

IFIP

MINUTES OF THE COUNCIL AND GENERAL ASSEMBLY MEETINGS

15 - 18 September 1983 – PARIS, FRANCE

COUNCIL AND GENERAL ASSEMBLY MEETINGS

Paris, France - 15 -- 18 September 1983

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HIGHLIGHTS

ELECTIONS

A.W. Goldsworthy	(Australia)	was elected Vice-President for a three-year term
J.H. Finch	(Canada)	was re-elected Trustee for a three-year term
B. Sendov	(Bulgaria)	was elected Trustee for a three-year term
G. Sacerdoti	(Italy)	was elected Trustee for a three-year term
O. Longe	(Nigeria)	was elected Trustee for a one-year term

IFIP COUNCIL COMPOSITION:

K. Ando	(Japan)	President	1983/1986
P.A. Bobillier	(Switzerland)	Past-President	1983/1984
R. Piloty	(F.R.G.)	Vice-President	1982/1984
G. Glaser	(U.S.A.)	Vice-President	1982/1985
A.W. Goldsworthy	(Australia)	Vice-President	1983/1986
J. Fourot	(France)	Secretary	1981/1984
O.M. Dalton	(Ireland)	Treasurer	1981/1984
A.A. Dorodnicyn	(U.S.S.R.)	Trustee	1981/1984
G.J. Morris	(U.K.)	Trustee	1982/1985
A. Melbye	(Denmark)	Trustee	1982/1985
P.X. Guo	(China, People's Republic of)	Trustee	1982/1985
O. Longe	(Nigeria)	Trustee	1983/1984
J.H. Finch	(Canada)	Trustee	1983/1986
B. Sendov	(Bulgaria)	Trustee	1983/1986
G. Sacerdoti	(Italy)	Trustee	1983/1986

ORGANIZATION OF RESPONSIBILITIES:

G. Sacerdoti	Cognizant for TC 2
B. Sendov	Cognizant for TC 3
G.J. Morris	Cognizant for TC 5
R. Piloty	Cognizant for TC 6, TC 7
G. Glaser	Cognizant for TC 8, TC 10
A. Melbye	Cognizant for TC 9
J.H. Finch	Cognizant for TC 11, IMIA
P.A. Bobillier	Cognizant for ICID

ADMISSION

R. Narasimhan	-	Individual Member (1983/1986)
The Greek Computer Society (GCS)	-	Full member, effective 1.1.84
International Federation of Associations of Computer Users in Engineering, Architecture and Related Fields (FACE)	-	Affiliate Member
International Joint Conferences on Artificial Intelligence, Inc. (IJCAII)	-	Affiliate Member

NEW WORKING GROUPS

- WG 3.5 Informatics in Primary / Elementary Education
- WG 5.8 Product Specification and Product Documentation

WORKING GROUP TITLE CHANGE

- WG 3.4 Vocational Education and Training

NEW TECHNICAL COMMITTEE

- TC 1 Security

APPOINTMENTS

- | | | | | |
|---|--------|---------------|---|---------------|
| - | WG 2.1 | Chairman | - | P. King |
| - | WG 2.1 | Secretary | - | M. Feather |
| - | WG 2.5 | Chairman | - | J.K. Reid |
| - | WG 2.5 | Secretary | - | F. Chatelin |
| - | WG 2.6 | Chairman | - | R. Meersman |
| - | WG 3.1 | Chairman | - | P. Bollerslev |
| - | WG 3.5 | Chairman | - | F.B. Lovis |
| - | TC 5 | Chairman | - | A. Rolstadas |
| - | TC 5 | Vice-Chairman | - | B.R. Smith |
| - | TC 5 | Secretary | - | L.H. Fransson |
| - | WG 5.2 | Chairman | - | K. Bo |
| - | WG 5.2 | Vice-Chairman | - | E.A. Warman |
| - | TC 8 | Chairman | - | G. Bracchi |
| - | WG 8.2 | Chairman | - | E. Mumford |
| - | TC 9 | Chairman | - | H. Sackman |
| - | TC 9 | Vice-Chairman | - | B. Levrat |
| - | TC 11 | Chairman | - | K. Beckman |

COMMITTEE CHAIRMEN

- | | | |
|---|--|------------------|
| - | Activity Planning Committee | A.W. Goldsworthy |
| - | Admissions Committee | A. Melbye |
| - | Congress Guidelines Committee | F. Genuys |
| - | Finance Committee | K. Hernaes |
| - | IFIP Committee: Informatics for Development / ICID | R. Narasimhan |
| - | IFIP Committee for International Liaison / ICIL | R.I. Tanaka |
| - | Internal Awards Committee | J. Fourot |
| - | Publications Committee | H. Zemanek |
| - | Public Information Committee | G.J. Morris |
| - | Statutes and Bylaws Committee | N.J. Lehmann |
| - | Nominations Committee for Officers | A.W. Goldsworthy |
| - | Nominations Committee for Trustees | B. Sendov |
| - | IFIP 25 th Anniversary Committee | F.L. Bauer |
| - | Site Selection Committee C89 | J.H. Finch |

IFIP NEWSLETTER

J.L. Rosenfeld, Editor

EVENTS APPROVED

Kindly refer to GA Agenda item 9 – Technical Committees

FUTURE COUNCIL AND GENERAL ASSDMBLY MEETINGS

Council Meeting; March 1984 - Cape Town, Rep. of South Africa
 March 1985 - Munich, Fed.Rep. of Germany

General Assembly: 19 – 24 September - Varna Bulgaria

COUNCIL MINUTES

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COUNCIL MEETING

Paris, France - 15 September 1983

ATTENDANCECOUNCIL Members Present

P.A. Bobillier	President
K. Ando	President-Elect
N.J. Lehmann	Vice-President
G. Glaser	Vice-President
J. Fourot	Secretary
O.M. Dalton	Treasurer
R. Narasimhan	Trustee
J.H. Finch	Trustee
A.W. Goldsworthy	Trustee
A. A. Dorodnicyn	Trustee
A. Melbye	Trustee
G.J. Morris	Trustee

COUNCIL Members Absent

R. Piloty	Vice-President
P.X. Guo	Trustee

Committee Chairmen / Members Present

J. Carteron	Chairman	—	Congress 83 OC
Jeanne Poyen	Member	-	Congress 83 OC
P. Renard	Member	-	Congress 83 OC
D.C. Tschritzis	Chairman	—	Congress 83 PC

In Attendance

Gwyneth Roberts	IFIP Secretariat, Geneva
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Secretariat

Carol Baker	Convention Informatique
B. Bellanger	Convention Informatique

(n.b. certain participants were not in attendance full-time)

1. CALL MEETING TO ORDER

The President opened the Council Meeting and welcomed all participants. He conveyed his appreciation to Mr. Fourot, his colleagues, AFCET and Ms. Poyen for the Meeting arrangements and warm hospitality.

Mr. Fourot advised that Vice-President Piloty and Trustee Melbye were attending respectively TC 6 and TC 9 meetings, but the latter hoped to participate later and advise the name of the new TC 9 Chairman currently being elected. He was unaware why Trustee Guo was not present.

2. APPROVAL OF AGENDA

Council unanimously APPROVED the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (C1 BEIJING 83)

Council unanimously APPROVED the Beijing Minutes.

4. EXECUTIVE BODY REPORT

The President advised that the Executive Body had met the previous evening.

Mr. Fourot indicated that the venue of the 1984 March Council Meeting had been discussed. He recalled there had been a long-outstanding invitation from South Africa to host a General Assembly Meeting and both South Africa and Bulgaria had tendered firm invitations for GA 1984. However, the South African Computer Society had been very kind and flexible and had instead agreed to host the Council Meeting in March 1984. Executive Body, therefore, recommended accepting same and subsequently proposing to the General Assembly that its 1984 Meeting take place in Bulgaria. Mr. Fourot confirmed that South Africa would give an entry visa to any world-citizen. However, Mr. Dorodnicyn commented he would not be able to have an exit visa.

Council VOTED on the issue and APPROVED, with two objections and one abstention, to holding the March 1984 Council Meeting in South Africa.

Action

Mr. Fourot said he would inform Mr. Le Roux (GA rep. – South Africa) accordingly and the Council would be duly advised of the exact lieu and dates.

The President recalled that a decision had been taken to close down the IFIP Foundation in Amsterdam (refer 1981 Dublin Council Minutes, Agenda item 9). All necessary steps had been taken, including instructions for the closing of the bank accounts at ABN in respect of the Foundation and IAG (which Body had been dissolved in January 1981). Mr. Dalton continued that this had not yet been done and explained he had taken over the responsibility of the final closing of the Foundation from the previous IFIP Treasurer, Mr. Hernaes. At that time, he understood there was one action to be taken, namely the transfer of DFl. 35,000 to Amsterdam (which had been duly effected in December 1981) to cover losses. Earlier in the year, he had become aware that the two bank accounts still existed at ABN and were in the red – each for approximately DFl. 22,000. Mr. Dalton said he had then immediately corresponded with Messrs. Kienhuis and Gundersen (former Foundation Treasurer and Manager respectively) and attempted to bring those parties together with Mr. Bogaerts (formerly of IAG and currently with IGIS – the Body which had replaced IAG). Without success, he had consequently visited Amsterdam last August to get factual information. It resolved that the Foundation account was owed a sum of money by IAG which would more than clear the deficit balance. The understanding evidently had been that IGIS would take over all IAG liabilities, which included the IAG account too. Mr. Dalton emphasized the difficulties in obtaining an explanation from Mr. Bogaerts for the non-clearing of the two accounts. It appeared that the closing-down of the Foundation had caused some problems for IAG / IGIS and that was the leverage being used for non-action. He added that Messrs. Kienhuis and Gundersen would be meeting with Mr. Bogaerts on 21 September and he trusted the latter would accept the responsibilities in the matter.

The President informed that IFIP had been very generous with Mr. Gundersen who had been presented with a plan which included a flat amount of money, apart from his contract, for closing down accounts and all other Foundation matters. It was thought this would only take a few months. If the whole issue could not be cleared up at the 21 September meeting to the satisfaction of Mr. Dalton, he proposed that the IFIP Auditor from Geneva be asked to go to Amsterdam to finalize the matter. The President underlined that in closing down the Foundation, Mr. Kienhuis had been of tremendous help in advising IFIP on adherence to the Dutch law. In conclusion, he considered the case his problem and not one he wished to pass on to the incoming President, Mr. Ando.

Action

Mr. Dalton promised to keep the President advised of the outcome of the aforementioned meeting and subsequent, appropriate action to be taken – if necessary.

Mr. Fourot mentioned that the President had received a letter from Mr. Potter (GA rep. – New Zealand) requesting that a Position Statement put forward by his Society be placed before the General Assembly for its endorsement.

“Namely, that the General Assembly of IFIP:

- 1) Expresses professional concern at the increasing use of the technology in weapons systems and advises practitioners engaged in such work to consider most seriously their responsibilities.
- 2) Asserts that the decision as to whether or not to launch a nuclear weapon should not under any circumstances be left to the technology alone and that such a decision, involving as it may the fate of large numbers of human beings, must remain the responsibility of human leaders.”

During the discussion which ensued, Mr. Goldsworthy remarked that no learned body could escape this; an issue scientists should not avoid. It was a question of fundamental values. In conclusion, Mr. Fourot proposed that the General Assembly be asked to note the Statement – which was the suggestion of the Executive Body.

5. TREASURER'S REPORT

Mr. Dalton gave a briefing on the various Treasurer reports to be presented to the General Assembly (refer GA Minutes, Agenda item 8). He announced that the final results for 1983 would be positive without taking into account the Congress 83 surplus. Royalties were well ahead of budget – by approximately SFr. 20,000. However, the budgeted Interest figure might not be realized as Interest rates had dropped world-wide.

Referring to his Annual Report, Mr. Dalton stated that the Dues income should, in principle, cover the expenses of the Administrative Secretariat. However, this had not been the case. At the 1983 Beijing Council Meeting, it had been confirmed that the formula adopted for dues revision at the 1976 Tashkent General Assembly Meeting be applied to 1984 – 1986. Consequently, the GA Members had been duly informed of the proposed revisions.

As to the likely structure of the 1984 Budget, this could be at least 30% ahead of the 1983 Budget – a reflection of activity on a number of fronts.

Mr. Dalton recalled that the Swiss Bank Corporation in London (a branch of IFIP's bank in Geneva) had been appointed to manage IFIP's investment portfolio and some of the funds had already arrived in London.

Council NOTED the comments of Mr. Dalton.

6. TECHNICAL COMMITTEES AND IMIA

6.1 TC 2 (Programming)

Mr. Lehmann confirmed that the TC 2 Chairman, Mr. Paul, would present his report to the General Assembly. He mentioned that the WC on "Systems Description Methodology", Kecskemet, Hungary, May 1983, had run into a deficit and IFIP would be asked to convert the loan into a grant (SFr. 5,000). Revised Scopes for WG 2.1 and WG 2.7 had been presented to APC. The matter of State-of-the-Art reports had been discussed in TC 2, but it was very difficult to find someone who would write them.

6.2 TC 3 (Education)

Mr. Morris stated that the TC 3 Chairman, Mr. Hebenstreit, would present his report to the General Assembly. He was unhappy with the TC 3 Review, but not, he underlined, with the efforts Mr. Narasimhan had expended in Chairing the Review Committee; TC 3 did not seem to have responded to the Review process in the right spirit. Mr. Morris felt there should be a review of the reviewing procedure. (Refer Agenda item 7).

6.3 TC 5 (Computer Applications in Technology)

Mr. Finch said the TC 5 Chairman, Mr. Vlietstra, would present his report to the General Assembly. He would be stepping down as Chairman after six years and had prepared an Overview on TC 5, contained in the Annual Report, which Mr. Finch thought was excellent. The President concurred and trusted the other TC Chairmen would follow that example.

Mr. Finch requested the Council to approve the appointment of Mr. Rolstadas to succeed Mr. Vlietstra.

Council unanimously APPROVED the appointment of Mr. Rolstadas as TC 5 Chairman and gave a VOTE OF THANKS to Mr. Vlietstra.

In conclusion, Mr. Glaser stated that, from the U.S.A. point of view, TC 5 was considered one of the most visible TC's.

6.4 TC 6 (Data Communication)

The President stated that TC 6 was currently holding a meeting; Cognizant Officer Piloty and Chairman Danthine would be attending the General Assembly where a report would be submitted.

6.5 TC 7 (System Modelling and Optimization)

Mr. Dorodnicyn said Mr. Piloty was also the Cognizant Officer for TC 7. There were no decisions to be taken by the Council. Chairman Stoer would present his report to the General Assembly.

6.6 TC 8 (Information Systems)

Mr. Glaser advised that Chairman Verrijn Stuart would likewise present his report to the General Assembly. TC 8 would be meeting at the end of the Congress, following which Mr. Verrijn Stuart would be stepping down as Chairman. He, therefore, moved that the Council approve the appointment of Mr. Bracchi as successor to Mr. Verrijn Stuart.

Council unanimously ADOPTED the motion and gave a VOTE OF THANKS to Mr. Verrijn Stuart.

Mr. Glaser advised that he would attend the TC 8 meeting in Paris.

6.7 TC 9 (Relationship between Computers and Society)

The President said Cognizant Officer Melbye was attending the TC 9 meeting currently taking place where it was hoped a new Chairman would be appointed. He recalled that, last year, TC 9 could not agree on the choice of Chairman.

Mr. Melbye subsequently joined the Council Meeting and advised that TC 9 had recommended the U.S.A. representative, Mr. Sackman, to be the new Chairman. The latter had designated the Swiss representative, Mr. Levrat, as Vice-Chairman.

Council APPROVED the appointment of Mr. Sackman as TC 9 Chairman, with one abstention and NOTED the appointment of Mr. Levrat as Vice-Chairman. Council gave a VOTE OF THANKS to the Interim Chairman, Mr. Margulies.

6.8 TC 10 (Digital Systems Design)

Mr. Ando announced that the TC 10 Chairman, Mr. Aspinall, was doing a very good organizational job; TC 10 now had five Working Groups. He referred to Mr. Aspinall's very complete report, contained in the IFIP Annual Report 1982/1983, which the latter would present to the General Assembly together with further information. Referring to the planned July 1985 WC on "New Generation Architecture" to be held in Manchester, U.K., Mr. Ando said this would be organized by WG 10.3, not by TC 10 as indicated.

Mr. Glaser mentioned that there existed a difficulty in arriving at an agreement for the location of the VLSI-84 Conference and TC 10 wished to withdraw same from its list of activities. However, he believed he had opened up a new channel and felt the matter had now been resolved.

6.9 IMIA

Mr. Finch advised that Mr. Shires would be unable to attend the General Assembly Meeting. However, the IMIA Secretary, Mr. Abbott, would participate and present news on IMIA and Medinfo 83.

The President mentioned that IMIA had now chosen a professional accountant to be its Treasurer.

7. COMMITTEE REPORTS

7.1 Activity Planning Committee

Mr. Goldsworthy said APC had met that morning and would be presenting quite a lengthy report to the General Assembly. He did not want to be repetitive, but wished to draw the Council's attention to the following:

- APC approving activities: the system was working reasonably well.
- Artificial Intelligence: there was a Task Group on AI, but it had been decided that if IJCAII were admitted as an Affiliate Member, there was no reason to establish another Group.
- Affiliate Members: there was a need to develop a much closer relationship between Affiliate Members and IFIP to make sure that initiatives which should be taken by IFIP were taken.
- EDP Security: APC would recommend to the General Assembly the establishment of an additional TC concerned with 'Security'.
- Public Sector DP: a Task Group had been formed, but APC had not yet received a report from its Chairman so the issue was still in abeyance.
- TC 3 Review Report: APC would be endorsing this report.

- Reviewing: Mr. Glaser had agreed to review the Review procedure and would make recommendations as to how it might be more effective. Mr. Glaser remarked he would look at the mechanics to see if a more timely Review process could be constructed. It was a good concept, but in execution very difficult.
- Revival of TC 1: Mr. Goldsworthy said he had spoken with Mr. Schneider three days previously who was putting together a proposal which he had not yet received.
- State-of-the-Art Reports: APC had received a proposal from Mr. Rossbach (Springer) that morning which APC had accepted in principle and would be recommending to the General Assembly along with the suggestion that the Publications Committee pursue negotiations with Springer to try and bring the matter to some sort of fruition. The problem in the past was that we had not had motivation; now there was a proposal which could return a substantial amount of money to the author.
- Newsletter: Mr. Goldsworthy advised that APC had discussed the subject with Mr. Rosenfeld that morning and endorsed the concept of the Newsletter on the basis of the presented prototype and had emphasized that it was not a suitable vehicle for technical articles. There was a proposal from North-Holland which could reduce the costs. APC would support the budget request of SFr. 24,400 for the first year's production of the Newsletter and would be recommending to the General Assembly along those lines.
- Task Group on Office Automation: this had been disbanded now following a decision to pass on the subject to TC 8 for follow-up.
- Event in Africa: APC would ask the GA Members of African nations to get together and felt an event would never happen unless a Member Society took the lead to organize and stage same. The GA Member for South Africa, Mr. Le Roux, had said he would initiate a meeting of the African delegates to try to activate a start of action.
- Restructuring: Mr. Goldsworthy informed there would be a Task Group to review the overall structure of TC's, WG's, SIG's and also Affiliate Members to see whether or not there was a more appropriate form of organization. This was brought about basically by the debate in APC on establishing a TC on 'Security'. It was felt desirable to establish the TG under the Chairmanship of Mr. Morris.

The President thanked Mr. Goldsworthy for his comments and stressed the importance of APC which was becoming more and more active and 'shaking the dust' from some IFIP structures.

7.2 Admissions Committee

Mr. Melbye indicated that AC had three recommendations which it fully supported – namely, the admission of Greece as a Full Member and the admission of FACE and IJCAII as Affiliate Members (refer GA Minutes , Agenda item 6).

7.3 Public Information Committee

Mr. Morris drew attention to the tie he was wearing – the prototype of the 'IFIP tie' and announced he was awaiting a delivery of same which would be available for sale at the time of the General Assembly. Advance orders would not be refused !!

7.4 Ad Hoc Nominations Committee for Officers

In his report of 1 August 1983, distributed to GA Members via the Secretariat, Mr. Glaser said NCO had proposed that Mr. Goldsworthy be elected as Vice-President for a three-year term to fulfil the expiring term of Mr. Lehmann and noted that the former had accepted the nomination. With respect to having a fourth Vice-President, NCO recommended that the decision to create the position and the election to fill same be taken at different Meetings of the General Assembly so that the decision on the post itself could be taken without regard to candidates who might fill it.

Mr. Dorodnicyn strongly expressed the importance of having a fourth Vice-President as the new Executive Body would not include a member from Eastern Europe which he considered very bad. The President said that, for many years, he had urged Eastern European nations to select representatives who were willing to work and take on responsibilities, but no-one had been agreeable to taking on the function of Secretary of Treasurer. It was easy to say there must be an Eastern European in the Executive Body, but that Body was the working Body. Mr. Dorodnicyn replied that the financial situation did not allow an Eastern European to take on the responsibility of such functions. The President referred to his Annual Report wherein he mentioned the work was increasing, but it centred all the time on the same people – there was a limit as to what an individual could accept as a volunteer.

In conclusion, the President stated that the Executive Body was in favour of adding a fourth Vice-President, although the decision had not been unanimous.

7.5 Ad Hoc Nominations Committee for Trustees

As Chairman of NCT, Mr. Dalton advised that one of the nominees was Mr. Longe (Nigeria). After distribution of the NCT report the previous month via the Secretariat to GA Members, he had been informed that Mr. Longe had been replaced as GA Member and he would have to get his committee to come up with an alternative.

(n.b. It subsequently turned out that Mr. Longe remained as the GA Member for Nigeria and was, therefore, available for election.)

7.6 Ad Hoc Committee Site Selection for C89

Action

Mr. Finch mentioned that he was still developing the Guidelines for the Site Selection Committee and called upon the Council Members to send him a brief note with proposals for same.

8. CONGRESS 83

Mr. Carteron presented his report (CGA 83 - C83/OC) and drew attention to an updated version (10 Sept. 83) of the Congress 83 budget which showed an income of FF. 4,767,845 against expenses of FF. 5,930,000 – a difference of FF. 1,162,155 (vat included) – which indicated that 422 further registrations were required to break even. Subsequently, Mr. Carteron presented the figures as at the Council Meeting date (15 Sept.) which showed a difference of FF. 792,355 (vat included) and 288 as the number of missing registrations to break even. He advised that out of the 1,840 registrants, 1,230 had paid to-date. Mr. Carteron confirmed that registrations were being received every day (as evidenced by comparing the 10 and 15 Sept. figures) and a certain, significant registration was expected on site. With 2,100 registrations, C83 would just break even and IFIP would receive the guaranteed \$10,000. In the event of 2,500 registrations, which was considered possible, then a surplus of approximately FF 1 million would be realized. Mr. Carteron underlined that that was the present position and it was difficult to have a more precise forecast.

Mr. Carteron gave an overall review of the promotional activities (as listed in his report) and presented a list of registrants by nationality (as at 14 Sept.) including 695 from France and 165 from U.S.A.

The President queried the unpaid registrations which Mr. Carteron felt were not dubious. As regards the unpaid French registrations, Ms. Poyen – referring to the French Convention Informatique – pointed out that French administrations always honoured invoiced, but paid only when the service had been rendered.

Mr. Glaser queried the stableness of the expense figure which Ms. Poyen confirmed was in the upper limit and included provisions to cover certain, unsure costs. She referred to a fancy request for technical equipment which had cost approximately FF. 50,000. Mr. Tschritzis declared that PC had been unaware of same and if further requests came in at that stage, they would not be honoured.

Discussion ensued on the subject of the high number of Selected Speakers, Session Chairmen and Panelists who had not registered and the President expressed concern as to their participation. Ms. Poyen advised that all Speakers who had not registered by August had been sent a circular letter which

clearly stated that only Invited Speakers and Panel Chairmen were supposed to receive complimentary registration.

Mr. Tschritzis felt there might be a problem which he would try and hope to minimize – although Invited Speakers were exempt from registration, some of them did not know if they would get the necessary travel funds. Additionally, there were some technical difficulties in respect of people from Eastern European countries and contact had and was being made with the respective Embassies.

Mr. Tschritzis commented on the Session Chairmen who had not registered and failed to understand why. He requested the Council to allow a certain flexibility with regard to free passes – thus allowing those people to attend only their sessions.

Mr. Carteron advised that OC had been obliged to reserve a number of hotel rooms which involved a risk of up to FF. 40-50,000 if the Speakers did not turn up. Consternation was expressed by the Council and several Members favoured cancelling the rooms forthwith. Mr. Carteron reacted that it was absolutely essential to keep the rooms to avoid the possibility of Speakers eventually arriving and not finding accommodation, but would re-look into the matter.

Mr. Morris underlined that IFIP had a responsibility with regard to those people who had registered as delegates and were expecting to hear the Speakers as listed in the Programme. Although deploring it, he considered unregistered Speakers could be given a free pass to deliver their papers, but not to attend the rest of the Congress. Mr. Glaser concurred. Mr. Finch, however, disagreed and pointed out that the Congress 77 Area Chairmen had had marvellous discipline and had known a week prior to the Congress the flight arrival times, etc. of the Speakers. Mr. Tschritzis explained that the world economic situation had deteriorated since that time and many people now had difficulties in getting financial support from their organisations, institutions, etc.

It was decided that OC would immediately telegraph / telex those Selected Speakers who had not registered to ascertain if they intended to turn up and register.

Following further discussion, Mr. Morris moved that – in regard to Selected Speakers, the Chairman of PC, at his discretion, be empowered to admit those who refused to pay the normal fee to attend their session only.

Council ADOPTED the motion, with one objection and one abstention.

The President stated that that was a formal instruction to PC; so the Council had made a decision in the name of the General Assembly.

It was understood that this principle would also apply to Session Chairmen and Panelists.

Mr. Goldsworthy requested OC's best guess at that point in time of the ultimate financial result of the congress. Mr. Carteron replied that, based on 2,200 participants (2,100 = break-even), an amount of FF.275,000 (vat included) was envisaged after paying back loans – i.e. approximately SFr. 90,000.

In reply to a query of Mr. Lehmann, Mr. Tschritzis said times had changed and even although set up in the best possible way, the Programme was still not a money-winner. It was hard to sell a 'general' Congress to a lot of people and his outlook was pessimistic if the pattern were to continue. In conclusion, he thought the time had come to consider implementing changes for future Congresses.

Ms. Poyen suggested that, for future Congresses, the IFIP rules for registration be included in the Call for Papers so that each person was aware of the situation from the outset.

Action

The President thanked Messrs. Carteron, Tschritzis and Ms. Poyen for their comments and wished them every success with the final stages of the Congress planning – and the Congress itself.

9. MEDINFO 83

The President announced he had been advised by Mr. Shires that everything had gone well and a report would be presented to the General Assembly.

10. WCCE 85

The President advised he had signed the agreement with AFIPS in respect of WCCE 85 which would be responsible for the organizational planning. The surplus would be divided IFIP – 70 % / AFIPS – 30 %, with the Royalties going to IFIP.

Mr. Glaser presented some comments on behalf of the PC Chairman, Mr. Hamblen – 11,000 ‘first’ copies of the Call for Papers had been mailed world-wide. Additionally, 500 copies of a one-page News Release had been sent to journals and publications world-wide. The ‘second’ Call for Papers was in preparation and the Editors of the Proceedings were already in contact with North-Holland. Enthusiasm for this Conference was very high in U.S.A.

Action

Mr. Glaser formally requested that the agreed-upon loan by IFIP of SFr. 16,000 be remitted and he would arrange for payment details to be sent to the Treasurer and / or the Secretariat.

In conclusion, Mr. Glaser said he had been asked to try to solicit Programme Committee participation from Brazil and South East Asia.

11. FUTURE COUNCIL MEETINGS

Mr. Fourot confirmed the following:

March 1984	-	South Africa (Cape Town)
March 1985	-	F.R.G. (Münich)

He added that IFIP had an open invitation from Hungary.

12. CLOSING OF THE MEETING

The President thanked the Council Members and other participants for their contributions and declared the Meeting closed.

GENERAL ASSEMBLY MINUTES

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GENERAL ASSEMBLY MEETING

Paris, France - 16 - 18 September 1983

ATTENDANCEOfficers Present

P.A. Bobillier	President	Switzerland
K. Ando	President-Elect	Japan
R. Piloty	Vice-President	Federal Republic of Germany
N.J. Lehmann	Vice-President	German Democratic Republic
G. Glaser	Vice-President	U.S.A.
J. Fourot	Secretary	France
O.M. Dalton	Treasurer	Ireland

Members Present

M. Milchber *		Argentina
A.W. Goldsworthy		Australia
O. Zich		Austria
J.E.D. Navez		Belgium
B. Sendov		Bulgaria
J.H. Finch		Canada
P.X. Guo		China, People's Rep. of
A. Melbye		Denmark
K. Kontinen		Finland
R.E. Kalman		Hungary
R. Narasimhan		India
H. Aboud		Iraq
J. Raviv		Israel
G. Sacerdoti		Italy
A.A. Verrijn Stuart		Netherlands
C.J. Potter		New Zealand
O. Longe		Nigeria
A. Rolstadas		Norway
L. Lukaszewicz		Poland
L.F. Penedo		Portugal
H. Le Roux		South Africa
A. Insua *		Spain
K. Hernaes		Sweden
M.B. Mounajed		Syria
F. Rachdi *		Tunisia
G.J. Morris		United Kingdom
A. A. Dorodnicyn		U.S.S.R
S. Lau *		SEARCC
H. Zemanek	Honorary Member	
R.I. Tanaka	Honorary Member	
W.C. Abbott *	Associate Member	- IMIA
H. Freeman	Affiliate Member	- IAPR
J. Brosveet *	Affiliate Member	- IASC

(* present with proxy of own country GA rep.)

Members Represented by Proxy

L. Gvozdjak	Czechoslovakia
T. Aleksic	Yugoslavia

Proxy Held By

N.J. Lehmann
P.A. Bobillier

Members Absent

?		Algeria
R. Guilherme Radunz		Brazil
O. Olivera		Cuba
A.E. Sarhan		Egypt
K.T. Park		Korea, Rep. of
R. Benmokhtar		Morocco
I.L. Auerbach	Honorary Member	
L.R. Thompson	Affiliate Member - EUROMICRO	
A.S. Douglas	Affiliate Member - ICC	

Technical Committee Chairmen Present

M. Paul	Chairman TC 2
J. Hebenstreit	Chairman TC 3
J. Vlietstra	Chairman TC 5
A. Danthine	Chairman TC 6
J. Stoer	Chairman TC 7
A.A. Verrijn Stuart	Chairman TC 8
F. Margulies	Chairman TC 9 – Acting
H. Sackman	Chairman TC 9 – Incoming
D. Aspinall	Chairman TC 10

Committee Chairmen / Members Present

J. Carteron	Chairman	- Congress 83 Organizing Committee
Jeanne Poyen	Member	- Congress 83 Organizing Committee
P. Renard	Member	- Congress 83 Organizing Committee
D.C. Tschritzis	Chairman	- Congress 83 Programme Committee
D. Dolan	Chairman	- Congress 86 Organizing Committee
K. Drury	Member	- Congress 86 Organizing Committee
D.J. Bjorner	Chairman	- Congress 86 Programme Committee
F.H. Sumner	Chairman	- Congress 80 PC; Member – C83 PC
F. Genuys	Chairman	- Congress Guidelines Committee

Observers Present

J.-P. de Blasis	President, AFCET
Marie-France Kalogera	General Delegate, AFCET
A. Balasubrahmanian	Computer Society of India
K. Beckman	Task Force - Security
J. Essen	IFIP / SEC '83 (Security and Privacy)
J.L. Rosenfeld	Editor, IFIP Newsletter
G. Kruisman	President, FACE
Stephanie Smit	North-Holland Publishing Company
G. Rossbach	Springer-Verlag
H.-R. Schuchmann	Publications Committee
S. Kutzkake	UNESCO Representative
E. Owolabi	UNESCO Representative
M. Chauveinc	IFLA Representative

In Attendance

Gwyneth Roberts	IFIP Secretariat - Geneva
T. Uozumi	Assistant to K. Ando

Secretariat

Carol Baker	Convention Informatique
B. Bellanger	Convention Informatique

(n.b. certain participants were not in attendance full time)

1. CALL MEETING TO ORDER

The President opened the General Assembly Meeting and greeted all participants. He introduced the AFCET President, Mr. de Blasis, and conveyed to him IFIP's most sincere thanks for the Meeting arrangements and warm hospitality. He expressed his appreciation of the services rendered by Mr. Fourot, Ms. Kalogera, Ms. Poyen, Ms. Baker and Mr. Bellanger, and also thanked the AFCET wives who were taking care of the accompanying ladies.

The President welcomed the new Full GA Member, SEARCC, represented by Mr. Lau with proxy and introduced the new National representatives for Portugal, Mr. Penedo. As they joined the Meeting, he also introduced Messrs. Milchberg, Insua, Rachdi und Abbott who held proxies for respectively Argentina, Spain, Tunisia and Associate Member / IMIA, and Mr. Brosveet representing Affiliate Member / IASC.

The President further introduced Mr. Kruisman of FACE, which Federation was seeking Affiliate Membership in IFIP; the TC Chairmen – including the new Chairman for TC 9, Mr. Sackman; Committee Chairmen and members, and all Observers.

Mr. de Blasis expressed his pleasure in welcoming everyone to Paris and said it was a great honour for AFCET to receive delegates from so many countries. He underlined the hard work which had been expended for the success of the Congress – IFIP 83. In conclusion, he trusted the General Assembly Meeting would also be successful and that the participants would enjoy the special social events which had been arranged.

Mr. Fourot announced that proxies had been received

<u>from</u>		<u>in favour of</u>
° Mr. Gvozdjak	-	Czechoslovakia
° Mr. Aleksic	-	Yugoslavia
		Mr. Lehmann
		Mr. Bobillier

Mr. Fourot mentioned that excuses had been received from Mr. Auerbach - Honorary Member, Mr. Benmokhtar – Morocco, Mr. Muller - Affiliate Member / IASC and Mr. Bauer – Chairman of the IFIP 25th Anniversary Committee. He regretted that no news had been forthcoming from the General Assembly Members or Societies of Algeria, Brazil, Cuba, Egypt and the Rep. of Korea. Mr. Fourot was unaware why Affiliate Members / EUROMICRO and ICCG were not represented.

2. APPROVAL OF AGENDA

General Assembly unanimously APPROVED the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (GA ROME 82)

General Assembly unanimously APPROVED the Minutes of the Rome General Assembly .

4. PRESIDENT'S REPORT

The President referred to his Annual Report and highlighted four important events which had taken place during the course of the year:

- The First International IFIP Conference on "Governmental and Municipal Data Processing", Vienna, 23-25 February, which had attracted 280 participants from 21 countries.
- The First International Conference on "Computer Applications in Industry – CAPE 83", Amsterdam, 25-28 April, attended by 532 participants from 29 countries. He thanked Mr. Vlietstra, TC 5 Chairman, who had been instrumental in setting up the Conference and said it was encouraging to know it would be a series. The Second "CAPE" was planned for 1986.

- The First IFIP “Security – IFIP / SEC 83” Conference, Stockholm, 16-19 May, which came about thanks to the energy and driving force of Messrs. Finch and Beckman. 325 participants from 28 countries attended same.
- The Fourth International Conference on “Medical Informatics – Medinfo 83”, Amsterdam, 22-27 August. This was a well-established series organized by IMIA and most successful.

The President commented on the significant number of changes which had been made due to the initiatives of the Activity Planning Committee under the very energetic Chairmanship of Mr. Goldsworthy to whom he conveyed his thanks and appreciation. He was pleased to see that the Technical Committees were becoming more and more important as they were the ‘real’ working bodies of IFIP.

In particular, the President wished to thank the Chairman of the Publications Committee, Mr. Zemanek, who had arduously worked in that position for many years. 20 books had been published during the Annual Report period (July 1982 – June 1983).

The President also thanked Mr. Morris, Chairman of the Public Information Committee, who had been most active in that domain and had initiated the very successful articles written by Mr. Owen on the various Technical Committees.

The President recalled that three IFIP colleagues had been honoured in their home countries. Mr. Goldsworthy had been awarded the Order of the British Empire (O.B.E.); Mr. Tanaka had received the AFIPS Distinguished Service Award, and Mr. Zemanek had received an Honorary Doctorate in Technical Sciences from the Johannes-Kepler University of Linz. He offered his sincere congratulations. General Assembly APPLAUDED.

The President drew attention to a further document (CGA Paris 83/Pres-1) – his final report as IFIP President prior to handing over the gavel to Mr. Ando – wherein he submitted facts and reflections pertinent to his six years of Presidency. During that period, the IFIP family had increased by the admission of nine Full Members (including one Regional Member representing six new countries) and three Affiliate Members. As at 1 January 1983, IFIP had 43 Full Members representing 48 countries and four Affiliate Members. Additionally, nine new Working Groups had been established and two disbanded. Currently, there were eight Technical Committees with 32 Working Groups.

The President addressed three subjects which were interrelated: ‘Workload Repartition’, ‘Level of General Assembly Member Activities /Relation IFIP End Users’ and ‘IFIP Obligations to Developing Countries’.

There was a tendency to concentrate work on a small number of people (either in TC’s, WG’s or the General Assembly) and he felt there was a need for more delegation. Certain steps had already taken place by appointing Cognizant Officers and delegating certain matters to APC which had structured itself by distributing responsibilities amongst its members. The President underlined it was essential to have more General Assembly Members personally involved in Standing and Ad Hoc Committees.

Action

Broaching the issue of IFIP – Member Societies interaction and the role played by the General Assembly Member, the President considered there was a continued need for improvement. He regretted that many GA Members did not answer letters and strongly felt that everyone should attempt to reply to all mail within a fortnight of receipt. The President stressed that GA Members should undertake regular reviews of TC and WG representation; actively participate in promoting IFIP events; actively assist in the dissemination of the various IFIP publications and relevant information, and actively participate in IFIP life through belonging to a Committee. He also emphasized the necessity of a GA Member being in attendance for the entirety of a General Assembly Meeting and not for just a few hours.

The President spoke lengthily on the burning issue of the developing countries and underlined that ICID (IFIP Committee: Informatics for Development) would be playing a very important role in the future. It had to develop and establish further relations with international organizations and obtain the necessary financial support to second the IFIP intellectual resources, and continue to study the real need of the developing countries and how best to meet them.

The President mentioned he had been able to arrange for an IBM Personal Computer to be presented to the IFIP Secretariat which had been enthusiastically received.

Finalizing, the President expressed his appreciation of the invaluable assistance he had received from many people during his term of Presidency and proffered his many thanks to the Council and General Assembly Members, Committee Chairmen, Technical and Working Group Chairmen and Ms. Roberts (the IFIP Administrative Manager).

Mr. Ando thanked the President for his reports and for all the outstanding work he had carried out during his six years of Presidency.

General Assembly gave a VOTE OF THANKS to the President, Mr. Bobillier.

5. SECRETARY'S REPORT

Mr. Fourot stated that, at the 1983 Beijing Council Meeting, a long discussion had taken place on the importance of Technical Committee reports. The President had, subsequently, written to the TC Chairmen giving them guidelines, not only in respect of reporting on administrative matters, but on the business of the TC's which should be exposed to the General Assembly audience.

Action

It had also been underlined that if a TC Chairman or his Cognizant Officer could not attend a Council or General Assembly Meeting, then the TC Chairman should be represented by someone from his TC to report thereon.

Mr. Fourot added that a decision had also been taken on the need for an 'immediate' summary of the major decisions taken during a General Assembly Meeting. (The detailed Minutes were a very important historical document, but were published a few months following a Meeting). It had been suggested that a reporter be appointed for each half-day. Following his call for volunteers, Messrs. Kontinen, Morris, Potter, Finch and Le Roux agreed to undertake the task for the current Meeting. (These 'Express Notes' were duly forwarded on 27 September 1983 to all GA Members or proxy-representatives who had been in attendance).

Mr. Fourot recalled he had been asked to develop a procedure whereby TC Chairmen would be advised of OECD projects with which their Committees could possibly be associated. He had made some initial contacts, but had no progress to report at that point. Mr. Paul queried the consequences to be expected. Mr. Fourot replied that as soon as IFIP had a precise list of the OECD projects, it would propose help from the TC's and negotiate conditions (including funding) of liaison.

In conclusion, Mr. Fourot referred to the 'Continuing Action' List he had started to produce prior to Council and GA Meetings.

Action

He requested concerned parties to kindly advise him once an action item had been completed so that he could accordingly purge and update said List.

The President thanked Mr. Fourot for his comments.

6. ADMISSIONS COMMITTEE REPORT

Mr. Melbye drew attention to his Annual Report and to documents (CGA Paris 83/AC-1, 2 and 3) which had been circulated to GA Members a month prior to the Meeting.

Mr. Melbye said AC recommended the admission of the Greek Computer Society (GCS) as a Full Member and referred to document (CGA Paris 83/AC-1). He advised that Mr. B. Laopodis, President of GCS, had applied for admission on 4 October 1982 and in his letter had indicated that GCS represented the majority of Greek scientists employed in the computer fields in their country. It had been Mr. Laopodis' intention to attend the GA Meeting, but, unfortunately, at the last moment this had not been possible and he had sent a telex with his excuses. Mr. Melbye advised that aims of GCS were very similar to those of other Member Societies and gave a briefing on the membership (over 300), activities (including lectures, the publication of a quarterly Bulletin and ad hoc state-of-the-art reports) and the finances (the Society had no income other than membership fees, but support was being sought from governmental authorities and private institutions).

Mr. Sendov strongly supported the admission of GCS with which Bulgaria had a very good relationship. Mr. Kontinen queried if there were other Societies in Greece. Mr. Tschritzis replied there was another Society, but not as prominent a one, which had some members without university degrees. To qualify for membership in GCS, one required a university degree. He considered GCS the strongest and most prestigious in Greece. Mr. Morris asked if GCS had given any indication of the extent to which it would expect to become involved in IFIP activities; would it send representatives to the Technical Committees? Mr. Melbye confirmed he had raised the question, but had not yet received an answer as Mr. Laopodis wished to be come more acquainted with the work of IFIP. Mr. Tschritzis said GCS wanted to be competent and, hopefully, could find some good technical people, but funds would have to be found for travelling. He stated he would make a recommendation to the Greek Ministry of Research and Technology to support GCS with some funds for this purpose.

In admitting new Members, Mr. Piloty felt it essential that they pledge to take part in TC's. Mr. Melbye replied that, until now, AC had not seen this as one of the requirements for admission and considered it a matter which had to be discussed further before including such a formal statement in the criteria. He rather preferred to describe the expectations from an applying Society – that IFIP considered it very important for an admitted Society to participate in its work and activities.

Mr. Tschritzis reiterated his intention to try and obtain governmental support because he felt it was a worthwhile cause; additionally, in some cases, he would also try to obtain funding from his own Institution in Greece.

The President moved that the General Assembly approve the recommendation of AC to admit to IFIP the Greek Computer Society as a Full Member to represent Greece.

General Assembly unanimously VOTED in favour of admitting GCS as a Full Member.

The President welcomed GCS of Greece as a new IFIP Full Member, effective 1 January 1984, and the General Assembly APPLAUDED its admittance.

Mr. Dalton proposed that the Dues per year (1984-1986) for Greece be SFr. 3,600. Assembly CONCURRED.

Action

The President confirmed he would inform Mr. Laopodis of the GA decision.

Referring to document (CGA Paris 83/AC-2), Mr. Melbye said AC recommended the admission of the International Federation of Associations of Computer Users in Engineering, Architecture and Related Fields (FACE) as an Affiliate Member.

Mr. Melbye recalled that this application had been underway for some time, but AC had postponed taking a decision for one year to allow FACE (founded in May 1981) to fully establish itself. FACE had since grown, but still only had five or six member countries. Nevertheless, it had demonstrated a strong desire to co-operate with IFIP, especially by its participation with TC 5 in the CAPE 83 Conference. Mr. Melbye introduced Mr. Kruisman, President of FACE.

Mr. Kruisman advised that FACE was the result of informal relationships which had been existing for about ten years between Associations of Computer Users in Architecture in four countries (Australia, The Netherlands, United Kingdom and U.S.A.). Commenting on the Aims of FACE, as detailed in document AC-2, Mr. Kruisman highlighted the objectives of encouraging the exchange of information on trends in computer application within engineering, architecture and related fields, and the promotion of international conferences. Although FACE only had five member countries – the aforementioned, plus South Africa, Finland was expected to join and there were other prospects too. Mr. Kruisman indicated that the total number of engineering organizations engaged in the work of FACE through their national organizations was around 1,500 and considered this very worthwhile. He concluded that there were a lot of countries in the world, but very few had Associations of Computer Users.

Mr. Vlietstra heartily supported the application of FACE and stressed the excellent co-operation TC 5 had received in setting up CAPE 83.

Mr. Sendov queried if FACE were connected with Unesco to which Mr. Kruisman replied there was no formal relationship although some correspondence had taken place.

The President moved that the General Assembly approve the recommendation of AC to admit the International Federation of Associations of Computer Users in Engineering, Architecture and Related Fields (FACE) as an Affiliate Member.

General Assembly VOTED in favour of admitting FACE as an Affiliate Member - 28/0/2.

(first number: in favour, second number: against, third number: abstention)

The President congratulated Mr. Kruisman and the General Assembly APPLAUDED the admittance of FACE.

Mr. Melbye said the final recommendation of AC concerned the admission of the International Joint Conferences on Artificial Intelligence, Inc (IJCAI) as an Affiliate Member and referred to document (CGA Paris 83/AC-3). He recalled that Mr. D. Walker, Secretary-General of IJCAI, had applied for Affiliate Membership on 10 September 1982 and his fact had been reported to the 1982 Rome General Assembly. However, sufficient information had not been available at that time for AC to make a recommendation. Additionally, the 1983 Beijing Council had felt AC should process IJCAI's application independently of the Task Group established by the Activity Planning Committee.

Mr. Melbye indicated that IJCAI was rather an unusual organization which had been set up to establish bi-annual conferences at which the latest development in research and applications of artificial intelligence were presented. The conferences had been held every other year since 1969 in respectively U.S.A./69, U.K. /71, U.S.A./73, U.S.S.R./75, U.S.A./77, Japan/79, Canada/81 and just recently in F.R.G., and this lieu-spread was one evidence of the international character of IJCAI.

IJCAI had been officially incorporated in 1977 and its specific and primary purposes were scientific and educational. It was considered as the de facto organization responsible for international communication in the area of artificial intelligence.

Mr. Melbye advised that Mr. Walker had regretfully been unable to attend the Meeting and had indicated that Mr. Freeman would kindly speak on behalf of IJCAI. Mr. Freeman gave a briefing on the aforementioned conferences which he underlined were widely publicized and attended by many people. They were definitely recognized as the primary conferences in the field, the Proceedings of which were disseminated by IJCAI. Mr. Freeman fully supported the IJCAI application for Affiliate Membership.

Mr. Dorodnicyn, who had Chaired the Task Group on Artificial Intelligence recommended that IJCAI certainly expand its activities with the possible organization of groups to examine the important aspects of AI. Mr. Morris stated that AI was a very important field and a rapidly developing one. He certainly had no objection to admitting IJCAI as an Affiliate Member, but would dislike it if this would prohibit IFIP setting up an appropriate activity of its own in the field. He felt IFIP should reserve the right to embark on a TC if and when it felt the need. Mr. Sacerdoti said his feelings were similar to those of Mr. Morris.

Mr. Goldsworthy advised that APC had considered and supported the admission of IJCAI as an Affiliate Member although it had considered the alternative of setting up some other kind of body. APC, nevertheless, felt that IFIP must continue to have the option of taking initiatives in the AI field and, to this end, a close and effective relationship should be developed between IFIP and IJCAI. Mr. Lehmann queried whether the relations should be negotiated prior to admitting IJCAI. Mr. Goldsworthy replied it was not a question of negotiation, but a recognition by IFIP that AI was becoming increasingly important. In the past, IFIP had tended to leave the activities of Affiliate Members to themselves, but APC now suggested that in the AI area (and in others) there was a need for much closer integration between IFIP and its Affiliate Members. He considered it would be a disadvantage not to go ahead and strongly supported the admission of IJCAI. In allegory, he concluded – “while we are battling, Rome is burning”.

It was moved that the General Assembly approve the recommendation of AC to admit the International Joint Conferences on Artificial Intelligence, Inc. (IJCAI) as an Affiliate Member.

General Assembly VOTED in favour of admitting IJCAI as an Affiliate Member - 28/0/3.

General Assembly APPLAUDED its admittance.

Action

Mr. Narasimhan proposed that the President write to IJCAII – indicating the spirit of the feelings expressed – so it knew IFIP considered Artificial Intelligence an important area and would like to take initiatives in organizing activities in that field.

The President expressed his appreciation to Mr. Melbye for his conscientious and hardworking role as Admissions Committee Chairman.

Later in the Meeting, Mr. Melbye informed that AC had received a proposal from Mr. Ando (President-Elect) to admit Mr. Narasimhan (outgoing GA representative for India) as and Individual Member of the General Assembly He had discussed the matter with the members of AC which wished to comment that – Mr. Narasimhan had represented India since 1974 and the change in representation (at the end of the current GA Meeting) was a consequence of the rules of the Computer Society of India. Mr. Narasimhan had done a very good job in IFIP and substantially contributed to the work and activities. In 1975, he was elected Trustee for a two-year term, in 1977 for a three-year term and re-elected in 1980 for a further three-year term. Mr. Narasimhan Chaired the Admissions Committee from 1976 to 1979, but continued as a member thereafter; in 1978 he was appointed Chairman of the Ad Hoc Committee on Future Policy which delivered a preliminary report in 1980 and a final report in 1981 which contained very significant recommendations which were accepted and implemented. In 1980 he accepted to Chair a TC 3 Review Committee, and had been a member of APC since 1981 in which role he had also been very active and constructive.

Mr. Melbye stated that AC strictly maintained that the concept of Individual Membership should only be applied in very exceptional cases and not used as a kind of award. In this particular case, however, the proposal had been made by the President-Elect who wanted to have Mr. Narasimhan continue as a GA Member and taking into account his numerous, untiring services rendered to IFIP, AC, therefore, recommended to the General Assembly that Mr. Narasimhan be admitted as and Individual Member of IFIP for a three-year term.

The President and Mr. Morris both ventured their strong support in favour of the recommendation.

Mr. Balasubrahmanian (incoming GA representative for India) advised that Mr. Narasimhan was a highly-regarded figure in India and had been most instrumental in strengthening the relationship between the Computer Society of India and IFIP. He felt sure the entire scientific community in India, also in other countries, would be very happy to see Mr. Narasimhan thus honoured. Mr. Balasubrahmanian said he would be delighted to carry back such news to his country.

General Assembly VOTED in favour of admitting Mr. Narasimhan as an Individual Member for a three-year term (1983-1986) - 36/0/1.

The President and President-Elect congratulated Mr. Narasimhan who was lengthily APPLAUDED by the General Assembly.

Mr. Narasimhan warmly thanked the General Assembly for its decision and said he was overwhelmed by the trust and affection of its Members (Refer Agenda item 11.5 – ICID).

Mr. Melbye mentioned that interest for Affiliation with IFIP had been expressed by the Thai Federation for Information Processing (TFIP), represented by its President, Mr. S. Charmonman. However, as the Computer Association of Thailand (CAT) was already a member of SEARCC, this fact had been brought to the attention of Mr. Charmonman and nor further action would be taken.

7. ELECTIONS

7.1 Nominations Committee Report - Officers

Mr. Glaser presented his report (GA Paris 83/NCO-1) which had been distributed to General Assembly Members in August 1983. NCO recommended the nomination of Mr. Goldsworthy as Vice-President to fill the expiring term of Mr. Lehmann.

In respect of the possible creation of a fourth Vice-President, which would be addressed by the SBC Chairman under Agenda item 11.9, NCO recommended that the decision to create the position and the election to fill same to taken at different Meetings of the General Assembly.

There were no nominations from the floor.

General Assembly ELECTED Mr. Goldsworthy as Vice-President for a three-year term, 1983-1986 – 28/0/6.

The President congratulated Mr. Goldsworthy who was APPLAUDED by the General Assembly. Mr. Goldsworthy expressed his appreciation at being elected to the Executive Body.

7.2 Nominations Committee Report - Trustees

Mr. Dalton presented his report (GA Paris 83/NCT-1) which had equally been distributed to General Assembly Members in August 1983. NCT had had to consider the expiring terms of Messrs. Narasimhan, Finch and Goldsworthy and the vacancy (one-year unexpired term) created by the election of Mr. Glaser as Vice-President at the 1982 Rome GA.

Taking into account activity, experience and geographical distribution of IFIP representatives, and the fact that Mr. Goldsworthy had been nominated as Vice-President, NCT recommended the nomination of Mr. Finch for a further three-year term and Messrs. Sendov, Longe and Sacerdoti for the two three-year and one-year terms.

Messrs. Morris, Potter, Goldsworthy and Narasimhan from the floor, nominated Mr. Le Roux.

General Assembly ADOPTED the procedure of first voting in respect of the three-year terms and, subsequently, in respect of the one-year term.

General Assembly ELECTED the following Trustees:

Mr. Finch	(28)	-	1983-1986
Mr. Sendov	(25)	-	1983-1986
Mr. Sacerdoti	(19)	-	1983-1986

(Messrs. Longe and Le Roux obtained respectively 15 and 14 votes.)

Mr. Longe	(18)	-	1983 – 1984
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(Mr. Le Roux obtained 16 votes)

The President congratulated the Trustees elected who were APPLAUDED by the General Assembly Members.

General Assembly gave a VOTE OF THANKS to retiring Vice-President Lehmann and retiring Trustee Narasimhan.

8. FINANCES

8.1 1982 Audited Accounts

Mr. Dalton referred to his Annual Report 1982 / 83 and drew attention to the Statement of Receipts and Expenditures for 1982 (TREAS-1) which showed net assets at the end of 1982 of SFr. 975,588.48, bearing in mind that the Helsinki investments were shown at book value in keeping with the Genevese fiscal law. Total expenses for 1982 amounted to SFr. 277,126.15 against an income of SFr. 476,367.96 – which included surplus from Congress 80 / Australia (SFr. 176.820.86) and other events – totalling SFr. 195,267.41. Mr. Dalton considered the final result for fiscal 1982 of approximately SFr. 200,000 as most satisfactory.

The accounts had been duly audited and Mr. Dalton presented the Auditor's Report (TREAS-2) which confirmed that the accounting records were very well kept.

Drawing attention to the 1982 Income/Expense versus Budget (TREAS-3) contained in the Annual Report, Mr. Dalton said the presentation had now been modified to include the actual income and expense figures of the two previous years. The total 1982 income was in excess of budget, but he

recalled that surpluses were not taken into account in the budgeting mechanism. Mr. Dalton pointed out that the expenses of the Officers were low against budget and those of the Secretariat were well within budget. The Technical Committee expenses were under budget by approximately SFr. 20,000 as were those of the Other Committees. The grants were also below the budgeted figure, so the total expense figure was approximately SFr. 160,000 under that budgeted of SFr. 386,800.

General Assembly unanimously APPROVED the reports TREAS-1 and TREAS-2 and NOTED the report TREAS-3.

8.2 1982 Statement – to 31 July 1983

Mr. Dalton presented the 1983 Income / Expense versus Budget for the first seven months of the fiscal year (TREAS-4) which showed a total income at 31 July of SFr. 260,186.45 (excluding Congress and Conference surpluses of SFr. 23,615.80) against expenditures of SFr. 166,297.58 – resulting in a positive figure of approximately SFr. 94,000 against the budgeted deficit figure of (SFr.99,000). In a briefing on the various expenditures, Mr. Dalton explained that the Grants were in excess of budget by approximately SFr. 11,000 due to the fact that a number of activities – previously approved and budgeted – had been claimed in the current year. He would attempt to overcome this problem in the future by re-budgeting unclaimed grants or loans if the TC Chairmen still required same. Mr. Dalton considered the final results for 1983 would be positive without taking into account the Congress 83 surplus. In this respect, he underlined the excellent income received from royalties in the amount of SFr. 104,000 against the budgeted figure of SFr. 85,000.

General Assembly NOTED the report TREAS-4.

8.3 Dues Situation

Mr. Dalton drew attention to the Membership Dues Position as at 9 September 1983 (Treas-5) showing that 30 of the 43 Member Societies had paid their 1983 Dues which he considered satisfactory, and foresaw no special problems. The GA Members representing Bulgaria and G.D.R confirmed that their respective Society Dues would be forthcoming shortly. Mr. Dalton added that a few Societies had still not paid their 1982 Dues, but felt these would be forthcoming in due course.

As outlined in his Annual Report Mr. Dalton stated that the Dues income should, in principle, relate to the expenses of the Administrative Secretariat. This had not been the case, however, although the Secretariat was run at a low cost. At the 1983 Beijing Council Meeting, it had been confirmed that the formula adopted for Dues revision at the 1976 Tashkent General Assembly Meeting be applied to 1984 – 1986. Consequently, he had duly notified the GA Members of the proposed revisions.

8.4 Investments

Mr. Dalton advised that he was currently finalizing arrangements to transfer all of IFIP's investments to the Swiss Bank Corporation in London (a branch of IFIP's bank in Geneva) which had been appointed to manage IFIP's investments portfolio. He confirmed that the Australian investment had already been received by SBC.

8.5 Current Budget

Mr. Dalton informed that the current Budget had been updated with two items approved at the 1982 Beijing Council Meeting – namely, SFr. 15,000 / IFIP Development Fund and SFr. 2,500 / IFIP Tie.

General Assembly NOTED those changes.

Action

Mr. Morris regretted to note that no claims had thus far been made by the TC Chairmen for support from the Development Fund and felt they would be doing themselves and IFIP a favour if at their next full TC meetings, they looked for ways of using some money to improve what they did – perhaps to speed up some of the things already under consideration. He underlined that IFIP's assets were more than adequate and monies should be invested in the Technical Committees.

8.6 1984 Budget

Mr. Dalton presented the 1984 'draft' Budget which, following some additions, the General Assembly APPROVED, with one abstention.

Action

Mr. Dalton confirmed that he would prepare a final version which would be distributed to concerned parties via the IFIP Secretariat.

(n.b. The Final 1984 Budget showed an income of SFr. 328,800, expenditures of SFr. 495,500 and loans of SFr. 109,500.)

The President thanked Mr. Dalton for his reports and expressed his appreciation of all the work he handled as Treasurer.

9. TECHNICAL COMMITTEES

9.1 TC 2 (Programming)

Mr. Paul referred to his Annual Report and to the 30th meeting of TC 2 which had taken place at the end of May 1983 in Baden / Vienna, Austria

Regarding membership, Mr. Paul announced there was a new member from India who had already been very active in corresponding with himself and the TC 2 Secretary. TC 2 had had two replacements in the case of The Netherlands and South Africa, and liaison had been established with IAPR which had nominated a representative.

Regarding activities, TC 2 had established mainly communication with computer science people at large by means of Working Conferences which had resulted in published books mostly well received by the public as evidenced by the copies sold.

TC 2 and WG's 2.1, 2.4 and 2.7 had sponsored a WC on "Language and System Design", March 1983, Dresden, G.D.R. The Proceedings, edited by Mr. Bormann, would soon be available.

From a scientific point of view, the WC on "System Description Methodology", May 1983, Kecskemet, Hungary – organized jointly with TC's 8 and 10 and the Hungarian Member Society – had been successful and the Proceedings would be edited by Messrs. David and Teichroew. Mr. Paul recalled that IFIP had given a loan of SFr. 5,000 for that WC which, he regretted, had run into a deficit and he, therefore, requested the General Assembly to convert the loan into a grant.

Mr. Paul announced certain WG Officer changes approved by TC 2:

-	WG 2.1	Chairman	-	P. King	(suc. R.B.K. Dewar)
-	WG 2.1	Secretary	-	M Feather	(suc. P. King)
-	WG 2.5	Chairman	-	J.K. Reid	(suc. B. Einarsson)
-	WG 2.5	Secretary	-	F. Chatelin	(suc. J.K. Reid)
-	WG 2.6	Chairman	-	R. Meersman	(suc. G. Nijssen)

Mr. Paul wished to express in the name of TC 2 how much the work of the Officers of its Working Groups was appreciated.

Mr. Paul sought approval of the following Working Conferences:

- WG 2.2 WC on "Formal Description of Programming Concepts III", 1986, Denmark. (Mr. Paul recalled that the Second Conference in that series held in 1982 had been very successful, the Proceedings had been published and well received, and the IFIP grant of SFr.6,000 had been returned).
- WG 2.4 WC on "System Programming Language Experiences and Assessment", 17-21 September 1984, Canterbury, U.K., with a loan of SFr. 6,000. (The WC would show the drive of TC 2 and its WG's to find out what had been accomplished for the computer user by their work.)

- WG 2.5 WC on “Problem Solving Environments for Scientific Computing”, 17-21 June 1985, South of France.
- WG 2.6 WC on “Conceptual Schema Design”, December 1984, Belgium.

Mr. Goldsworthy confirmed that APC had approved foregoing events.

Mr. Paul announced that WG 2.1 (Algol), est. 1962, had revised its Scope with a view to giving more attention to users of systems and sought approval of same, namely:

Scope:

WG 2.1 is responsible for:

- 1) the continuing support of Algol 60 and Algol 68;
- 2) the exploration and evaluation of new ideas in the field of programming, possibly leading to further languages.

WG 2.7 (Operating System Interfaces), est. 1975, likewise sought approval of its amended Scope and Aims, namely:

Scope:

To investigate the nature and concepts of the interfaces of operating systems.

Aims:

- 1) to produce a framework in which user interfaces to an operating system can be described and modelled; such a framework must be capable of modelling existence and future command and response languages, used both locally and in networks;
- 2) to investigate interfaces provided by operating systems to programs outside the operating system and to other computing systems.

Mr. Paul spoke of TC 2's liaison with two sub-committees of ISO's TC 97 – namely, SC 5 (IP Systems/Programming Languages) and SC 16 (Open System Interconnection). Through its liaison with SC 5, Mr. Paul was happy to report that TC 2 had been able to get Algol 60 re-established as an official work item of TC 97. Although Algol 60 did not have the same support as Fortran and Cobol, he felt it had served a good purpose.

In connection with SC 16, Mr. Paul thought it would be very good if IFIP could consider whether it would make sense to seek some activities around the so called 'OSI Reference Model'. The upper layers would certainly have great impact on a lot of computing in general and communication in the field of local area networks.

Action

Mr. Paul said a letter had been sent to all its members to discuss the issue within their Societies and he called on all IFIP Member Societies to consider co-operating on an international basis with standards bodies – not only in respect of scientific programming, but also in regard to user needs. Mr. Goldsworthy said he would certainly like to go ahead, and, Mr. Paul added he already knew of four people in TC 2 who had expressed a positive reaction.

Mr. Paul felt another area where standardization could be of interest to IFIP concerned 'GKS' and he wondered if TC 5 had been in liaison with ISO on that topic. Mr. Vlietstra advised that there was no formal liaison, but two members of WG 5.2 (Computer-Aided Design) had been appointed to serve on the ISO Committee for 'GKS'.

In conclusion, Mr. Paul drew attention to TC 2's budget requests for 1984 (which were approved in the overall IFIP Budget).

The President thanked Mr. Paul for his work and all the activities undertaken by TC 2 and its WG's.

General Assembly unanimously APPROVED the TC 2 report.

9.2 TC 3 (Education)

Mr. Hebenstreit referred to his report (GA Paris 83/ TC 3-1) and advised that TC 3 had held its last meeting in April 1983 in Salzburg, Austria. The week following, a WG 3.4 WC on "Education for Co-operating between System Designers and System users" had also taken place in Salzburg. The WG 3.2 WC on "Informatics Education for all Students at University Level", end June 1983, Delft, The Netherlands, had been extremely successful and the Proceedings, edited by Messrs. Tagg and Lovis, would shortly be published by North-Holland. Mr. Hebenstreit advised that the Summer School on "Microcomputers in Secondary Education", July 1983, Lancaster, had had to be cancelled because of an insufficient number of candidates.

Mr. Hebenstreit referred to three previously-approved Working Conferences planned for 1984 and requested General Assembly confirmation of the respective loans:

- TC 3/TC 9 WC on "Evidence of Social Change caused by Computers in Education", 30 April – 4 May 1984, Toronto, Canada (loan SFr. 2,000 / 83, SFr. 4,000 / 84.)
- TC 3 WC on "Role of Programming in Teaching Informatics", 7-11 May 1984, Paris, France (loan SFr. 2,000 / 83, SFr. 4,000 / 84)

He also requested approval of:

- WG 3.1 WC on "Informatics and Teacher Training", 25-29 July 1984, Birmingham, U.K. (loan SFr. 6,000 – 2,000 / 83, 4,000 / 84). The PC Chairman was Mr. Tinsley and Messrs. Lovis and Tagg would edit the Proceedings.
- WG 3.4 WC on "Changing Requirements for Training and Education in Informatics", 1985, U.S.A. – to be held in connection with WCCE 85 (loan SFr. 6,000 – 2,000 / 84, 4,000 / 85).
- WG 3.3 WC on "Hanging Things on a Micro", 1986, Australia.
- TC 3 Regional Conf. on "Microcomputers in Secondary Education", 1986, Japan.
- TC 3 WC on "Home Computers and Education", 1986, Switzerland.

Mr. Hebenstreit announced that the WG 3.1 Chairman, Mr. Lovis, would complete his second three-year term in December 1983 and thus resign. He wished to express publicly before the General Assembly his appreciation of the work carried out by Mr. Lovis who had been very dynamic and efficient. TC 3 had approved the nomination of Mr. Bollerslev to chair WG 3.1, effective 1 January 1984.

Mr. Hebenstreit recalled the request to revise the Aims and Scopes of TC's and WG's and said this was taking place, but rather slowly as TC 3 only met once a year. WG 3.4 (Post-Secondary Education and Vocational Training), est. 1971, wished to change its title and make some small changes in the definition of its Aims and Scope with which TC 3 was in agreement and sought approval of same:

WG 3.4 (Vocational Education and Training)

Aims:

To update and promote more effective vocational education and training of professionals and para-professionals for the rapidly changing field of informatics.

Scope:

- 1) to examine current vocational curricula and qualifications and investigate the need for changing them;
- 2) to make examples of good practice in vocational and continuing education and training more widely known;
- 3) to collaborate with other TC's and WG's to consider vocational and continuing education and training matters related to their special fields.

Mr. Hebenstreit said there had been a long discussion at the last TC 3 meeting regarding the creation of a new Working Group – 3.5 (Informatics in Primary / Elementary Education). He advised that WG 3.1 (Informatics Education at the Secondary Education Level) had been asked to organize the first WC on “Informatics in Elementary Education”, July 1983, Kiel, F.R.G., and if that proved to be a big success – which was the case, then TC 3 would recommend a new WG as the problems (relating to 6 to 12 and 13-year olds) were different from those normally handled by WG 3.1 (relating to 12 and 13 to 18-year olds). He, therefore, requested approval of the creation of – WG 3.5 (Informatics in Primary / Elementary Education):

Aims and Scope:

- 1) to study the problems arising in informatics education and the use of the methods of informatics in the training of teachers of teachers including teachers already in service;
- 2) to promote the development of informatics education material:
 - i. for the primary / elementary school teachers,
 - ii. for the primary / elementary school curriculum, and this includes the use of the methods of informatics in all disciplines and the individualization of education;
- 3) to bring the problem of informatics education in primary / elementary schools to the attention of school administrators and appropriate authorities to whom they report;
- 4) to advise and assist TC 3 in the preparation of conferences and other activities which involve primary / elementary school education;
- 5) to promote the exchange of information on informatics in all disciplines at the primary / elementary school level, particularly with the objective of aiding developing countries wherever possible.

Mr. Hebenstreit added that a number of people had volunteered for membership and the proposed Chairman was Mr. Lovis.

General Assembly voted independently of the TC 3 report on the issue and APPROVED, with three abstentions, the creation of WG 3.5 with aforementioned Aims and Scope (recognizing there might well be a future restructuring in view of the TC 3 RC report).

The President offered his congratulations to Mr. Hebenstreit and to Mr. Lovis.

Discussion ensued on the TC 3 Review Committee report which has been recorded under Agenda item 11.1

General Assembly unanimously APPROVED the TC 3 report with thanks to Mr. Hebenstreit.

Mr. Sendov recalled that at the 1982 Rome General Assembly Meeting, it had been decided to initiate deeper collaboration with the International Commission of Mathematical Institutions – ICMI, Mr. Goldsworthy indicated that following Mr. Sendov’s intervention, the ICMI President had written to the IFIP President suggesting that a closer relationship could be effected by creating a liaison committee. Mr. Goldsworthy preferred to see direct collaboration between TC 3 and ICMI rather than to create a liaison body and Messrs. Sendov and Hebenstreit were agreeable to that approach.

Mr. Goldsworthy, therefore, moved that IFIP support much closer involvement with ICMI; that IFIP recognize the fundamental importance of that area to IFIP and to the community and that IFIP urge TC 3 to form a close, continuing, effective co-operation and collaboration with ICMI.

General Assembly unanimously ADOPTED the motion.

Action

The President said he would write to the ICMI President accordingly.

Mr. Goldsworthy added that what he had discussed with Messrs. Sendov and Hebenstreit was that reciprocal invitations be encouraged between IFIP and ICMI in relation to educational activities as this would help to create closer collaboration.

9.3 TC 5 (Computer Applications in Technology)

Mr. Vlietstra drew attention to his Annual Report and attached Overview on TC 5 covering its status in the IFIP organization, its work and activities, its Working Groups, past activities, scheduled events, publications, statistics of TC 5 meeting attendance, occasion and dates of TC 5 and its WG meetings and TC 5 membership per June 1983.

Referring to the scheduled events, Mr. Vlietstra announced that the previously-approved IFIP (WG 5.6) / IFAC 5th Symposium on “Ship Operation Automation – ISSOA”, scheduled for 1985, would now take place in 1986 in either Rotterdam or The Hague in The Netherlands. He sought approval of the last two listed items, namely:

- WG 5.2 WC on “The Architecture of CAD Systems”, 1986
- TC 5 Triennial Conference on “Applications in Production and Engineering – CAPE 86”, 25-28 August 1986, Copenhagen, Denmark.

TC 5 had just held its 21st meeting (on 15 September) and established a further list of events for which it sought approval:

- WG 5.6 WC on “The Use of Graphics in Ship Design”, late 1984, Copenhagen, Denmark
- WG 5.6 WC on “Expert Systems Applied in Marine Activities” late 1984, Glasgow, Scotland.
- CASA-SME/IFIP (TC 5) International Conference on “The Factory of the Future”, November 1984, Israel.
- WG 5.6 WC on “Ship Office Automation”, early 1985, Gothenburg, Sweden.
- IFIP (WG 5.6) / IFAC Symposium on “Automation for Safety in Shipping and Offshore Petroleum Operations – ASSOPO 85”, 25-27 June 1985, Trondheim, Norway.
- WG 5.2 Seminar on “CAD / CAM (as part of the Indian National Conference), June 1985, Bangalore, India.
- IFAC / IFIP (TC 5) Symposium on “CAD in Control and Engineering Systems”, 31 July – 2 August 1985, Lyngby, Denmark.

In respect of the Copenhagen and Glasgow WG 5.6 WC’s, a financial aid of SFr. 3,000 was requested for publishing those activities which might possibly be combined in one book.

Mr. Vlietstra advised that TC 5 conducted WC’s in such a way that only experts were invited. Most of the time, not more than 40 people were invited to present papers in a particular area. Usually 12 to 15 papers were selected and the remaining contributors were invited to attend. Not only were the papers published, but the related discussions were also extensively incorporated. A policy had been established in TC 5 to take good care in selecting experts. The discussions were recorded and a certain amount of money was needed to transcribe the tapes which were being generated. The WC Proceedings were selling very well and, in that way, returning to IFIP the investments made in the form of grants. TC 5 felt uncomfortable with the loan aspect and wished the General Assembly to reconsider the whole question of loans and grants.

Mr. Goldsworthy drew attention to discussions and decisions taken at the 1982 General Assembly Meeting whereby APC was given the authority to approve individual grants up to SFr. 8,000 (refer Rome GA Minute, Agenda item 11.1). The President considered that if a TC felt grants were necessary in some cases, there was enough flexibility to cater for same.

Mr. Vlietstra continued that TC 5 (WG 5.3) organized General Conferences such as “PROLAMAT” and another type of Conference series was organized by WG 5.6 on “Ship Automation”, “Safety in Shipping...”, etc. TC 5 was heading in the direction of decreasing the number of General Conferences and increasing highly-specialized Working Conferences.

Referring to the recent "CAPE" Conference which covered all the activities of TC 5, Mr. Vlietstra said future "CAPE" Conferences might become the only General Conferences of TC 5. "CAPE 83" had been attended by 532 participants from 29 countries and considered very successful by all concerned (participants, speakers, exhibitors and the press).

TC 5 also co-sponsored a number of events – predominantly with IFAC.

Mr. Vlietstra drew attention to his 1984 budget requests and asked for SFr. 3,000 grants in respect of each of the following previously-approved events:

- TC 5 /ICID WC on "Computer Applications in Food Production and Agricultural Engineering", 19-22 March 1984, New Delhi, India.
- WG 5.3 WC on "Industrial Robotics in Discrete Manufacturing", 6-8 June 1984, Como, Italy.
- WG 5.7 WC on "Modelling of Production Management Systems", 29-31 August 1984, Copenhagen, Denmark.
- WG 5.2 WC on "Knowledge Based Systems for CAD", 1984, Budapest, Hungary

Regarding TC 5 membership, Mr. Vlietstra was happy to report that the newly-appointed representative for U.S.A. had become active and was setting up a Working Conference. The U.K. had replaced its representative and new representatives had been appointed in respect of Belgium, Bulgaria and South Africa. He regretted that Poland and U.S.S.R. were still unrepresented.

Mr. Vlietstra announced that after some difficulties in replacing the WG 5.2 Acting Chairman, Mr. Warman, the situation had recently been resolved – Mr. Bo would take over the Chairmanship and Mr. Warman would remain in the capacity of Vice-Chairman. New Officers would be announced at the next Council Meeting for WG's 5.3 and 5.7 as the terms of the current Officers were expiring.

Mr. Vlietstra stated TC 5 proposed the establishment of a new Working Group – WG 5.8 (Product Specification and Product Documentation). To speed up the process, the two sub-areas had been combined, but they would inevitably split up in the long run. He trusted the General Assembly would approve the WG 5.8 concept and presented its Scope and Aims:

Scope

To investigate existing methods in Product Specification and Product Documentation, to exchange ideas and information on current developments on the subject matter and to forward the issues raised through publications, conferences and other means.

Aims

The Scope will be realized by focussing on important subareas that will be addressed through specialized TC 5 Working Conferences. The sub-areas include, but are not limited to:

- 1) formal product specification languages;
- 2) compilation methods for petri-nets, evaluation nets, finite state machines, etc.;
- 3) document processing techniques;
- 4) information processing methods of integrated text and graphics;
- 5) interfaces between:
 - Product Specification and CAD
 - CAD and Product Documentation
 - Product Documentation and CAM and Production Management

Mr. Vlietstra added that a formal liaison would be sought with TC 2, TC 8 and TC 10, and with all other organizations active in the subjects covered by WG 5.8.

Mr. Vlietstra announced he was now stepping down as TC 5 Chairman after six years in that role. He would be succeeded by Mr. Rolstadas, the Vice-Chairman. Mr. Smith would take over as Vice-Chairman and Mr. Fransson had been appointed Secretary. Mr. Vlietstra said he would like to thank all the people within IFIP who had been of support to TC 5 and brought it to the level where it currently stood with a good, solid and active membership.

The President sincerely thanked Mr. Vlietstra and said how impressed he had been over the years by the activities of TC 5 and his Chairmanship. He also congratulated him on his Overview giving the historical development of TC which document he found very impressive and extremely useful. The President felt all GA participants shared his opinion.

General Assembly lengthily APLAUDED Mr. Vlietstra and unanimously ADOPTED the TC 5 report.

9.4 TC 6 (Data Communication)

Mr. Danthine drew attention to his Annual Report outlining events during the reporting period, and stated that TC 6 had met the previous day. It currently had three operating Working Groups – 6.1, 6.4 and 6.5.

Due to the very wide area of interest Mr. Danthine said WG 6.1 (Architecture and Protocols for Computer Networks) had been obliged to set up sub-groups. WG 6.1 was still dealing with architecture and had distributed over 400-800 pages of documents mainly related to the OSI Model in the network. Sub-group A had organized a very successful Workshop on "Protocol Specification, Testing and Verification", end May 1982, Zürich, Switzerland. Around 30 papers had been presented and the Proceedings would shortly be available from North-Holland. Sub-group B dealing with Satellite Computer Communications had held its first Meeting in April 1983 attended by more than one hundred persons, of which approximately thirty had declared their willingness to actively participate in the sub-group activity.

Beside distributing documents, Mr. Danthine said the main activity of WG 6.4 (Local Computer Networks) was the running of Working Conferences and, later that month, it would hold a WC on "Ring Technology" at the University of Kent, Canterbury, U.K. WG 6.4 refrained from holding Workshops in its subject area which, at the present time, was too commercially influenced.

WG 6.5 (International Computer Message Systems) had organized six meetings during the last year and was deeply involved in an acceptable definition of what was 'message service'. It worked in close connection with OCITT and had been very active. This WG had several sub-groups – system oriented /CCITT; user-oriented / from the user point of view and using the messaging service for developing service / e.g. India and Brazil. Mr. Danthine added that WG 6.5 was currently trying to complete a big project on messaging systems which would be operational in South America. It wished to help the people from Brazil and Argentina to find a way to go ahead with their technology.

Mr. Danthine commented on TC 6's co-operation with local groups in the Member countries and quoted the 'COM-NET' series as the best example, the third of which was planned for October 1985 in Budapest, Hungary. He also underlined that TC 6 participated in events in faraway places such as South Africa and Australia where it was the 'backbone' of the programme. More than 400 people attended such conferences.

In 1978, Mr. Danthine indicated the General Assembly had complained a little about the fact that TC 6 was the only TC not to have produced a book. Now it had enough books to give IFIP the highest amount of royalty for the last year. He drew attention to the TC 6 Publication List distributed to all GA participants during the course of the Meeting.

Mr. Danthine considered the Ken Owen article on TC 6 was very good and it would go into the Minutes of the TC 6 Meeting. He said all the Ken Owen articles could be bound together in booklet form which would give an interesting presentation on IFIP activities.

Action

The President asked the PIC Chairman, Mr. Morris, to review that possibility.

In respect of the handling of the 'Human-Computer Interaction' issue (the possibility of re-activating WG 6.3 with revised Aims and Scope), it was recalled that a Task Group had been established at the 1982 Rome GA under the Chairmanship of Mr. Shackel to investigate and report on how IFIP might most effectively be involved in that area. It appeared that, because of a lack of communication and unanswered letters between concerned parties, the APC Chairman, Mr. Goldsworthy, was still awaiting Mr. Shackel's report.

Mr. Danthine voiced his unhappiness in respect of one or two other incidents and underlined that IFIP must not forget it was made up of volunteers.

The President felt that if one received a definite request, it should be acknowledged even if the reply intimated the answer would not be forthcoming for a month or so.

Mr. Danthine stressed the relationship TC 6 had established with developing countries which it wished to improve and enlarge and queried the role of ICID. He had applied for support to allow some people from developing countries to attend an important event, but had received a negative response from the ICID Chairman, Mr. Kalman, just two weeks prior to same and he had had to advise the concerned parties accordingly. Mr. Danthine said IFIP continually claimed it wanted to do something for the developing countries, yet every time he had tried to organize a possibility, he had encountered a tremendous problem to get real support.

Mr. Kalman was rather surprised at this declaration as since 1980, TC 6 had received support from ICID-Unesco funds to support at least one activity every year. He pointed out that once a year's contract budget had been approved by Unesco – which took place at year-end, further support could not be contracted for another year following the Unesco GA.

Mr. Danthine said TC 6 sought approval to organize a State-of-the Art Conference on "Data Communication in Developing Countries", 21-23 May 1984, Tunisia, and he requested a grant of SFr. 10,000 (from the IFIP Development Fund) to be used mainly to support invited speakers on a very selective basis.

Additionally, approval was sought for a Conference "COMNET 85", 1-4 October 1985, Budapest, Hungary. A grant of SFr. 10,000 (from the IFIP Development Fund) was requested for the same reason as the aforementioned request.

Mr. Danthine mentioned that the loan of SFr. 3,000 for the WG 6.1 WC held in Zürich, May / June 1983 had not been used and requested that it be allocated to the WG 6.5 WC on "Messaging Systems", 1-4 May 1984, Nottingham, U.K. for use in the current year.

As TC 6 Cognizant Officer, Mr. Piloty said he had attended its meeting in Paris and was impressed by the way TC 6 operated. He underlined TC 6's energetic efforts to do something for the developing countries and shared the view that financial backing should be available. He referred to the plea of Mr. Morris to invest more money in the TC activities and wished to state before the General Assembly that he fully supported this within the limits IFIP had without relying on Unesco funds.

General Assembly unanimously APPROVED the report of Mr. Danthine with the understanding that the financial aspects would have to be further considered.

The President expressed his thanks to Mr. Danthine and appreciation of TC 6's activities and successes in meeting and holding activities in all parts of the world.

9.5 TC 7 (System Modelling and Optimization)

Mr. Stoer advised that TC 7 was quite a large body with around 25 members of whom 10 or 12 usually attended its annual meetings. TC 7 had three Working Groups: WG 7.1 (Modelling and Simulation) which had two subgroups on "Global Modelling" and "Immunological Systems"; WG 7.2 (Computational Techniques in Distributed Systems) and WG 7.3 (Computer System Modelling).

Every two years, TC 7 itself organized a General Conference on "System Modelling and Optimization" which were mostly well attended. The last Conference (11th) had taken place in July 1983 in Copenhagen and had attracted approximately 350 participants. Mr. Stoer was happy to announce that the IFIP loan of SFr 4,000 had already been paid back. The Proceedings of those Conferences were regularly published by Springer. The 12th Conference was scheduled to take place 2 – 5 September 1985 in Budapest in close co-operation with the Hungarian Academy of Sciences. The 13th / 1987 Conference would be held either in Tokyo or somewhere in Australia.

Mr. Stoer reported that WG 7.1 was very active in a number of areas. One particular area concerned Stochastic Filtering and Control/Stochastic Differential Systems and one or two Working Conferences were held each year on those topics. The next one was scheduled for March 1984 in Marseilles, France. Another area concerned Modelling and Data Analysis in Biotechnology and Medical Engineering which also gave rise to two-yearly WC's. The last one had taken place in Ghent, Belgium,

1982 and the Proceedings of same had been published by North-Holland. WG 7.1 had also organized a WC on “Recent Advances in System Theory and Optimization” in Hanoi, Vietnam in January 1983 attended by 50 to 60 people. Mr. Stoer regretted he had not been able to participate, but had been told it was quite successful. It was the first WC of its kind to be held in Vietnam. He also drew attention to another WG 7.1 WC on “Recent Advances in Modelling and Optimization” scheduled for the end of August 1984 in Santiago, Chile.

Referring to the WG 7.1 sub-group on “Immunological Systems”, Mr. Stoer said it was trying to set up a close co-operation between mathematicians and people from the medical field in order to find suitable mathematical models useful for medical people. Its last Working Conference, July 1982, Moscow, had attracted around 70 participants and the next one, entitled “Mathematical Modelling in Immunology” (already approved at the 1982 Rome GA), would take place in Vienna, but the date had not been finalized. So far, co-operation with the medical profession had been centred on people from Eastern Europe and the reason for the Vienna lieu was to involve Western Europeans. Mr. Stoer said TC 7 might eventually establish this sub-group as a Working Group and would observe the outcome of the Vienna WC.

The WG 7.1 sub-group on “Global Modelling” had faced some problems. It had been trying to organize a WC on “Modelling for the Development of the Third World; National, Regional and Global” in Cairo. However, it could not be arranged as planned and would have to be cancelled. Mr. Narasimhan queried if the WC could be postponed rather than cancelled. Mr. Stoer replied that the local people in Cairo did not see any possibility for holding it there. They had had problems in trying to find finances, especially for expenses for invited speakers. Out of a budgeted \$20,000, they had only been able to raise \$5 – 6,000.

General Assembly unanimously APPROVED the report of Mr. Stoer, who was thanked by the President for all the efforts he expended on behalf of TC 7.

9.6 TC 8 (Information Systems)

Mr. Verrijn Stuart regretted he had to report the death of Mr. Dobrev, the Bulgarian representative to TC 8, who had participated in a large number of activities. He had also been a member of WG 8.2. TC 8 extended to his family and the many friends he had left behind its sympathy.

Mr. Verrijn Stuart recalled that at the May 1982 meeting of TC 8, the General Assembly did not accept to reappoint him for a third term, but allowed him to continue until 31 December 1983 pending the appointment of a new Chairman. He was delighted to announce that Mr. Bracchi, the Italian representative to TC 8 had been elected at the TC 8 March 1983 meeting in Zürich, proposed to the President, and would take over as Chairman at the TC 8 meeting taking place in Paris following the Congress and considered he would be a good leader of the Committee.

Mr. Verrijn Stuart drew attention to his Annual Report and to document (GA Paris 83 / TC 8-1). At its March 1983 meeting, TC 8 had also prepared a number of plans, but some still had to be worked out. Due to the unfavourable conjunction of events (GA preceding the Congress and the TC 8 meeting), TC 8 had not been able to further discuss same, but had empowered him to present the new proposals to the General Assembly – as outlined in document (TC 8-1), namely:

- WG 8.1 WC on “Theoretical and Formal Aspects of Information Systems”, March 1985, Barcelona, Spain. General, PC and OC Chairmen, respectively Messrs. Bubenko, Sernades and Olive; Editors to be decided.
- WG 8.1 WC on “Comparative Review of IS Design Methodologies: Improving the Practice”, May 1985, Noordwijkerhout, The Netherlands. General, PC and OC Chairmen, respectively Messrs. Verrijn Stuart, Olle and Sol – who would also be the Editors. This WC was not the CRIS-3 Conference, but intended as a special extra step in the CRIS sequence.
- WG 8.1 on “Environments to support IS Development Methodologies”, Third or Fourth Quarter 1985, France, Switzerland or U.S.A. General and PC Chairmen, respectively Messrs. Wasserman and Lockemann; OC Chairman would be dependent on lieu; Editors to be decided. Mr. Verrijn Stuart said if there should be an overlap problem with other TC’s, then representatives would be welcome on the PC or the title could eventually be changed.

- WG 8.3 WC on “Decision Systems in Information Processing”, 1986, The Netherlands. PC and OC Chairmen, respectively Messrs. McLean and Sol; Editor, Mr. Brookes.
- TC 8 and WG’s Joint (10th Anniversary) WC on “Information Systems Assessment”, 1986, Denmark, U.K. or some other location. GC and PC Chairmen, also Editors, to be decided; DC Chairmen would be dependent on lieu.

A loan in 1984 of SFr. 2,500 was requested for each of the foregoing events, with a similar amount of reserve in 1985, recognizing that they would be repaid as the Conference budgets would aim at a safe nil balance (i.e. modest planned surplus).

Mr. Verrijn Stuart announced that at its last meeting, TC 8 had endorsed the succession of Ms. Mumford to the Chair of WG 8.2 – to take over from Mr. Land.

Mr. Verrijn Stuart explained that TC 8 was regularly reviewing the presence of TC 8 and Working Group members at meetings so that GA could be sure that the Working Groups consisted of active members. TC 8 had 25 members, of which 12 were fairly active in WG 8.1 (Design and Evaluation of IS) and 4 in WG 8.2 (The Interaction of IS and the Organization); however, none in WG 8.3 (Decision Support Systems).

Mr. Verrijn Stuart gave a briefing on the various WG meetings and referred to the officially-established Task Groups under the auspices of WG 8.1 – namely, “Information Systems Engineering”, Chaired by Mr. Wasserman and “Ad Hoc CRIS Committee”, Chaired by Mr. Olle.

Thanks to Mr. Wasserman, the first TG had organized a WC on “Automated Tools for IS Design”, January 82, New Orleans. The Proceedings had sold very well, especially in U.S.A. This WC had overlapped with TC 2, but the problem had been solved by having a TC 2 representative involved in its organization. A further activity was planned - in Europe or U.S.A. – as mentioned earlier.

The second TG was concerned with TC 8’s CRIS activity. Many people were acquainted with one methodology only and did not know if the others existed or did not know what were the strong and weak points. The CRIS exercise was to bring out the points of interest and improve the knowledge of people, in particular those who were developing design systems themselves. Mr. Verrijn Stuart recalled that it was originally planned to hold three Conferences: ‘to take stock of the various design methodologies’, ‘how to compare’ and ‘what to synthesize’. The first WC entitled “Comparative Review of IS Design Methodologies – CRIS I” took place successfully in The Netherlands in May 1982 and the Proceedings were published. The Second WC “Feature Analysis of IS Design Methodologies – CRIS II” had taken place in York, U.K. early in July 1983. However, it was felt not to yet go ahead with the third WC concerned with “Synthesis of Alternative Methodologies for IS System Design – CRIS III”, but for the TC to work out a definite document on ‘Designing Information Systems’. The TG had six members and had already met a few times.

Mr. Verrijn Stuart advised that 105 participants had registered for the WG 8.1 WC “CRIS II” which had made a surplus. 75 persons had participated at the WG 8.2 WC “Beyond Productivity”, August 1983, U.S.A. It had attracted extremely good speakers and the discussions were of excellent quality.

Regarding Office Automation, Mr. Verrijn Stuart stated that Messrs. Bauknecht and Brookes would report to the TC 8 meeting on what they had found in getting people interested. In the meantime, Mr. Kontinen had told him that, in Finland especially, there was a strong group interested in Office Automation. As a result, he and Mr. Kontinen would like to make a proposal to the General Assembly. In the Nordic countries, presumably in Finland, a WC was planned for late 1984 or early 1985 hosted by either the Nordic Union or the Finnish DP Association. Mr. Kontinen would be the liaison man and instrumental in setting up the OC: An international PC would be established with the participation of Messrs. Bauknecht and Brookes. It was requested that APC be empowered to handle the details. Mr. Glaser strongly supported the WC proposal and wished to thank Messrs. Verrijn Stuart and Kontinen for coming up with the idea. He said there had been difficulty in finding a nucleus for this activity and the WC was certainly a step in the right direction. Mr. Glaser trusted that GA would give provisional approval and that APC could give formal approval in due course. Mr. Verrijn Stuart said they would like to refer to the subject as ‘Office Systems’ rather than “Automation”.

Mr. Kontinen mentioned he was a consultant in automation and, prior to the GA Meeting, had contacted four other organizations in Chairing a Working Group on that topic.

He received four responses from people willing to become a member. Therefore, if a WG would eventually be established, one member from Finland would be available. Mr. Kontinen continued that Finland had an organization running several events each year, but there had never been an IFIP event in Finland.

Action

If GA, in principle, were in agreement, he would arrange for APC to be sent a written suggestion for the utilization of IFIP's name in connection with the Working Conference which he was certain would be successful, and would personally do what he could to avoid any failure.

Mr. Danthine said TC 6 would like to assist in the project as it was interested in the communication idea of Office Automation; messaging systems were of importance to OA.

Action

Mr. Verrijn Stuart replied that if Mr. Danthine could supply him with some names of someone to participate on the Programme Committee, this would be appreciated and a great help.

Mr. Verrijn Stuart said it was difficult to get large groups of people to move to remote places and, in TC 8, people always wanted to go to Western Europe. Nevertheless, an activity was being planned in Australia. He regretted that TC 8 was not as successful as some of the other TC's in respect of geographical distribution of events.

In regard to the North-Holland figures, Mr. Verrijn Stuart said it should be noted that the Proceedings of TC 8 events were of increasing interest to the world. He also referred to the success of the Open Conferences (based on CRIS WC material) which had taken place in Oslo and Stockholm and to those scheduled for London and Lisbon. They generated more interest in the subject which would increase royalties and the IFIP label would be recognized in even wider circles.

In conclusion, Mr. Verrijn Stuart said he would like to thank the APC Chairman, Mr. Goldsworthy, for what he had done in recent years, and he was most grateful to those people who were active in the TC 8 family.

The President thanked Mr. Verrijn Stuart for his extensive report and moved that it be approved with all the requests taken into consideration.

General Assembly APPROVED the TC 8 report, with one abstention.

The President expressed the appreciation of the General Assembly to Mr. Verrijn Stuart for all his activities in bringing TC 8 into its present shape.

General Assembly APPLAUDED Mr. Verrijn Stuart-

9.7 TC 9 (Relationship between Computers and Society)

Mr. Margulies drew attention to his Annual Report and advised that within a period of 14 months two Chairmen had had to resign. In May 1981, Mr. Gottlieb stepped down after being Chairman for nearly six years. His successor, Mr. Brotherton, was forced to resign in July 1982 on account of serious health reasons. As the former Vice-Chairman of TC 9, Mr. Margulies said he had then been asked to act as Interim Chairman with the primary task of preparing the proper election of a new Chairman. As the President had announced at the opening of the General Assembly, TC 9 now had a newly-elected Chairman, Mr. Sackman (U.S.A.), and a new Vice-Chairman, Mr. Levrat (Switzerland).

Mr. Margulies recalled that TC 9 dealt with an extremely wide range of topics covered only partly by its two Working Groups – 9.1 (Computers and Work) and WG 9.2 (Social Accountability) which had been split into two Cores: namely, European and North-American.

During the last 14 months, everything concerning a wider public was carried out by WG 9.1 while TC 9 and WG 9.2 confined themselves to internal meetings in preparation of future activities.

Apart from three internal meetings, WG 9.1 had organized a WC on "Systems Design For, With and By the User", September 1982, Riva del Sole, Italy where more than 30 papers had been presented to around 80 participants. The Proceedings were published six months following the WC thanks to the efficiency and co-operation of the Editors, Messrs. Briefs, Ciborra and Schneider, and North-Holland. Together with TC 3, WG 9.1 had also organized a WC on "Education for System Designer / User Co-

operation”, April 1983, Salzburg, Austria attended by 28 participants from 12 countries. Additionally, WG 9.1 had published a “Reader on Social Aspects of Computerization (ROSAC)”, edited by Messrs. Briefs, Kjaer and Rigal, which had been made available to all TC 9 members.

WG 9.2 (European Core) had held three meetings in preparation of a WC on “The Benevolent Bureaucracy” scheduled for September 1984 in France. Mr. Margulies informed that the WG 9.2 (North-American Core) had been ‘non-existent’ during the reporting period and TC 9 had been asking itself whether good intentions alone would justify to expect a forthcoming change. He, therefore, had suggested the merger of the two Cores and to intensify joint discussions, planning and programmes of action – thus contributing to one common target at a time.

Reverting to the WG 9.1 / TC 3 Salzburg WC, Mr. Margulies advised that one evening during the WC, the participants had met with approximately 100 Trade Union local representatives during which encounter the meaning of IFIP and TC’s 9 and 3 had been explained. At the TC 9 meeting just held in Paris, Mr. Margulies said the participants had had a discussion on social issues with people from Paris research institutions, enterprises and different TU organizations. He considered this confrontation with ‘real’ life could help TC 9 to ask the right questions and find the proper answers related to ‘Computers and Society’. Additionally, TC 9 had to find a common link with the other Technical Committees to develop common activities.

Mr. Margulies strongly indicated that ‘Society’ had to be changed to ensure that human achievements were used for the benefit of humanity – to solve problems rather than aggravate them, to save the world rather than destroy it. He felt IFIP as a scientific and social world institution, together with similar institutions, could considerably contribute to accomplish that task.

Mr. Margulies gave a briefing on the First and Second Conferences on “Human Choice and Computers” held respectively in 1974 and 1979 in Austria, and pointed out that the average worker / employee blamed technology for certain results of automation (unemployment, etc) whereas he should blame the misuse of technology. The Third Conference was scheduled to take place in September 1985 in Stockholm, Sweden.

Mr. Margulies underlined the importance for IFIP of the interdisciplinary and partly non-technical character of TC 9 and felt that IFIP Congresses and Conferences should emphasize the overall importance of “Computers and Society” by inviting relevant contributions. TC 9 had noted with pleasure Mr. Zemanek’s article in the latest issue of “Computer Compacts” on “International Effects in Social Problems of Information Processing”, and trusted that the IFIP Newsletter would also help in drawing attention to TC 9 activities.

Mr. Margulies presented the 1984 and 1985 plans:

- WG 9.1 WC on “Personal Control and Information Systems”, 28-30 May, 1984, Vienna, Austria (loan request: SFr. 2,000).
- the aforementioned WG 9.2 event “The Benevolent Bureaucracy”, September 1984, Jouy-en-Josas, France (loan request: SFr.5,000).
- WG 9.1 Int. Conf. on “Woman, Work and Computerization”, 17-21 September 1984, Riva del Sole, Italy (loan request: SFr.3,000).
- early 1985, a follow-up of the WG 9.1 / TC 3 WC on “System Design For, With and By the User” which would explore “How to Support Participatory System Development”.
- Third Conference on “Human Choice and Computers”, September 1985, Stockholm Sweden (loan request: SFr.3,000 – in 1984).

Additionally, preparations were underway to contribute to IFIP Congress 86.

Mr. Margulies also requested a loan of SFr. 1,000 for the previously-approved TC 9 / TC 3 WC on “Evidence of Social Change Caused by Computers in Education”, April 1984, Toronto, Canada. TC 9’s budget requests for general expenses, etc. were approved in the overall 1984 IFIP Budget.

In conclusion, Mr. Margulies said TC 9 sincerely thanked Mr. Melbye, its Cognizant Officer, for his calm and extremely efficient help. Now that he was withdrawing from IFIP activities, Mr. Margulies wished to thank all the people who had given him the opportunity to work in the great IFIP family in the fascinating and challenging field of “Computers and Society” and, above all, to express his gratitude and appreciation to Mr. Zemanek who, by his initiative and understanding of the present and future of IP, had made that possible.

The President said that everyone very much appreciated how Mr. Margulies had ‘breached the gap’ and undertaken a lot of work in spite of all his other duties and obligations.

General Assembly gave a VOTE OF THANKS to Mr. Margulies.

Mr. Sackman took the floor and wished to reiterate how Mr. Margulies had been absolutely valuable with his great talent and incredible activity over the many years he had been working with TC 9.

Mr. Sackman gave a briefing on the Third Conference on “Human Choice and Computers – HCC 3”, outlining the objectives and central theme (comparative national reports on the social impacts of computers from the distinctive view point of each participating country), methodology for national reports, speakers / authors, the Conference design and development and Conference papers (approximately 15-20 representing some 15-20 national reports). Mr. Sackman added that there would be a group of Working Committees during the Conference which would represent the nine major goals set up by TC 9 in its ten year plan, namely: ‘Individual Rights’, Employment and the Quality of Working Life’, ‘International Studies in Social Impacts’, ‘International Problem Solving’, ‘Professional Social Accountability’, ‘Universal Social Benefits’, ‘Collective and Group Rights’, ‘International Planning and Co-operation’ and ‘Education and Computer Literacy’. HCC 3 was scheduled to last four days and the Proceedings (the first, in –depth authoritative cross-cultural comparison of social impacts of computers around the world from the view point of national reports) could become a very important international study.

The President thanked Mr. Sackman for the information on HCC 3 and wished him and TC 9 every success with the implementation of same.

General Assembly ADOPTED the TC 9 report, with one abstention.

9.8 TC 10 (Digital Systems Design)

Mr. Aspinall said his main report was contained in the Annual Report where a lot of information had been presented, including a reprint of the Ken Owen article on TC 10 (originally published in October 1982) entitled “Very Large Scale Complexity: the Challenge of Systems Design”. TC 10 had three new members – Bulgaria (first time), Finland and Italy. It delegated its activities to the various Working Groups which ran Working Conferences and Workshops.

WG 10.1 (System Concepts and Characteristics) had just held a very successful Working Conference in Lille, France according to preliminary reports.

WG 10.2 (Digital Systems Descriptions and Design Tools) was concerned with ‘Computer Hardware Description Languages’. Its last meeting had taken place in May 1983 in Pittsburgh, U.S.A., in conjunction with a most successful Working Conference and the IFIP loan to same had already been repaid.

WG 10.3 (Software / Hardware Interrelation) had been a problem over the years. It was an important WG, being an interface between Software and Hardware of Computer Systems. WG 10.3 had a very wide Scope and had had difficulty in organizing itself to be fully effective. Now, there seemed to be an active Committee steering the progress of WG 10.3 which was planning a Workshop early in 1984 and Mr. Aspinall hoped it would be successful. There were other activities which would ultimately become the responsibility of WG 10.3.

WG 10.4 (Reliable Computing and Fault Tolerance) continued its collaboration with IEEE in U.S.A. and two International Conferences on “Fault Tolerant Computing” were lined up for June 1984 and June 1985.

WG 10.5 (Very Large Scale Integration 'VLSI') was very active and had recently held a very successful Open Conference in Trondheim, Norway which Mr. Aspinall hoped would prove to be an "earner" for IFIP. Dealing in an important area – as seen by government and industry – WG 10.5 was able to arrange Workshops (three per year) which could be undertaken without IFIP funding, and there were big plans for the future. The difficulties encountered were that WG 10.5 was too successful, too active, and seemed to interact with other Societies not around the General Assembly table.

Mr. Aspinall referred to his one-page document (GA Paris 83/TC 10) and pointed out that many activities of TC 10 laid within the scope of Electrical or Electronic Engineering Learned Societies. Some IFIP Members included such Societies and formal links to TC 10 had been made. In those countries which did not have that arrangement, the links relied on personal contacts. Mr. Aspinall considered it would be useful if there were a formal link between all the IFIP Members and their native EE Societies so that the contacts could be institutionalized in order to make progress.

Action

Mr. Aspinall asked the IFIP Members to consider whether or not they needed to establish more formal links with their native EE Societies, if they did not already exist. He added that if such links could be established, it would make life easier for TC 10 in the future.

In respect of "New Generation Comp. Systems", Mr. Aspinall recalled that at the 1982 Rome GA, it had been mentioned that TC 10 / WG 10.3 were hoping to develop a WC on that topic. Progress had been made and a WC was intended to take place in Manchester, U.K. specifically concerned with the hardware of Fifth Generation Computer Systems. It had become clear that TC 10 had an interconnection with TC 2 and it was proposed that there be a similar WC, in collaboration with TC 2, in Nancy, France in September 1984. Mr. Aspinall underlined the New Generation technology which would have an impact on new applications of computers in the coming years. Apart from TC 10 and TC 2, there was not much evidence in other parts of IFIP of activity in connection with this technology and, as the New Generation systems affected all of IFIP, wondered if it should have an inter-TC Task Force to consider same.

Action

The President felt that the GA Members should gather together, from time to time, all their TC representatives.

It was moved that the TC 10 report be approved, taking into consideration the following planned activities and loan requests:

- Loan requests of SFr. 5,000 each for two previously-approved events
 - WG 10.3 WC on "New Generation Computer Architecture", 17-19 September 1984, Manchester, U.K.
 - TC 10 / J.V. Newman Computer Society Open Conference on "Parallel Computing Techniques – CONPAR 85", March 1985, Hungary.

- WG 10.3 Workshop on "Hardware Supported Implementation of Concurrent Languages in Distributed Systems", 26-28 March 1984, Bristol, UK. (loan request: SFr. 5,000).
- TC 10 / TC 2 WC on "Functional Programming Languages and Computer Architecture", September 1984, Nancy, France (loan request: SFr. 5,000).
- TC 10 / IEEE 15th Int. Conf. on "Fault Tolerant Computing", June 1985, Ann Arbor, Michigan, U.S.A.

General Assembly unanimously APPROVED the TC 10 report with thanks to Mr. Aspinall.

10. IMIA

Mr. Abbott, IMIA Secretary, brought apologies from Mr. Shires, outgoing IMIA President, and Mr. Peterson, incoming IMIA President, for their non-attendance as they were otherwise engaged.

Mr. Abbott commented on Medinfo 83 (refer Agenda item 14).

The sixth IMIA General Assembly had taken place in Amsterdam, The Netherlands, 20-21 August 1983, and IMIA was pleased to report that 1983 had been a very good year.

Argentina (SADIO), Brazil (SUCESU), China (CMIA) and Italy (AICA) had been admitted as Full Members and Japan had changed the name of the representative Society to 'Japanese Association for Medical Informatics'. It was hoped that IMIA would receive membership applications from C.S.S.R., Egypt, Hong Kong and U.S.S.R.

In respect of Regional Organizations, IMIA Europe (EFMI) had scheduled its future Annual Conferences, namely: Brussels, Belgium / 1984 and Helsinki, Finland / 1985. IMIA Latin America and Caribbean (IMIA-LAC) was established by the General Assembly of IMIA which accepted the invitation of IMIA-LAC to hold its 1984 GA in Buenos Aires.

As to International Organizations, IMIA had a good relationship with WHO and was very fortunate in having to deal with Mr. Mandil of that organization. Relations were also functioning well with CIOMS, IBI, IHF (International Hospital Federation) and WMA (World Medical Association).

Mr. Abbott informed that IMIA had had five successful Working Conferences during the past twelve months which had resulted in publications through North-Holland. North-Holland had also published an information brochure on IMIA giving details of IMIA's objectives and aims and of its various publications. Mr. Abbott added that IMIA had been very satisfied with the K. Owen article on its activities which was being used in the Member countries and in a number of organizations. IMIA also had an active Newsletter which was extensively distributed. Additionally, IMIA had set up a small PR Committee to keep its name in front of the public.

Mr. Abbott announced that Medinfo 86 would take place in Washington, U.S.A. in October 1986. The U.S.A. had organized a Council of Groups of Societies which would host the event. The Organizing and Programme Committee Chairmen were respectively Messrs. Lindberg and Van Bommel. Mr. Tanaka added that the eleven Council Members consisted of eight Medical Societies, AFIPS, a Computer Society and one other.

Four new Working Groups had been created, thus bringing the total up to ten, namely:

- WG 7 (Biomedical Pattern Recognition)
- WG 8 (Nursing Informatics)
- WG 9 (Medical Informatics in Developing Countries)
- WG 10 (Hospital Information Systems)

Mr. Abbott gave a briefing on the planned 1984 Working Conferences:

- "The Role of Informatics in health Data Coding and Classification Systems", September 1984, Ottawa, Canada;
- "The Role of Informatics in the Reconstruction of Health Care Systems", October 1984, Brindisi, Italy;

and the eight Working Conferences scheduled for 1985 (refer listing attached to the IFIP 6-Year Plan).

At its 1983 General Assembly Meeting, IMIA elected the following Officers: President H. Peterson, Vice-President S. Kaihara, Past-President D. Shires and Treasurer J. Flint of Canada. Mr. Abbott said he was also staying on as Secretary for one year to maintain a certain amount of continuity. He added that the IMIA Board would meet in May 1984 in Washington, D.C., U.S.A. and in February 1985, possibly in Egypt.

Mr. Abbott presented the financial reports for 1983-1985 and mentioned that with the successful financial outcome of Medinfo 83, IMIA would be financially stable in its operational budget for the next three years. However, IMIA would like to apply to IFIP for a SFr. 10,000 grant for international development to help IMIA-LAC set up its organizational structure / Secretariat function.

Mr. Finch commented that IFIP had continually requested that its Treasurer be kept informed of IMIA's finances as they went along, but this had not happened and he was pessimistic that this reporting channel would improve. Regarding IMIA "GA", as a matter of protocol, IFIP wished this to continue to be known as IMIA "General Conference" to avoid confusion between the Annual Meetings of IFIP "GA" and IMIA.

In reply, Mr. Abbott stressed IMIA had been very pleased to appoint Mr. Flint as its new Treasurer. IMIA needed someone of his calibre to look after its accounts. IMIA was anxious to improve the shortcomings and hoped the situation would improve in the next twelve months.

Action

As to the question of "General Conference" instead of "GA", he would take this back to IMIA.

Mr. Hernaes recalled that IFIP had agreed to support IMIA with establishment grants in three successive years of SFr. 30,000, SFr. 20,000 and SFr. 10,000 and, therefore, queried this new request of a grant for SFr. 10,000. Mr. Glaser was also concerned about the grant request and felt it looked as if IMIA were expecting a deficit, yet it had a large variety of activities. If IMIA wanted to be a SIG and stand on its own feet, it should do so without grants from IFIP. He disfavoured giving the SFr. 10,000 grant. Mr. Glaser additionally stated that if IFIP were to approve the IMIA 1984 budget, it should see last year's actual versus budget in order to know how IMIA performed against budget. Further discussion ensued on that subject.

(This Agenda item was adjourned so that Messrs. Abbott, Finch and Dalton could discuss all the financial aspects.)

Subsequently, Mr. Finch informed that the financial statements were unsatisfactory as currently expressed. He believed that the introduction of Mr. Flint as Treasurer would assist in allowing IFIP to receive more meaningful documents.

Action

It had been agreed that the SFr. 10,000 grant request would not be included in the report, and that IMIA would go back to its financial statements and accounting and give valid information – which might be available at the time of the next Council Meeting so that the IFIP Treasurer could consider same at that time.

Mr. Finch moved that the report of Mr. Abbott on behalf of IMIA be approved with the exclusion of the SFr. 10,000 grant request.

General Assembly ADOPTED the motion, with three objections, with thanks to Mr. Abbott.

The President underlined that Mr. Shires had performed a marvellous job in bringing IMIA to its present stage, which was heartily endorsed by Messrs. Finch and Glaser.

General Assembly gave a VOTE OF THANKS to Mr. Shires.

11. COMMITTEE REPORTS

11.1 Activity Planning Committee

Mr. Goldsworthy announced that APC had met the previous day in Paris and referred to his report (CGA Paris 83 – APC-1). As mentioned in his Annual Report, Mr. Goldsworthy said APC had tried to improve its effectiveness by delegating portfolios with particular responsibilities to some of its members.

Approval of Activities

Recalling the system initiated at the 1982 Rome GA whereby APC could have the authority and responsibility to approve activities and relieve GA, and thus assist the TC Chairmen in obtaining approval progressively throughout the year, it was new and still settling down.

Action

Notwithstanding, Mr. Goldsworthy asked the TC Chairmen to advise him if they were having any problems with the said system.

Task Group on Artificial Intelligence

In view of the fact that IJCAII had been accepted as an Affiliate Member of IFIP, Mr. Goldsworthy advised that the Task Group had now been disbanded with thanks to the Chairman, Mr. Dorodnicyn, and members for their contribution. Nevertheless, APC felt IFIP must continue to have the option of taking initiatives in the AI field and, to realize this objective, a close and effective relationship should be developed between IFIP and IJCAII. (Kindly refer Agenda item 6).

E.D.P. Security

Mr. Goldsworthy advised that this subject would be reported in detail under Agenda item 11.1.1, but mentioned that, after a very lengthy discussion, APC recommended the creation of a Technical Committee on Security (TC 11) with Mr. Beckman as the initial Chairman.

Task Group on Restructuring

Mr. Goldsworthy stated that APC saw a need to review and re-assess the operational structure of IFIP in the sense that IFIP was now confronted with new areas of activity. Questions had been raised as to whether the current structure of IFIP (TC's, WG's SIG's and Affiliate Members) was the most appropriate. APC had decided it was a suitable time to review those aspects and, consequently, proposed the establishment of a Task Group under the Chairmanship of Mr. Morris who would canvass for as wide an information as possible.

Action

Mr. Morris said if there were any persons who would like to participate in the work of the TG, to kindly contact him and reiterated that, initially, the TG would seek information on a very wide scale so that everyone could have a chance to contribute. Mr. Paul pointed out that the TC would have a tremendous effect on IFIP and its duration and urged that someone active in the technical work of IFIP be a member of the TG from its outset. Mr. Goldsworthy felt it was recognized that it was a sensitive as well as an important issue and could not be treated without giving ample time to everybody. The eventual report of the TG would be discussed at length by APC, mainly, and, he hoped, by the General Assembly.

General Assembly unanimously APPROVED the creation of a Task Group on Restructuring under the Chairmanship of Mr. Morris.

Later on, Mr. Morris advised that the initial members of the TG were Messrs. Le Roux, Melbye, Navez, Paul, Sendov and Vlietstra.

Public Sector Data Processing

Mr. Goldsworthy drew attention to his Annual Report containing a brief history on the subject. The Programme Committee of the IFIP-sponsored first International Conference on the topic, February 1983, Vienna, Austria had been asked to continue as a Task Group under the Chairmanship of Mr. Barnes to report on how IFIP should proceed in relation to Public Sector Data Processing. No report had yet been received, but a meeting had been arranged for October 1983 when this particular issue would be discussed. Mr. Morris indicated that Mr. Barnes was most enthusiastic about the whole project and felt positive news would be forthcoming from the TG.

Information as a Resource

Mr. Goldsworthy advised there had been little progress due to the change of Chairmen in TC 9. However, the matter would be further pursued with that Committee.

Regional Event in Africa

Mr. Goldsworthy recalled there had been discussions from time to time on the need to generate IFIP events, particularly in Latin America and in Africa. APC had further discussed this at its meeting and was of the opinion that such types of activity would never be realized unless someone took a positive lead and collaborated with other nations in the area to organize those events. As mentioned to the Council, Mr. Goldsworthy said Mr. le Roux, GA Member for South Africa, had indicated he would initiate a meeting of the African delegates to try to activate a start of events.

Office Automation

There had been a Task Group. It was recommended and agreed that this field was more appropriate for TC 8 which was urged to try and find the necessary people to pursue that activity as quickly as possible. The Task Group had, consequently, been disbanded. (Kindly refer to Agenda item 9.6).

TC Reviews

- TC 3 Review Committee:

Mr. Goldsworthy informed that the TC 3 RC, Chaired by Mr. Narasimhan, had produced an extensive report. APC had considered same at length and had endorsed the recommendations which included a significant restructuring of the Working Groups. Discussion ensued because the report had not yet been studied by TC 3. Mr. Hebenstreit explained that he, as TC 3 Chairman, thought it was a very valuable document with a number of interesting remarks. He had received same at the end of March / beginning of April 1983 which had not been in time for presentation to the last TC 3 meeting. TC 3 would be meeting again in May 1984, so he would not be able to report on TC 3's comments before the next GA. Mr. Narasimhan considered this reasonable as it was essential that the report be discussed by the concerned people. Mr. Hebenstreit made several suggestions as to how a Review might be undertaken and stressed the importance of attendance at the 'under-review' TC meeting(s) by members of a Review Committee as Observers, as only by confrontation with the feelings and reactions could a report be really useful. Mr. Goldsworthy said APC wished to record its appreciation of the valuable work effected by Mr. Narasimhan and the members of TC 3 RC.

- Reviews in general:

Mr. Goldsworthy stated APC was of the opinion that the reviewing procedures developed to-date could perhaps be improved as they were rather time-consuming, etc. and it was considered that a Review of the reviewing procedures would be worthwhile. APC wished to establish a Task Group for the purpose under the Chairmanship of Mr. Glaser, and Mr. Goldsworthy so moved.

General Assembly unanimously ADOPTED the motion.

- Review Schedule and new TC RC's:

Mr. Goldsworthy drew attention to the Reviews Schedule in his Annual Report, namely: 1984 – TC 6 and TC 9; 1985 – TC 5 and TC 7; 1986 – TC 10 and IMIA.

Mr. Glaser proposed the following Review Committees for the approval of the General Assembly:

- Review of TC 6 – 1984:

Chairman	–	Mr. Sacerdoti
APC Member	–	Mr. Le Roux
TC Chairman	–	Mr. Danthine
Outside Expert	–	not yet known

General Assembly APPROVED, with two abstentions, the TC 6 Review Committee Action on the understanding that the Outside Expert would be designated by Mr. Sacerdoti.

- Review of TC 9 – 1984:

Chairman	–	Mr. Hernaes
APC Member	–	Mr. Glaser
TC Chairman	–	Mr. Sackman
Outside Expert	–	not yet known, But will be from Scandinavia

General Assembly APPROVED, with one abstention, the TC 9 Review Committee Action on the understanding that the Outside Expert would be designated by Mr. Hernaes.

In the case of TC 8, currently under review, its Chairman – Mr. Verrijn Stuart had just been succeeded by Mr. Bracchi. Mr. Glaser therefore, called for the concurrence of the General Assembly to allow Mr. Verrijn Stuart to continue in his role on the RC. Mr. Rolstadas queried if there were anything to prevent both Messrs. Verrijn Stuart and Bracchi being on the RC, which was strongly supported by Mr. Le Roux, and Mr. Finch also felt this would be an acceptable and most desirable arrangement.

General Assembly VOTED, with three abstentions, in favour of both Messrs. Verrijn Stuart and Bracchi being on the TC 8 Review Committee.

Revival of TC 1

This issue had been discussed at previous Meetings. Mr. Goldsworthy had spoken with Mr. Schneider who had hoped to get a proposal together by the time of the GA; however, he had received a telex saying Mr. Schneider had had insufficient time to formulate such a proposal and would send same to Mr. Goldsworthy within the next 2-3 months. Mr. Zemanek said IFIP needed a TC 1 to control what Mr. Schneider was doing and to help him in carrying out his job. Mr. Goldsworthy's understanding was that Mr. Schneider was one individual who was prepared to do the work and the proposal should outline a feasible way. Nevertheless, this did not mean that it would be automatically accepted, nor that he would be, de facto, the TC Chairman.

Mr. Sendov considered the matter as very important and said his country (Bulgaria) would be very interested to see the work undertaken which would be officially translated; a strong TC 1 was certainly needed. Mr. Goldsworthy wondered if Mr. Zemanek or other members could suggest a TC Chairman. Mr. Kontinen remarked that terminology in DP had been carried out by ISO with considerable success and felt IFIP should support the ISO work instead of diverting. Mr. Zemanek replied that IFIP would be concerned with a lexicon, not terminology; it would be a collection of entries.

Mr. Paul was very much in line with Mr. Zemanek – that IFIP should not commission one person to make a proposal. He felt a situation could arise whereby IFIP could not form TC 1 without giving a strong position to that one person, whereas IFIP should be free to create TC 1 as it desired. Mr. Piloty also felt it could be a doubtful enterprise.

Mr. Verrijn Stuart recalled that several years beforehand, Mr. Schneider had been Chairman of WG 8.1. He had also produced a lexicon in his own language (German) which was an excellent piece of work with interesting cross-references, etc. In fact, he had participated in some of the work.

Mr. Zemanek gave a briefing on the original TC 1 and its activity at the request of Mr. Kontinen who ultimately considered that the current issue was a Publications Matter. If IFIP wished to participate, then it should establish a kind of Referee Committee for checking the lexicon. Messrs. Glaser, Rolstadas and Piloty supported Mr. Kontinen's suggestion. Mr. Sendov also felt this work was not for a TC. Mr. Kontinen said the Referee Committee should be established after accepting the proposal of Mr. Schneider.

Mr. Tanaka felt it was a task to be handled by APC; however, Mr. Goldsworthy thought it was going to be the responsibility of PC which he considered an excellent suggestion. Mr. Zemanek considered it was certainly not a task of PC which looked at a publication once it was available. PC should not look into the entries. A couple of interested people should help Mr. Schneider to get more people together and some mechanism should be established – a vehicle was required. Mr. Hebenstreit strongly supported Mr. Zemanek's view point. TC 3 had been asked by Unesco to contribute to a dictionary of Computer Science and had asked interested people to write down their names and they had the contact with Unesco.

Action

The President said he would like to ask Mr. Zemanek (as an individual and not as PC Chairman) to write to one or two people and inform APC of any positive reactions. APC would the report to the next GA Meeting on the findings.

Monitoring of IFIP's Progress

In the first quarter APC meeting, it had been considered worthwhile to review and re-asses the achievements of IFIP and its objectives and perhaps establish a system to find out whether IFIP was going forwards or backwards. There was a need to monitor the effectiveness of IFIP to ensure that it progressed at all times. Mr. Zich had agreed to write a position report, but had not yet had the opportunity to do so. Mr. Goldsworthy confirmed that Mr. Zich was still willing to undertake that task.

State-of-the-Art Reports

Mr. Goldsworthy recalled that for some time there had been various suggestions and proposals put forward in IFIP for the production of State-of-the-Art Reports. Mr. Rossbach (Springer) had put forward a proposal to APC which had, in principle, accepted same and now recommended it to the General Assembly, along with the suggestion that it be referred to PC for consideration and early action.

The proposal envisaged:

Title: IFIP State-of-the-Art Reports (six per year)
Edited by: Working Group + Responsible Editor
Type: Survey/Reverence Work
Audience: Practitioners and researchers in computer science
Prices: 8-10 cent/page (200-300 pages per volume)

Production terms:

- Hardcover
- Camera ready manuscript (Springer guidelines for the preparation)
- Production time: 12 weeks
- Prinrun depending on subject treated: average: 3,000

Promotion and distribution:

- North and South America (thru Springer Verlag Inc., N.Y.)
- Japan and Far East (thru Springer Verlag, Tokyo)
- Europe, Middle East, Africa and Australia (thru Springer Verlag, Berlin-Heidelberg)

Production in Heidelberg; Editorial support available from Springer-offices in New York and Heidelberg.

Royalties:

- 10 percent of net price (list price minus tax) for volume editor
- 3 percent of net price for IFIP

Free copies: 1 for each contributing author
1 for each EG member (ed. WG)
5 for editor, 3 for IFIP (Sec't)

Mr. Goldsworthy added that APC was strongly of the opinion that provision should be included for the printing of cheaper editions of each volume by member Societies where they considered a potential market existed in their respective countries for such a publication, and Mr. Rossbach had stated that such an agreement was possible.

Mr. Rolstadas considered the proposal an excellent framework, but it did not solve the problem – it was not so easy to find authors and considered the production of six per year was rather a high aim. Mr. Paul concurred.

After discussion, Mr. Glaser recommended that PC be asked to negotiate a contract with Springer to execute as soon as possible the presented proposal, an in keeping with other arrangements IFIP had with its publishers. Mr. Zemanek said it had been the intention to handle case by case; one Report was currently in preparation.

Mr. Goldsworthy moved that PC and Springer and all those who might become authors in that field go along with the presented proposal as a basis.

General Assembly ADOPTED the motion, with one abstention.

History of Information Processing

Mr. Goldsworthy stated that this subject had been discussed at prior meetings and, at the 1982 Rome GA, a Task Group had been established under the Chairmanship of Dr. K.G. Beauchamp of the University of Lancaster, U.K. The TG Chairman had put forward Aims and Scope and already identified various people who would be prepared to actively participate in the activity and proposed meetings. APC considered he had done an excellent job.

Mr. Goldsworthy said that in order to set up the matter and integrate it into IFIP, the establishment of a Committee on the History of Information Processing was recommended which would be primarily concerned with the history of digital computation, and he so moved.

General Assembly ADOPTED the motion, with three abstentions. It was understood that, at the outset, it would be an Ad Hoc Committee.

Following a slight amendment to the proposal, General Assembly unanimously APPROVED the Terms of reference (Aims and Scope) as follows:

AIMS

To promote the recording of factual information and storage of artefacts concerned with the history of information processing.

SCOPE

The scope of the activities is such as to encompass the setting up of conferences and institutional meetings alone or in collaboration with other interested bodies, encouraging the preparation of written histories and recording of interviews with individuals who have made important contributions to the subject. To assist in the preservation of technology artefacts by museums and other public bodies and the maintenance of a corpus of historical information to the benefit of the Federation and other interested organizations.

Mr. Freeman wondered if Dr. Beauchamp would agree to the amendment which related to the constitution of his Committee. Mr. Piloty felt Dr. Beauchamp should be invited to come up with a truly international membership list.

Mr. Morris proposed that the General Assembly approve offering the Chairmanship of the Committee to Dr. Beauchamp on the basis of what had been said.

General Assembly unanimously APPROVED the proposition.

Action

The President understood Mr. Goldsworthy would communicate this information to Dr. Beauchamp. It was suggested that General Assembly Members propose names of potential members for the Committee to APC.

Mr. Kontinen queried the costs for the Committee. Mr. Goldsworthy replied that Dr. Beauchamp had not raised the topic of funds and did not think he required any. Mr. Le Roux thought he would need some financing for the meetings and should be asked to prepare a budget.

IFIP Newsletter

Kindly refer to Agenda 11.1.2.

Task Group on Human Computer Interaction

This subject had been partially discussed under Agenda item 9.4

Mr. Morris understood that TC 6 had 'washed its hands' of that activity, yet there was a Conference planned to take place in London, U.K. under that title with reference to assistance from IFIP. Mr. Goldsworthy remarked that he and Mr. Piloty had both seen correspondence between Messrs. Danthine and Shackel relating to some confusion whereby the Calls for Papers and other documentation had mentioned TC 6 and 6.3. Mr. Danthine had demanded that reference to TC 6 and 6.3 be removed. The latter had been included in the PC, but had protested that he would not take part in that activity. Mr. Goldsworthy stated that, as far as he was concerned, 6.3 was no longer existent. In his role as IFAC Secretary, Mr. Margulies said IFAC had received an invitation from IFIP 6.3 to co-sponsor said Conference.

Mr. Goldsworthy drew attention to his Annual Report which fairly clearly outlined that situation. In summary, TC 6 had categorically expressed that it did not see 'Human-Computer Interaction' as a part of TC 6 and, therefore, did not start the establishment of a Working Group. He reiterated that, as far as he was aware, 6.3 did not exist, but the Task Group (established at the 1982 Rome GA) did.

Restructuring of APC

Mr. Goldsworthy said he had written to all TC Chairmen and placed a proposal to have a representative of them on APC, and that maybe a past TC Chairman might be more appropriate.

Action

He again urged the TC Chairmen to nominate a representative, if possible, during the course of the Meeting.

ICID

Mr. Goldsworthy said APC had considered the possible development of ICID in various ways. There was a Review Committee and suggestions had been made for the restructuring of ICID. APC strongly believed that much more positive action had to be taken by IFIP to address the needs of developing countries. (Kindly refer Agenda item 11.5).

TC Chairmen

Drawing attention to page 9 of his Annual Report, Mr. Goldsworthy recalled it had been felt that TC Chairmen spent too much time on routine matters at GA Meetings and it would be more beneficial to present more important issues to the GA relevant to the future direction of TC's, etc. (Kindly refer 1983 Beijing Council Minutes, Agenda item 8.1). The President had, subsequently, written to the TC Chairmen in that vein. APC had recommended, and it had been accepted, that more time be given to TC Chairmen at GA Meetings to encourage them to play a more active role in the General Assembly.

IFIP 6-Year Plan

Action

Mr. Goldsworthy said he would distribute an updated copy of the IFIP 6-Year-Plan, IMIA 3-Year Plan and ICID 2-Year Plan to GA Members, TC Chairmen and other concerned parties around the end of October 1984.

Action

He said it was a very difficult task, especially for the Secretariat, to keep it up-to-date and requested everyone organizing activities to keep the Secretariat fully informed.

Mr. Goldsworthy said it had been suggested that where there was an activity which involved two or more TC's, a leading TC should be designated. In all other activities, IFIP identified the lead organization so people knew with whom to communicate. He would fully support the designation of a leading TC in joint activities and wondered if this would create problems.

Mr. Paul commented that in cases where there were two or more TC's organizing a Conference, it might be a question of which TC would be the contact. If they all did the same amount of work, it would have to be discussed. TC 2 had had joint Conferences with TC 10 and he did not foresee any problems. In respect of the few TC 8 joint occasions, Mr. Verrijn Stuart said the problem had been easily solved by having someone in the PC from the other TC. Mr. Rolstadas foresaw no problems either as having one TC for the lead did not imply the 'leading professional', but the 'organizer'. In making statistics, Mr. Zemanek queried how the Proceedings should be listed. Mr. Piloty felt the Proceedings could be listed under every TC involved. Mr. Finch disagreed with Mr. Piloty and favoured the comments of Mr. Rolstadas.

Action

Finalizing, Mr. Goldsworthy said that, in practice, TC Chairmen of joint events could put forward one of the TC's as being the organizer lead.

IFIP Development Fund

Mr. Goldsworthy drew attention to the mention of the Fund in his Annual Report, and said it had been established as a means for providing additional assistance to TC Chairmen who might have initiatives which were being constrained because of a lack of finances. He urged TC, WG Chairmen and others in that category to remember the Development Fund (SFr. 15,000 had been allocated for 1983, and the same amount for 1984).

In conclusion, Mr. Goldsworthy said he would like to place on record the enthusiastic co-operation of the APC members.

The President expressed his personal thanks to Mr. Goldsworthy for the tremendous work he had been doing since he had been designated as APC Chairman a year or so beforehand. He said Mr. Goldsworthy was the locomotive for APC which was becoming more important in IFIP and tremendously helped the Council. The President said, on behalf of GA, he would like to sincerely thank Mr. Goldsworthy and his Committee members for the hard work executed.

General Assembly APPLAUDED the Activity Planning Committee.

11.1.1 IFIP / Sec. 83, Task Force

Mr. Goldsworthy said the history was briefly outlined in his Annual Report and referred to his document (APC-1). Although there had been a difference of opinion in APC itself, the net result was a recommendation of APC to establish a new Technical Committee – TC 11 – in the area of Security.

Mr. Goldsworthy reported that the International Conference on Security – IFIP / Sec 83, May 1983, Stockholm Sweden had been very successful. Some 325 attendees from more than 20 countries had heard papers delivered by 40 speakers.

In APC, there was a demonstrated need for a group within IFIP to address that particular topic area and APC saw three possible options: to establish a WG within each TC (this approach was not favoured); to create a SIG (it was felt the group was not mature enough to take on that status), or to establish a WG within one of the existing TC's (there was no existing TC which had interest wide enough to cover the areas of Security). Consequently, it was agreed that the most appropriate approach would be to create a separate TC.

Mr. Finch introduced two of the gentlemen who had been instrumental in the success of IFIP / Sec 83 – Mr. Beckman, OC Chairman and Mr. Essen, Chairman of the SIG for Security of the IFIP Member Society for Sweden (SSI). He also expressed gratitude to the Conference Steering Committee Chairman, Mr. Svenonius, and to the GA Member for Sweden, Mr. Hernaes. In turn, the President thanked Mr. Finch for his role as the Conference PC Chairman.

Mr. Beckman gave a background briefing on IFIP / Sec 83 and thanked the GA Members for the help they had given. He said the 40 delivered papers had been selected from a total of 53 and the Proceedings had been printed by North-Holland within a short time following the Conference. Mr. Beckman trusted they would be very successful because up to that time there had been no real textbook for Computer Security work. Five or six press releases had been released, plus others, and an article had been printed in a number of magazines throughout Europe and U.S.A. Good contact had been made with the Swedish radio and TC. Every day there were newsreels where the Conference speakers were invited. In all press communications, OC tried to promote IFIP / Sec 83 and in very possible way attempted to make known the name of IFIP. Mr. Beckman was happy to advise that a delegation from China had rescheduled its trip to Europe in order to participate at IFIP / Sec 83, which had also been attended by Eastern Europeans.

Mr. Beckman said IFIP / Sec 83 had realized a surplus of approximately 10% and, following the agreement with Mr. Finch, 10% of that would be given to IFIP in addition to the repayment of the loan of SFr. 10,000.

Mr. Essen also confirmed the success of IFIP / Sec 83 and the work carried out by Mr. Beckman. He stated that in a plenary session during the Conference, the issue of possibly forming a TC for EDP Security inside IFIP had been discussed. As Chairman of the Swedish SIG on Security (about 70 members), Mr. Essen said he would look forward to the creation of an international group and trusted it would be within IFIP, as did a number of EDP professionals in other countries. The Conference participants had been given a questionnaire and they had expressed their interest in different fields of EDP Security and it was shown that a lot of people from countries worldwide were interested in working within a TC. Concluding, Mr. Essen –speaking on behalf of those EDP professionals, encouraged the General Assembly to establish a TC on Security.

Mr. Piloty and one or two other GA participants expressed their views on the whole matter.

General Assembly ADOPTED, with four abstentions, the establishment of Technical Committee 11 on Security.

Mr. Goldsworthy alluded to two events which were tentatively scheduled. Mr. Beckman stated that as the Conference went on, they had realized new events should be planned and, subject to approval, a WC would be held in The Netherlands in May 1984 geared around the activities of two proposed WG's (Security Management and Office Automation Security) and probably IFIP / Sec 84 in Toronto, Canada in September 1984.

Mr. Goldsworthy said it was the recommendation of the Task Force that Mr. Beckman be appointed Chairman of TC 11 and he so moved.

General Assembly ADOPTED the motion, with two abstentions.

Action

Mr. Goldsworthy subsequently moved that the newly-appointed TC 11 Chairman produce Aims and Scope for the new TC for presentation to the Council via APC for presentation to the General Assembly.

General Assembly unanimously ADOPTED the motion.

The President congratulated Mr. Beckman and his colleagues and wished them every success in their activities.

11.1.2 IFIP Newsletter

Mr. Goldsworthy referred to his Annual Report and document (APC-1) and drew attention to the distributed Newsletter prototype prepared by Mr. Rosenfeld. He said APC congratulated Mr. Rosenfeld on his efforts to date and endorsed the prototype, and thanked Mr. Freeman for having suggested Mr. Rosenfeld.

APC was strongly of the opinion that the Newsletter must be a Newsletter and urged that it not be a vehicle for substantive technical articles.

Mr. Rosenfeld drew attention to his document (GA Paris 83 / Newslet-1) detailing the IFIP newsletter proposal. He briefly addressed a proposal of North-Holland which, in general, would involve the preparation of some of the material in type-set, printing and use of any suitable content in the Compact Journal.

Mr. Rosenfeld said, if his proposal were accepted, he would ask all the GA participants to complete a questionnaire during the course of the Meeting. Mr. Danthine felt it would be very interesting and useful if information on Call for Papers were included. Mr. Rolstadas complimented Mr. Rosenfeld and considered the Newsletter should not be more extensive than the prototype, otherwise it would not be read.

Mr. Rosenfeld informed that the initial proposed circulation included GA Members and Member Society Secretariats, TC and WG members, National Correspondents, Affiliated organizations, Committee Chairmen, et al.

General Assembly unanimously APPROVED the Newsletter proposal, with thanks to Mr. Rosenfeld.

Mr. Goldsworthy moved that the General Assembly formally appoint Mr. Rosenfeld as the Newsletter Editor.

General Assembly unanimously ADOPTED the motion.

11.2 Congress Guidelines Committee

Mr. Genuys referred to his Annual Report and advised that Guidelines Chapters on 'Proceedings' and 'Overall Schedule' were needed; also that the Annexes should be updated.

He added that, as CGC Chairman, he had been invited to attend the IFIP Congress 83 OC meetings which certainly contributed to a better understanding by OC of the Guidelines and had helped in solving some of the problems encountered by OC. Mr. Genuys genuinely felt that the CGC Chairman should be involved with Congress OC's. There was no relation between CGC and PC and he considered that should also be established.

Mr. Genuys said the Guidelines resulted from a collective work and were not enough known; they should be used more than they were at the current time.

The President recalled the motion adopted at the 1981 Dublin GA which resulted in the following phrase being included in the CGC Charter – "CGC acts as staff to the IFIP President on matters concerned with the Congress." He, therefore, proposed that the CGC Chairman be a member of the Organizing Committee of a Congress.

Mr. Goldsworthy (C80 OC/A Ch.) said OC Chairmen had heavy responsibilities to organize IFIP's biggest event. However, if not reporting direct to the President had been imposed, he would not have taken on the job. An OC Chairman was faced with constant daily situations – a Congress failed or won on his decisions, and his role should not be negated.

Mr. Finch (C77 OC Ch.) commented that a great amount of work had gone into the preparation of the Guidelines, but he did not see the need for the CGC Chairman to be a member of a Congress OC: He endorsed the remarks of Mr. Goldsworthy – that the OC Chairman must have single responsibility to the President. Mr. Finch respectively submitted that the procedures were satisfactory.

General Assembly VOTED in favour of the CGC Chairman becoming a member of Congress OC's, with eleven objections and four abstentions.

The President thanked Mr. Genuys for his report.

Mr. Goldsworthy wished it recorded that two Congress Organizing Committee Chairmen present had strongly tried to dissuade the GA from following that course of action, as it tended to impact the very clear and direct responsibility needed by the Congress OC Chairman to effectively fulfil his task. The President stated that adding the CGC Chairman to the OC was in no way reducing the responsibility or direct reporting of the OC Chairman to the President. It was, on the contrary, assisting the OC work by providing within its body immediate answers to policy matters for instance.

11.3 Finance Committee

Regarding the IFIP Development Fund, initiated at the 1983 Beijing Council Meeting, with a budget of SFr. 15,000, Mr. Hernaes proposed that the same amount be budgeted for 1984. He also drew attention to the President's Reserve Account for dealing with other legitimate demands.

Mr. Hernaes said the GA Members had already been advised by the Treasurer of the new Dues rates effective 1 January 1984 for the 1984 – 1986 period. As proposed in Beijing, FC felt it should review the Dues grouping and a letter would be addressed to Full GA Members in this respect – so that it could be ascertained if a National Society considered it should be grouped 'upwards' or 'downwards'. He recalled that Ireland had asked to be in a higher group. Mr. Hernaes recalled that the following factors were the basis for having a Society in a certain dues group (1.1.1984 – SFr. 1,800, SFr. 3,600, SFr. 5,400, SFr. 7,100 and SFr. 13,100):

- the economic power of the country itself
- the strength of the IP industry in the country
- the resources and possibilities of the National Society.

In conformity with the 1982 Rome GA decision, the investment portfolios were being transferred to the Swiss Bank Corporation, London, U.K. and FC would report further on this undertaking following the complete implementation of the plan.

Mr. Hernaes presented the proposed Finance Committee Charter:

1. To formulate policies for the sound management of IFIP finances and to proposed such policies to the appropriate IFIP body for approval. Policy areas of interest include, but are not limited to, the following:
 - dues, royalties and conference surpluses
 - grants and loans
 - investments
 - cash management
2. To issue guidelines and / or to establish procedures as necessary to carry out approved poicies.
3. To analyse and evaluate IFIP's financial condition as necessary to ensure that policies are being followed, and to propose changes in policy when appropriate.
4. To encourage and facilitate the use of external financing support for IIFP activities.

5. To review IFIP's dues structure at no less than 3-year intervals, and to propose changes in a timely manner for GA approval.
 6. To propose the amount to be set aside each year for the IFIP Development Fund.
- n.b. The IFIP Treasurer shall be an ex-officio member of the IFIP Finance Committee.

General Assembly unanimously APPROVED the FC Charter.

The President thanked Mr. Hernaes for his report.

11.4 ICIL - IFIP Committee for International Liaison

Mr. Tanaka referred to his Annual Report and ICIL's function as the liaison and communication group between IFIP and other professional organizations. Much of the correspondence activity was handled via the IFIP Secretariat.

He advised that Mr. Ando would become President of FIACC at its Annual Meeting scheduled for the end of that month.

Mr. Tanaka said IFIP had received a letter from Unesco calling for contributions to its Library which he would distribute to all GA participants during the Meeting for any appropriate action.

The President thanked Mr. Tanaka for his comments.

11.5 ICID - IFIP Committee: Informatics for Development

Mr. Kalman referred to his Annual Report and to his document outlining ICID activities from 1977-1983. Due to his new Unesco assignment, he advised that he had resigned as ICID Chairman earlier in the year, as it would prevent him from continuing to be directly responsible for Unesco-sponsored IFIP activities although he would continue to be interested in informatics in developing countries.

Mr. Kalman gave a briefing on the support ICID received from Unesco through the establishment of yearly contracts and underlined that geographical distribution remained a determining factor for ICID-sponsored events. He also commented on the occasional IBI support.

Mr. Kalman thanked all his Committee members, and in particular Mr. Tanaka, ICIL Chairman, who had been instrumental in the establishment of ICID. He also expressed his personal gratitude to the President, the Council and the General Assembly for having given him the opportunity to work for IFIP.

The President thanked Mr. Kalman for his report and for all the efforts he had expended during his Chairmanship to carry out and realize the objectives of ICID.

Mr. Dalton presented the report of the ICID Review Committee, which he had Chaired, and stated that it felt ICID had performed as well as its limited resources had permitted. Nevertheless, there was now a need to improve the availability of resources and its relationship with developing countries, as well as increase its visibility within the IFIP body as a whole. Mr. Dalton drew attention to the proposed recommendations of the Review Committee, namely:

1. That ICID be restructured in a similar mode to that of a Technical Committee.
That this be known as the ICID Management Committee and consist of a Chairman, Vice-Chairman, Financial Administrator, Secretary and other members.
2. That a number of regional groups be established reflecting geographical areas of interest. That the suggested regions in the APC proposals be the initial grouping.
These are: South East Asia, Latin America, Africa and the Middle East.

3. That the ICID Management Committee be responsible for the management, policy making and general financial aspects of ICID. However, as much autonomy as possible must be given to the regional groups.
4. That each regional group appoint at least one member to the ICID Management Committee.
5. That the ICID Management Committee should allocate a Technical Committee or a relevant SIG to each of its members. That such a person would liaise and attend at least one of the TC's meetings per year.
6. That a Cognizant Officer be appointed for ICID, preferably one who would also be a member of ICIL.
7. That IFIP provide sufficient funds to enable members from those countries that have not sufficient support in their own countries to attend all necessary meetings.

Action

After discussion, Mr. Finch moved that the ICID Review Committee report be referred to the new ICID Chairman for his future management of that Committee.

General Assembly unanimously ADOPTED the motion.

Mr. Ando announced that he had asked Mr. Narasimhan to Chair ICID.

Action

Mr. Narasimhan said he was very grateful to the Review Committee for its report and, in his new role, he would need the support of everyone and especially that of the GA Members from developing countries. He called for continuous feed-back.

11.6 Internal Awards Committee

In respect of the 1983 Silver Core awards, Mr. Zich recalled that a preliminary proposal had been sent to every GA Member in May 1983 and a questionnaire had likewise been distributed to the TC Chairmen for their comments and / or recommendations. Mr. Zich presented the final list of proposed Silver Core awards for 1983 and requested its adoption by the General Assembly. Discussion ensued on the eligibility – in general – of all nominees for the Silver Core. In respect of 1983, Mr. Zich underlined that his Committee had strictly followed the rules.

General Assembly ADOPTED the proposed list of 1983 Silver Core awards, with three abstentions. (Refer Agenda item 21)

Mr. Sendov felt IFIP should introduce the possibility of external awards and, in this respect, considered that Prof. Atanasoff (80 in 1984) would be a good example of that kind of nominee. The President considered that IAC and SBC could perhaps study that suggestion.

Action

Mr. Goldsworthy moved that those bodies review the rules and procedures for the awarding of the Silver Core and study the proposition of Mr. Sendov.

General Assembly ADOPTED the motion, with three objections and two abstentions.

11.7 Publications Committee

Mr. Zemanek referred to his Annual Report which contained all the basic information relating to PC membership, books published, royalties, Compact Journal and Springer State-of-the-Art reports. He also drew attention to documents distributed at the current Meeting, namely: North-Holland's status report of 38 IFIP publications and 8 IMIA publications, and an impressive listing of North-Holland's promotional activities for IFIP.

Action

Mr. Zemanek confirmed that, following various comments of the TC Chairmen, PC would look into the question of better formulating re-printing rules.

Mr. Glaser queried certain book prices quoted in both Dutch Guilders and U.S. Dollars. Ms. Smit explained that the conversion rates were revised annually.

Mr. Zemanek stressed again the invaluable help rendered by Mr. Lynn, the PC U.S.A. representative, who had been instrumental in arranging for IFIP publications to be descriptively listed in the ACM Publications Catalogue.

The President thanked Mr. Zemanek for his PC report and all the strenuous work undertaken by him and his Committee members.

11.8 Public Information Committee

Mr. Morris drew attention to his Annual Report and stated that the work of PIC had progressed reasonably during the last twelve months.

A most visible activity was the continuation of the series of articles on TC work written by Mr. Owen. One on TC 10 was published just after the 1982 Rome GA, one on TC 8 in May 1983 and one on IMIA in time for every Medinfo 83 participant to receive a copy. An article on TC 2 would be distributed prior to year-end. PIC planned to produce the remaining articles on TC 5, 7 and 9 during 1984. Mr. Morris underlined the satisfying fact that the Owen articles had been reproduced in quite a number of publications and, sometimes, in translated form.

Mr. Goldsworthy informed that the Owen articles had been printed in full in the ACS Bulletin which was distributed to around 10,000 members, and considered that that was one of the most successful initiatives of putting IFIP before Member Societies.

Action

He hoped other Member Societies were doing likewise.

Mr. Sendov expressed the usefulness of the Owen articles and also wished to thank Mr. Morris for the IFIP Presentation Kit (refer 1982 Rome GA Minutes, Agenda item 11.8.1.) which he had been most happy to demonstrate in his own country.

Mr. Morris referred briefly to the latest edition of "What is IFIP?" (July 83) which had been included in the Congress 83 participants' kits, and to the Information Bulletin (No. 17 – April 83). He stressed the publicity value of "What is IFIP?". Mr. Rolstadas mentioned he had distributed copies of the latter to all Officers of the local Chapters of his Society (Norway) which had proved most successful.

Mr. Morris presented the IFIP tie and advised these would be available for sale or ordering during GA and the Congress week.

Action

The President thanked Mr. Morris and PIC for its very successful activity and urged all GA Members to take advantage of and utilize the promotion tools now available.

11.9 Statutes and Bylaws Committee

Mr. Lehmann drew attention to his report (GA Paris 83 / SBC-1), which had been previously circulated to GA Members in July 1983.

He advised that, with the assistance of the IFIP Secretariat, new editions (March 1983) of the Statutes and Bylaws and Standing Orders had been issued and distributed to concerned parties.

Mr. Lehmann presented the following SBC recommendation (in conformity with the 1982 Rome GA decision), namely:

To improve the geographical representation of the Executive Body, it was necessary to increase the number of Vice-Presidents by one (to a total of four Vice-Presidents).

During the discussion – Messrs. Glaser, Morris and Verrijn Stuart disfavoured same and underlined the importance of having Officers who worked. Mr. Dorodnicyn highly favoured the recommendation with emphasis on the geographical representation. Mr. Sendov said if the geographical aspect were ignored, then it was not tended to work on a truly international scale. He underlined that the work of an international organization – such as IFIP – was also extremely important for peace in the world. Both Messrs. Tanaka and Goldsworthy stressed the objective of improving the effectiveness of IFIP and saw no objection to a fourth Vice-President provided he would realize the importance of the function, not only geographically, but from the work-load point of view. Mr. Melbye considered the Council in its entirety had a good geographical representation and felt Vice-Presidents should be elected in relation to the work-load.

General Assembly VOTED – 24 in favour of the recommendation, with 11 objections and 2 abstentions. As two-thirds of the majority had not been reached, the recommendation to have a fourth Vice-President was rejected.

Mr. Lehmann said SBC had felt it would be a good idea to change the status of APC, in view of its increased responsibilities and authority, from Standing Committee b) to a) (refer Section 4.1 of IFIP Bylaws). However, this implied that only GA Members could belong to APC and counteracted the feelings for TC representation on the Committee.

Mr. Goldsworthy strongly opposed changing the status and considered it a retrograde issue. To be truly effective, APC needed to draw upon a wider electorate than the GA. Mr. Rolstadas emphasized that IFIP was trying to involve the TC's more in its work and, therefore, saw no justification in the proposed change.

Action

Following discussion on the pros and cons of the suggested change, Mr. Melbye moved that this issue be restudied by SBC in consultation with APC.

General Assembly ADOPTED the motion, with three abstentions.

Mr. Lehmann announced that, following the President's invitation to all committee Chairmen, he had submitted his resignation as Chairman of SBC, but was ready to act 'ad interim' pending the establishment of a new SBC.

The President thanked Mr. Lehmann for the very diligent manner in which he had carried out his activity as SBC Chairman over the past years.

11.10 Ad Hoc Committee IFIP 25th Anniversary

Action

Mr. Zemanek regretted that Chairman Bauer had been unable to attend the GA Meeting and advised that a written report on the status of the Committee's activity would be duly sent by Mr. Bauer to the new President.

12. AFFILIATE MEMBERS

12.1 IAPR

Mr. Freeman referred to his Annual Report and said IAPR now had a total membership of 19 National Societies due to the admission of Austria, Israel, Spain and Switzerland during the previous twelve months.

He advised that 677 persons from 27 countries had participated at the 6th Int. Conf. on "Pattern Recognition – ICPR", Munich, F.R.G., October 1982. The Proceedings, in two volumes, were available from the IEEE Computer Society Press, Los Angeles, which had acted as publisher for IAPR. The 7th Int. Conf. would be held in Montreal, Canada, 30 July – 2 August 1984.

Mr. Freeman stated that the first issue of the new journal "Pattern Recognition Letters" had been published during the past year by North-Holland under the sponsorship of IAPR. It was intended to provide for quick publication of new results in abbreviated form. The fourth issue had already appeared

and samples would be available at the North-Holland IFIP Congress 83 Stand. He added that the IAPR Newsletter continued to be distributed to IFIP GA Members, etc. via the IFIP Secretariat. Mr. Freeman announced that the IAPR Governing Board had met in Munich during the 6th "ICPR" and elected a new slate of officers, including Prof. M.-C. Simon of France as President and himself as Treasurer. The Board had also approved the formation of twelve Technical Committees – this had been suggested by IFIP and IAPR had responded to same. They were not quite the same as the IFIP TC's, but more like WG's. IAPR was not planning to have WG's so its TC's would serve both purposes.

He advised that the IAPR-sponsored 3rd Scandinavian Regional Conference on "Image Analysis" had recently taken place in Lyngby and had been successful.

In conclusion, Mr. Freeman informed that the 8th Int. Conf. on "Pattern Recognition" would be held in Paris, France in October 1986 and the new IAPR President was the contact who would be announcing more about it in the future.

Answering queries on the nature of the "ICPR" events and the possible overlap with Artificial Intelligence, Mr. Freeman replied that the AI people regarded PR as a speciality and that PR was more of an engineering field whose Conferences were mainly attended by engineers. The AI and PR groups held bi-annual Conferences in alternate years.

The President thanked Mr. Freeman for his report.

12.2 IASC

Mr. Brosveet introduced himself as the new Scientific Secretary of IASC, succeeding Mr. Muller. He apologized for his late arrival at the Meeting due to the IASC GA and Council Meetings which had just taken place in Madrid, Spain. At the Council Meeting, new Officers had been elected for the 1983-1985 period, including Prof. S. Nordbotten as President.

Mr. Brosveet drew attention to Mr. Muller's Annual Report indicating the programme of the International Statistic Institute's 44th Session currently taking place in Madrid. He pointed out that IASC was a section of that Institute. Within the programme, IASC had arranged sessions in respect of:

- software facilities for sample surveys;
- economic and social databanks and their place in computer networks;
- exploratory data analysis;
- computer software for national statistical offices;
- microcomputers: recent developments in hardware and software;
- meta information in official statistical systems.

He added that the 45th Session was scheduled for 1985 in Amsterdam, The Netherlands.

Mr. Brosveet gave a briefing on the 6th Symposium on "Computa.Statistics – COMPSTAT 84", Prague, C.S.S.R., 27-31 August 1984 and pointed out it would focus on computational statistics and relevant techniques in computer science.

Mr. Brosveet announced that IASC had commenced a new periodical "Statistical Software Newsletter" in co-operation with the GSF-Media Institute in F.R.G. Three to four issues were envisaged per year.

In conclusion, Mr. Brosveet advised that IASC would seek to co-operate with some of the IFIP TC's, in particular with TC 3, TC 6 and TC 8.

The President thanked Mr. Brosveet for his report and for having arranged to attend the GA Meeting.

12.3 ICCC

There was no Annual Report nor report to the General Assembly from the ICCC GA representative. Notwithstanding, the President announced that a meeting had been scheduled with the ICCC Executive Board and part of the IFIP Executive Body for the following week which would allow for an exchange of ideas and discussion on further co-operation.

12.4 EUROMICRO

Mr. Fourot drew attention to Mr. Thompson's EUROMICRO Annual Report indicating a change in its office lieu to Enschede, The Netherlands. He pinpointed the Tenth Symposium on "Microprocessing and Microprogramming" scheduled for Copenhagen, Denmark, 28-30 August 1984 and the EUROMICRO Journal which continued to be published by North-Holland.

13. CONGRESS 83

Mr. Carteron presented his report (CGA Paris 83 /C 83/OC) which had been discussed at length during the Council Meeting (refer Agenda item 8). He underlined that the break-even point called for 2,100 participants and, as at 15 September 1983, 288 registrations were missing to realize that objective; however, he foresaw no problem in that respect.

Mr. Carteron pointed out that the expenses for simultaneous translation (English/French), French-language documents, and costs of certain social events had not been included in the budget. OC had been able to collect more than FF 2 million from different French sources to underwrite such expenses.

Mr. Carteron also stressed that OC had launched a strong C83 advertising campaign in major trade magazines.

Mr. Goldsworthy queried the possible non-break/even situation, but Mr. Carteron was confident there would be no problem although he had little further information to divulge than that presented to the Council. In any case, IFIP would receive the guaranteed \$10,000.

Mr. Carteron advised that 54 cables had been sent to authors of selected papers who had not registered as of the prior day and that morning four positive responses had already been received. Mr. Tschritzis said there were 24 papers which, at that time, did not have a registered speaker, but he was hopeful and expected respective speakers would attend to deliver same. However, if some did not wish to register, in fairness to the audience, they would be allowed to present their papers only and not participate otherwise. Mr. Fourot said the same principle would also apply to session chairmen and panelists.

Discussion followed concerning the registration fee. The President recalled that the Executive Body, Council and GA had kept pressing OC to keep it as low as possible. OC had wanted it higher and, therefore, he had been surprised to hear from French people that they considered it high.

Mr. Rolstadas considered the fee was high, but not out of range. He felt C83 had not been well marketed and when he, himself, had tried to promote same at the President's telegraphed request, people's reaction had been that the programme was not interesting – a lack of applications areas.

Ms. Poyen said OC had expected between 1,800 and 2,000 French participants, but only 700 had registered as at 15 September which, to her point of view, was due to the French economic situation. Since the beginning of that year, conferences in France had lost between 28-30% of their audiences. Ms. Poyen did not consider the fee was a negative factor, but that the Congress was not enough application-oriented; she had talked with users and software companies and those people were not interested in the programme.

Mr. Tschritzis agreed that the structure of future Congresses should perhaps be modified in order to have a more saleable type of event. In Respect of C83, PC had made an effort to have a lot of industry as opposed to academic people on the Panels. He underlined that PC had worked extremely hard to put together a high-quality programme of which he was proud. However, he had been disappointed about the promotion efforts for the Congress.

Regarding the Exhibition which had been arranged under the aegis of SICOB, Ms. Poyen said IFIP had not brought in a single exhibitor. Following discussion, it was considered that, henceforth, it might be more appropriate for IFIP to arrange its own Exhibitions.

In conclusion, Mr. Tschritzis recalled there were 40 invited speakers, 96 accepted papers (out of 400 submitted) and 31 panels.

The President thanked Mr Carteron, Ms. Poyen and Mr. Tschritzis for all their efforts to make Congress 83 successful, and also expressed his appreciation to all members of the Organizing and Programme Committees.

14. MEDINFO 83

Mr. Abbott said 1,100 delegates had attended the Congress 'proper' and over 1,000 had participated in the Seminars – there had been some overlap. The programme was of excellent quality. There had been a large number of papers which gave rise to considerable competition for the three gold medals – it had proved a difficult task to award same. Mr. Abbott explained there had been four parallel streams in the Congress 'proper' and two parallel streams in the Seminars – 400 presentations during the Medinfo week. Additionally, there had been Workshops, Demonstrations and an Exhibition, and a social programme. Mr. Abbott said the final accounts were not yet available, but a minimum income of some SFr. 15,000 had been guaranteed.

Mr. Abbott expressed IMIA's thanks to Mr. Roukens, OC Chairman and to Mr. Lodwick, PC Chairman, for their extremely hard work; additionally, the President and the Treasurer of the Dutch Computer Society. IMIA also owed a lot to the Editors (Messrs. Van Bommel, Ball and Wigertz) and North-Holland who had very well co-operated so that the Proceedings had been available for all delegates upon their arrival at Medinfo 83.

The President congratulated Mr. Abbott and IMIA on the success of Medinfo 83.

15. WCCE 85

The same comments were made to the General Assembly as had been to the Council (refer Council Agenda item 10).

Additionally, the President encouraged the organizers to incorporate an IFIP logo in future announcements and documents. This had not been the case with the Call for Papers.

The President wished TC 3 and U.S.A. organizers good luck with the WCCE 85 preparations.

16. CONGRESS 86

16.1 Organizing Committee

Mr. Dolan presented his report (GA Paris 83/OC-1) and confirmed that C86 would take place during 1-5 September 1986 at Trinity College, University of Dublin. Conference facilities and accommodation (in a range of categories) had already been chosen and booked.

The First Announcement brochure had been printed and 4,000 sent to Paris for inclusion in the C83 participants' kits. OC intended identifying representatives from each country to whom bulk mailings could be sent in the number requested for distribution within the respective country.

Mr. Dolan advised that, with the assistance of the Irish Tourist Board, C86 OC would be staffing an information desk through C83 week to make delegates aware of the next Congress.

Strongly aware of the important need for close cooperation with the Programme Committee, Mr. Dolan advised that he and his Committee members present in Paris would be meeting with the PC Chairman. He confirmed that contact had already been established with AFIP's Committee for C86 and another meeting would also take place in Paris the following week.

Mr. Manson, ICS member, professionally experienced in the organization of Congresses, had been engaged to provide the technical and administrative support to C86.

As to the Exhibition, it would be run in conjunction with the Irish Business Equipment Trade Association which organized a yearly major computer exhibition in Dublin.

Mr. Dolan drew attention to the OC preliminary budget indicating a projected income of Irish £ 411,250 against a projected expenditure of Irish £ 348,500 based on an expected attendance of 1,400 delegates and 200 students. It was hoped 300 – 400 Irish people would register. The registration fees were now planned as Irish £ 250 (early bird), Irish £ 290 (late) and Irish £ 310 (on site). There would be a special rate for students. Mr. Dolan said OC would review the budget in 1984. OC requested a loan from IFIP of SFr. 30,000 and wished to draw upon an initial amount of SFr. 10,000 in 1984.

Mr. Dolan said he would attend every Council and General Assembly Meeting up to 1986 for close interaction and would be happy to co-operate with Mr. Genuys in respect of the Congress Guidelines. He was also very happy to work with Mr. Bjorner (whose appointment as PC Chairman had been confirmed by the President following the 1983 Beijing Council Meeting) whom he would invite to Dublin at the earliest opportunity. He also looked forward to working closely with Mr. Ando to make C86 successful.

Mr. Ando was glad to see that the preparations had started so efficiently and asked what would be the maximum number of delegates OC could cater for. Mr. Dolan replied between 2 – 3,000.

Mr. Glaser moved that the Congress date and requested loan be approved.

General Assembly unanimously ADOPTED the motion.

Mr. Goldsworthy felt the Congress should be marketed as the 10th World Computer Congress run by IFIP.

General Assembly unanimously ADOPTED the motion.

Action

Mr. Ando said he would appreciate a complete performance report at every Council and General Assembly Meeting.

The President thanked Mr. Dolan for his report.

16.2 Programme Committee

Mr. Bjorner gave a briefing on his proposed PC plans and referred to the “restructuring of Congress” intention – which would be outlined by Mr. Sumner under Agenda item 17. After discussions during the next days, he would send a letter to all the GA Members, Member Societies, TC and WG Chairmen in October on the intended structure, etc. of the C86 programme and trusted to receive solicited feed-back by mid-November.

He hoped the Programme Committee would be established around year-end and felt it was his prerogative to submit the final selection of candidates to the incoming President, Mr. Ando, to nominate.

Mr. Bjorner underlined there would be a balance between academic, business and industry aspects. He commented on the extremely interesting projects going on in Research Centres – especially in the Eastern European countries, where he had close contacts, and felt those groups should be involved.

He confirmed that he and Mr. Dolan were seeing ‘eye to eye’ and would keep the GA Members updated with progress reports.

A discussion ensued which showed that the GA Members highly favoured the plans of Mr. Bjorner which also included a closer liaison with the Technical Committees.

The President thanked Mr. Bjorner for his comments and wished him every success in carrying out his proposed PC plans.

17. FUTURE CONGRESS RESTRUCTURE

Mr. Sumner presented his report and said it had been written by himself. The other members of his group had not seen same, but he did not think it misrepresented their ideas.

He advised that during the past 4-5 years, throughout the world, people liked to go to 'specialist' conferences and felt this should be borne in mind in considering the planning of future IFIP Congresses.

Mr. Sumner expressed his thoughts on the division of invited papers, submitted papers and panel sessions, etc. and also underlined the necessity of treating more application-oriented areas.

A long discussion took place during which many points were raised and discussed. Mr. Goldsworthy intimated that there had been, in the past, too long a lead-time in connection with submitted papers and believed that people came to Congresses to hear the leaders in the field Mr. Sumner said he would take same into consideration and talked out with his group members so that an agreed, written final report could be submitted to the incoming President, Mr Ando, and subsequently to Mr. Bjorner.

The President thanked Mr. Sumner for his verbal report and the input of the GA participants.

18. MEMBER SOCIETY REQUESTS AND SUGGESTIONS

Mr. Potter drew attention to a letter he had sent to the President requesting that a Position Statement put forward by his Society (The New Zealand Computer Society, Inc.) be placed before the General Assembly. (Refer Council Agenda item 4, pages 12 and 13). He advised that he had spoken to the TC 9 Chairman on the matter and believed it would be brought up at its meeting currently taking place.

Mr. Sendov strongly supported the Statement and Mr. Goldsworthy considered it a question of 'Social Accountability'.

Discussion ensued and Mr. Sendov subsequently moved that the Statement be accepted. Mr. Rolstadas preferred that the subject be deferred to the next General Assembly Meeting where it should be discussed earlier on the Agenda so that it could be debated seriously at length, and moved that the motion lie on the table.

Action

General Assembly VOTED in favour, with two objections and four abstentions, of leaving the motion on the table for discussion at the next GA Meeting (1984 – Bulgaria)

19. FUTURE COUNCIL AND GA MEETINGS

Mr. Fourot announced that the first quarter 1984 Council Meeting would take place in South Africa, most likely during the week of March.

Mr. Sendov said his Society had issued an invitation to host a Meeting in Bulgaria and proposed that the 1984 General Assembly Meeting take place in Varna, 19-24 September 1984. He assured that everyone would be guaranteed a visa provided they applied for same with an official invitation letter which his Society would thus arrange at the appropriate time.

The President thanked Mr. Sendov very much for the invitation.

Mr. Goldsworthy moved that 19-24 September 1984 be the dates for the next GA Meeting in Bulgaria.

General Assembly ADOPTED the motion.

20. OTHER GENERAL ASSEMBLY BUSINESS

20.1 Ad Hoc Site Selection Committee 89

Mr. Finch advised he was preparing the rules and procedures for SSC 89 and that GA would be asked to approve the site at the 1985 GA Meeting.

Action

He hoped that formal proposals to host C89 would be received from Member Societies no later than 31 December 1984.

21. CLOSING OF THE MEETING

The President expressed his thanks for the individual contributions and again emphasized his appreciation to for the French organizers for their gracious hospitality.

The President adjourned the Meeting to 23 September 1983 (Congress 83 Closing Ceremony).

During the closing of the GA Meeting, the President presented Mr. Lehmann, outgoing Vice-President, with a gift in appreciation of his services to IFIP as Vice-President (1980-1983) and as Chairman of the Statutes and Bylaws Committee since many years.

The following persons were presented with (or named as having been awarded) the IFIP Silver Core: Messrs. Aspinall, Björke, Blum, Falster, Hertweck, Herzog, Kling, Kochan, Levrat, Lewis, Lovis, Margulies, Mason, Morris, Naffah, Navez, Olle. Ms. Pockock, Mr. Pouzin, Ms. Pregitzer, Messrs. Raviv, Raymont, Rolstadas, Sacerdoti, Shires, Stoer, Szentivanyi, Tagg Tschritzis, Uhlig, Verrijn Stuart, Voda, Warman and Zich.

General Assembly APPLAUDED Mr. Lehmann and the Silver Core holders.

Finally, the President handed over the gavel to the incoming President, Mr. Ando, and wished him every success in that function. He also repeated his thanks for the invaluable help he had received from many people during his six-year term of Presidency (refer Agenda item 4)

Mr. Ando expressed his heart-felt appreciation, which he felt sure was seconded by all those in the IFIP family, to the outgoing President, Mr. Bobillier, for his many years of devoted work to IFIP as Trustee, Secretary and President. He said he would do his utmost to keep IFIP as a truly outstanding international organization in the field of Information Processing technology as well as in the applications area.

General Assembly lengthily APPLAUDED the outgoing President, Mr. Bobillier, and WELCOMED the incoming President, Mr. Ando.

ACTION POINTSAgenda Item Action Required ByCOUNCIL

4	Mr. Fourot
4	Mr. Dalton
7.6	Council Members
8	Mr. Genuys
10	Mr. Glaser

GENERAL ASSEMBLY

4	GA Members
5	TC Chairmen / Cognizant Officers
..5	Everyone
6	Mr. Bobillier
6	Mr. Bobillier
8.5	TC Chairmen
8.6	Mr. Dalton
9.1	Member Societies
9.2	Mr. Bobillier
9.4	Mr. Morris
9.4	Everyone
9.6	Mr. Kontinen
9.6	Mr. Danthine
9.8	GA Members / Member Societies
9.8	GA Members / Member Societies
10	Mr. Abbott
10	IMIA
11.1	TC Chairmen
11.1	Mr. Morris
11.1	Mr. Sacerdoti
11.1	Mr. Hernaes
11.1	Mr. Zemanek
11.1	Mr. Goldsworthy
11.1	TC Chairmen
11.1	Mr. Goldsworthy
11.1	Everyone
11.1	TC Chairmen
11.1.1	Mr. Beckman
11.3	Mr. Hernaes
11.5	Mr. Narasimhan
11.5	Everyone, esp. GA Members, developing countries
11.6	Mr. Fourot / IAC
	Mr. Lehmann / SBC
11.7	Mr. Zemanek
11.8	Member Societies
11.8	GA Members
11.9	Mr. Lehmann and APC
11.10	Mr. Bauer
16.1	Mr. Dolan
18	Mr. Ando / Mr. Fourot
20.1	Member Societies