

COUNCIL AND GENERAL ASSEMBLY MEETINGS
Dublin, Ireland 29 - 31 August '86

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HIGHLIGHTS

ELECTIONS

| | | |
|--------------|------------------|---|
| G.J. Morris | (United Kingdom) | was re-elected Vice-President for a three-year term |
| A. Melbye | (Denmark) | was elected Vice-President for a three-year term |
| G. Sacerdoti | (Italy) | was re-elected Trustee for a three-year term |
| L. Penedo | (Portugal) | was re-elected Trustee for a three-year term |
| R. Iau | (SEARCC) | was elected Trustee for a three-year term |
| P. Kovacs | (Hungary) | was elected Trustee for a two-year term |

IFIP COUNCIL COMPOSITION

| | | | |
|-----------------------|------------------|----------------|--------------------------|
| A W. Goldsworthy | (Australia) | President | (1986/1989) |
| K Ando | (Japan) | Past-President | (1986/1987) |
| G Glaser | (U.S.A.) | Vice-President | (1985/1988) |
| B. Sendov | (Bulgaria) | Vice-President | (1984/1987) |
| G J. Morris | (United Kingdom) | Vice-President | (1986/1989) |
| A Melbye | (Denmark) | Vice-President | (1986/1989) |
| J Fourot | (France) | Secretary | (1984/1987) |
| O M. Dalton | (Ireland) | Treasurer | (1984/1987) |
| p -X. Guo | (China) | Trustee | (1985/1988) |
| A A. Verrij n- Stuart | (Netherlands) | Trustee | (1985/1988) |
| A A. Dorodnic yn | (U.S.S.R.) | Trustee | (1984/1987) |
| I W. Le Roux | (South Africa) | Trustee | (1984/1987) |
| G Sacerdoti | (Italy) | Trustee | (1986/1989) |
| L Penedo | (Portugal) | Trustee | (1986/1989) |
| R Iau | (SEARCC) | Trustee | (1986/1989) |
| P Kovacs | (Hungary) | Trustee | (1986/ 1989) |

1988

RESPONSIBILITIES

| | |
|------------------|---|
| A.W. Goldsworthy | Nomination Committees for Officers and Trustees, Congress Chairmen |
| G. Glaser | Activity Development Board, Long Range Planning Committee |
| Bl. Sendov | (Technology) Affiliate Members, IFIP Unesco Liaison Committee, Specialist Group Committee, Technical Committees |

./.

HIGHLIGHTS (cont.)

RESPONSIBILITIES (cont.)

G.J. Morris

(External) Admissions Committee, Developing Countries Support Committee-DCSC, IFIP Committee for International Liaison-ICIL, Marketing Committee, Publications Committee

A. Melbye (Internal) Congress Guidelines Committee, Finance Committee, Internal Awards Committee, Statutes and Bylaws Committee, Cognizant Officer for IMIA

J. Fourot IFIP Secretariat

O.M. Dalton Finances (in general), Site Selection Committee

G.Sacerdoti Cognizant Officer for TC 2 and TC 5

A.A. Verrijn-Stuart Cognizant Officer for TC 3

P. Kovacs Cognizant Officer for TC 6 and TC 10

A.A. Dorodnicyn Cognizant Officer for TC 7

L. Penedo Cognizant Officer for TC 8

R. Iau Cognizant Officer for TC 9 and TC 11

IFIP COMMITTEE CHAIRMEN

STANDING COMMITTEES

| | |
|---|---------------------|
| Activity Development Board | G. Glaser |
| Admissions Committee | P.-X. Guo |
| Congress Guidelines Committee | J.H. Finch |
| Developing Countries Support Committee-DCSC | L. Penedo |
| Finance Committee | A.A. Verrijn-Stuart |
| IFIP Committee for Intl. Liaison - ICIL | R.I. Tanaka |
| IFIP Unesco Liaison Committee | J. Fourot |
| Internal Awards Committee | J. Fourot |
| Marketing Committee | H.W. Le Roux |
| Publications Committee | H.W. Le Roux |
| Site Selection Committee | J.H. Finch |
| Statutes and Bylaws Committee | C.J. Potter |
| IFIP Conference Officer | J.E.D. Navez |
| IFIP Newsletter Editor | J.L. Rosenfeld |
| IFIP Publications Officer | K. Duncan |

AD HOC COMMITTEES

| | |
|--|-------------|
| Congress Committee | Bl. Sendov |
| IFIP Commission for the History of IFIP and Information Processing | H. Zemanek |
| Long Range Planning Committee | R.I. Tanaka |
| Nomination Committee for Officers | A. Melbye |
| Nomination Committee for Trustees | O.M. Dalton |
| Specialist Group Committee | Bl. Sencov |

HIGHLIGHTS (cont.)

ADMISSIONS

| | |
|-----------------------|--------------------|
| Fiji Computer Society | - Full Member |
| VLDB Endowment | - Affiliate Member |

TECHNICAL COMMITTEES/WORKING GROUPS

| | | | |
|--------|----------------|---------------------------------|--------------------|
| WG 5.4 | (Name Change) | Computerized Process Control | Computer-Aided |
| WG 5.7 | (Name Change) | Production Management | Computers in Food |
| WG 5.9 | (New) | Production and Agriculture | Network Management |
| WG 6.6 | (New) | for Communication Networks | Discrete |
| WG 7.4 | (New) | Optimization | |
| WG 7.5 | (New) | Reliability and Optimization of | Structural Systems |

FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS

| | | | |
|----------------|---------------|--|---------|
| March 1987 | 10 March | Executive Board | a.m. |
| | | ADB | p.m. |
| | 11 March | ADB | a.m. |
| | | Council | p.m. |
| | 12 March | Council | all day |
| September 1987 | 1-6 September | General Assembly and Related Meetings | |

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COUNCIL MEETING
 Dublin Ireland
 29 August 1986

ATTENDANCE

Council Members Present

| | |
|---------------------|-----------------|
| K. Ando | President |
| A.W. Goldsworthy | President-Elect |
| G. Glaaer | Vice-President |
| Bl. Sendov | Vice-President |
| G.J. Morris | Vice-President |
| J. Fourot | Secretary |
| O.M. Dalton | Treasurer |
| P.-X. Guo | Trustee |
| A. Melbye | Trustee |
| A.A. Verrijn-Stuart | Trustee |
| A.A. Dorodnicyn | Trustee |
| H.W. Le Roux | Trustee |
| J.H. Finch | Trustee |
| G. Sacerdoti | Trustee |
| L. Penedo | Trustee |

Others Present

| | |
|----------------|------------------------|
| D. Dolan | C86 OC Chairman |
| R. Iau | SEARCC |
| J.L. Rosenfeld | IFIP Newsletter Editor |

In Attendance

| | |
|-----------------|---------------------------|
| J. Amemiya | Assistant to K. Ando IFIP |
| Gwyneth Roberts | Secretariat, Geneva |

Secretariat

Jacqui Stokes

Louise Gunnin

Ulla Niklaus

S. Stokes

C86 OC Secretariat Irish

Computer Society IFIP

Secretariat, Geneva C86

OC Secretariat

N.B. Kindly note that the Council Meeting convened for 1 1/2 hours and addressed itself to prominent issues.

1. CALL MEETING TO ORDER

The President opened the Council Meeting and welcomed all participants.

Mr. Fourot was pleased to record that all the Council Members were present.

The President expressed his appreciation to the Irish Computer Society for hosting the Council, General Assembly and related Meetings.

2. APPROVAL OF AGENDA

Council unanimously APPROVED the Agenda.

3. APPROVAL OF PREVIOUS COUNCIL MINUTES (CI LISBON 86)

Council unanimously APPROVED the Lisbon Minutes.

4. EXECUTIVE BOARD REPORT

Mr. Fourot advised that the Executive Board had met on 27 August 1986 and, despite a previous understanding, had decided it would be worthwhile to hold a short Council Meeting prior to GA. The Agenda would focus on key policy issues and give Council Members an opportunity of raising all matters of importance to the Federation.

Mr. Fourot referred to the problems encountered by the local Organizing Committee of Congress 86 in respect of the South African (apartheid) question. The President referred to the text he had written to clarify the position of IFIP (IFIP did not take any account of the political, social or economic aspects of its Member Societies as it was totally dedicated to the transfer of scientific and technical information and experience...). Mr. Dalton explained the negotiations undertaken by the local OC C86 to avoid the C86 plans being seriously disrupted.

5. ACTIVITY DEVELOPMENT BOARD REPORT

Mr. Goldsworthy announced that he had no issues to put forward to the Council: a full report would be presented to the General Assembly.

6. IFIP CONGRESS 86; GENERAL DISCUSSION

Mr. Dolan remarked that the Congress registration at that time was disappointingly low - just over 850. The numbers fell short in Ireland, U.K., U.S.A. and Scandinavia (Denmark excepted). However, he trusted the figure, with late and on-site registrations, would amount to 1,000 - 1,050 delegates. He recalled that the break-even figure had been previously indicated as 1,450. C86 OC had a budgetary problem and had been savagely cutting back on the expenditures which were under its control in order to minimize the break-even figure. (Receptions, etc., would be somewhat curtailed.)

Mr. Dolan, nevertheless, felt the Congress would be successful as over 55 countries had registered.

In reply to various queries re the low registration figure, Mr. Dolan drew attention to the world-wide recession in the computer business (the NCC attendance had been significantly lower than previous years). Major events in the USA and F.R.G. around Congress time; MEDINFO 86 would attract some people away as it was no longer adjacent to Congress; economic factors (the registration fee was considered high by some people- exchange rates played an important role), and people tended to go to more specialized Conferences. Mr. Glaser added that AFIPS had had the intention of underwriting certain registrations (e.g. for TC members); however, due to pressures on AFIPS, this had not transpired with the resulting direct impact on C86 OC projections. Mr. Dolan was very disappointed with the response from the U.K., but underlined that specialist Conferences were much more favoured as participants could relate to 90 % of the content. Recently, in the U.K., a specialist Conference had attracted around 600 delegates. Mr. Sendov felt that more effort on the part of Member Societies was called for. Bulgaria had budgeted to support 10-15 participants and finally 21 Bulgarians had registered. Mr. Dolan mentioned that industrial support had been very disappointing as companies preferred to invest in marketing and the Congress was not relevant to the kind of people they were talking to.

Mr. Dolan mentioned that the Exhibition would be twice the size of the previous year's National Exhibition.

Mr. Le Roux considered IFIP Congresses as very important scientific events, yet felt the 'business' side should be closely examined. He proposed that an Ad Hoc Committee be appointed to review Congress 86 and report its findings to the next Council Meeting.

Discussion ensued and Mr. Verriijn-Stuart felt it was imperative that IFIP decide very soon what the formula for future IFIP World Congresses would be. If there were no clear vision, maybe the bids in the pipeline to host Congress 1992 would be withdrawn. Mr. Sendov felt something should be done to raise the prestige of the Congresses and ventured that IFIP should give

a prize - either to a 'computer' or a 'package', etc. Additionally, Invited Speakers could be recognized. Mr. Glaser referred to the prestigious magazine "Fortune" which had given a "product of the year" award, platformed by AFIPS, at the last NCC. He certainly favoured the idea of an award focussed on a product and considered this could attribute more stature to the Congress as an event. Mr. Goldsworthy pointed out that the results depended on how many local delegates the Host country could attract. Mr. Penedo concurred, and felt that more emphasis should be given to the title - e.g. "IFIP Congress" as opposed to "--th World Congress".

Regional Conferences and IFIP co-sponsored regional events were favoured. Messrs. Goldsworthy and Dalton spoke of the highly successful Pan-Pacific Conference which had taken place in Australia in the last quarter of 1985, co-sponsored by IFIP. A lot of visibility had been given to IFIP and Mr. Dalton had been made the official dinner guest of honour on account of his ties with IFIP.

In conclusion, the President felt Congress 86 would be another success and expressed his appreciation to Mr. Dolan and his Committee members.

It was noted that Mr. Bjorner would present his Programme Committee report to the General Assembly upon his arrival.

7. MEDINFO 86

The President understood everything was proceeding very smoothly and Mr. Glaser advised that Messrs. Tanaka and Peterson would report to the General Assembly.

8. OTHER COUNCIL BUSINESS (INCLUDING FUTURE COUNCIL MEETINGS)

Mr. Fourot recalled that the next Council Meeting would take place in Singapore 9-12 March 1986. Mr. Iau presented a Programme 'Shell' of the planned events for 9-16 March which would enable the IFIP participants to meet as many local and regional people as possible.

Following discussion on the future lieux of Council and GA Meetings and the question of entry visas for all participants. Mr. Fourot referred to Appendix 4 of the March 1983 edition of the Standing Orders "Procedures re IFIP Meetings" and confirmed that he would ensure they were adhered to. Action

9. CLOSING OF MEETING

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

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GENERAL ASSEMBLY MEETING
Dublin, Ireland - 29-31 August 1986

ATTENDANCE

Officers Present

| | | |
|------------------|-----------------|-----------|
| K. Ando | President | Japan |
| A.W. Goldsworthy | President-Elect | Australia |
| G. Glaser | Vice-President | U.S.A. |
| Bl. Sendov | Vice-President | Bulgaria |
| G.J. Morris | Vice-President | U.K. |
| J. Fourot | Secretary | France |
| O.M. Dalton | Treasurer | Ireland |

Members Present

| | |
|----------------------|-------------------|
| H. Monteverde | Argentina |
| J.E.D. Navez | Belgium |
| R. Cioglia | Brazil Reinstated |
| J.H. Finch | Canada |
| P.-X. Guo | China |
| L. Uncovsky | C.S.S.R. |
| A. Melbye | Denmark |
| H. Haglund | Finland |
| N.J. Lehmann | G.D.R. |
| W. Brauer | F.R.G. |
| P. Kovacs | Hungary |
| A. Balasubrahmanian | India |
| G. Sacerdoti | Italy |
| A.A. Verriijn-Stuart | The Netherlands |
| C.J. Potter | New Zealand |
| S.B. Jaiyesimi | Nigeria |
| A. Rolstadas | Norway |
| L. Penedo | Portugal |
| H.W. Le Roux | South Africa |
| A. Alvarez Rodriguez | Spain |
| K. Hernaes | Sweden |
| K. Bauknecht | Switzerland |
| A.A. Dorodnicyn | U.S.S.R. |

Members Present (cont.)

| | | |
|---|-------------------|--------|
| R. Iau | | SEARCC |
| H. Zemanek | Honorary Member | |
| R.I. Tanaka | Honorary Member | |
| R. Narasimhan | Individual Member | |
| H. Peterson | Associate Member | IMIA |
| H. Freeman | Affiliate Member | IAPR |
| P.H. Enslow, Jr . | Affiliate Member | ICCC |
| J.C. Rodgers (Representing I.Harvey) | Affiliate Member | FACE |

Members Represented by Proxy

| | | |
|----------------|---------|-----------------|
| O. Zich | Austria | W. Grafendorfer |
| H. Aboud | Iraq | A.M. Schubber |
| J. Raviv | Israel | D. Millin A. |
| L. Lukaszewicz | Poland | Torlecki |

Members Absent

| | | |
|-----------------|------------------|-----------|
| A. Ameer-Moussa | Algeria | |
| O. Olivera | Cuba | |
| A.E. Sarhan | Egypt | |
| N. Dimitriadis | Greece | |
| B.-C. Lee | Korea | |
| M.B. Mounajed | Syria | |
| F. Kamoun | Tunisia | |
| A. Mandzic | Yugoslavia | |
| J. Vidart | | CLEI |
| I.L. Auerbach | Honorary Member | |
| J. Brosveet | Affiliate Member | IASC |
| J. Tiberghien | Affiliate Member | EUROMICRO |
| D.E. Walker | Affiliate Member | IJCAII |

Technical Committee Chairmen Present

| | |
|--------------|------------------|
| R.E.A. Mason | TC 2 |
| W. Brauer A. | TC 3 (GA Member) |
| Rolstadas | TC 5 (GA Member) |
| R. Uhlig G. | TC 6 |
| Bracchi | TC 8 |

Technical Committee Chairmen Present (cont.)

| | |
|-------------|-------|
| H. Sackman | TC 9 |
| D. Aspinall | TC 10 |
| P. Hoving | TC 11 |

Technical Committee Chairman Absent

| | |
|--------------|------|
| M. Lucertini | TC 7 |
|--------------|------|

Committee Chairmen Present

| | |
|------------------|------------------------|
| D. Dolan | Congress 86 OC |
| D. Bjoerner | Congress 86 PC |
| S. Yau | Congress 89 OC |
| H.-R. Schuchmann | Publications Committee |

Observers Present

| | |
|--------------------|---------------------------------------|
| M. Sherwood-Smith | Chairman, Irish Computer Society |
| K. Drury | Vice-Chairman, Irish Computer Society |
| Karen Duncan | Publications Officer |
| Gloria Karlmark | Publications Committee Member |
| M. Paul | Publications Committee Member |
| J.L. Rosenfeld | IFIP Newsletter Editor |
| J. Flint | IMIA Treasurer |
| R. Spieker | C89 OC Vice-Chairman |
| E. Fredriksson | North-Holland Pub. Co. |
| Stephanie Smit | North-Holland Pub. Co. |
| J. Mayer | Springer-Verlag |
| K. Fuchs-Kittowski | WG 9.1 Chairman |
| E. Owolabi | Unesco Representative |
| E.L. Robertson | ICID Member |
| G. Fairall | ARCC Member |
| G. Okado | ARCC Member |
| A. Eskenasi | Bulgaria |
| Ye Fang | China |
| A.L. Gonzalo | Spain |
| M. Game l l a | Spain |
| I. Mitchell | New Zealand |

In Attendance

| | |
|-----------------|---------------------------|
| J. Amemiya | Assistant to K. Ando IFIP |
| Gwyneth Roberts | Secretariat, Geneva |

Secretariat

| | |
|----------------|--------------------------|
| Jacqui Stokes | C86 OC Secretariat |
| Louise Gunning | Irish Computer Society |
| Ulla Niklaus | IFIP Secretariat, Geneva |
| S. Stokes | C86 OC Secretariat |

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 expressed his heartfelt appreciation to the Hosting Society, the Irish Computer Society, for the excellent arrangements and hospitality. In particular, he thanked the ICS President, Mr. Kennedy; the ICS Chairman, Mr. Sherwood-Smith, and the ICS GA representative, Mr. Dalton. Additionally, he thanked Messrs Dolan and Drury and the people behind the scenes - Ms Stokes, Ms Gunning and Mr. Stokes.

The President introduced the new GA representatives: Messrs Monteverde/Argentina, Uncovsky/C.S.S.R. and Alvarez Rodriguez/Spain. He advised that Brazil hoped to be reinstated and presented the new representative - Mr. Cioglia.

Mr. Fourot announced that proxies had been received

| | from | | in favour of |
|---|-----------------|-----------|---|
| o | Mr. Zich | - Austria | Mr. Grafendorfer |
| o | Mr. Aboud | - Iraq | Mr. Schubber |
| o | Mr. Raviv | - Israel | Mr. Millin |
| o | Mr. Lukaszewicz | - Poland | Mr. Dorodnicyn (for the first day) Mr. Torlecki |

Mr. Fourot advised that Mr. Rodgers was representing Mr. Harvey/FACE and although no news had been received direct from CLEI, Mr. Monteverde/Argentina* (* a member of CLEI) would further some information.

Excuses had been received from Mr. Dimitriadis/Greece, Mr. Auerbach/Honorary Member, Mr. Brosveet/IASC, Mr. Walker/IJCAII and the Sister Federations.

Mr. Fourot regretted that no news had been forthcoming from the General Assembly Members for Algeria, Cuba, Egypt, Korea, Syria, Tunisia, Yugoslavia, nor from EUROMICRO and the TC 7 Chairman, Mr. Lucer tini.

Mr. Sherwood-Smith gave an excellent slide presentation on the Irish Computer Society.

2. APPROVAL OF AGENDA

General Assembly unanimously APPROVED the Agenda

3. APPROVAL OF PREVIOUS MINUTES (GA TOKYO 85)

General Assembly unanimously APPROVED the Minutes of the Tokyo GA Meeting.

A. PRESIDENT'S REPORT

The President referred to his Annual Report and remarked that from July 1985 through June 1986 more than 82 events had been planned and implemented by IFIP TCs, WG ' s , IMIA and Affiliate Members. He underlined two major events: WCCE'85 and CAPE '86.

The President spoke about the improvement in the organizational structure of IFIP: The Activity Development Board which had grown out of the former Activity Planning Committee and had held its first meeting in Lisbon with very successful results; the Executive Body with a more authoritative management role. An extraordinary Executive Board Meeting had taken place in Las Vegas in June 1986 at the time of NCC and the 25th Anniversary Celebration of AFIPS to which all EB Members had been invited. The President advised that he had convened the first meeting of IFIP Honorary Members (Messrs. Auerbach, Zemanek and Tanaka) who had appreciated the initiative and pledged their continuous support to IFIP.

The President gave a briefing on the activities of ICID, Unesco (IIP), etc., as outlined in his Annual Report.

In conclusion, the President expressed his heartfelt gratitude to all the IFIP colleagues who had supported him during his Presidency term of three years. He felt that the technical contribution of IFIP in the field of world Information Processing would be further accelerated under the leadership of the incoming President, Mr. Goldsworthy, and wished him every success.

5. SECRETARY'S REPORT

Mr. Fourot referred to the IFIP Standing Committees and said it was time for them to be changed - in accordance with the established practice (at the end of a President's term). Therefore, the Standing Committee Chairmen were deemed to have resigned. New appointments would be announced by the incoming President at the end of the Meeting.

Mr. Fourot drew attention to the 'Continuing Action List' which had been distributed to concerned parties prior to the GA Meeting and, again, requested that he be advised once an action had been completed.

Mr. Fourot confirmed that he would produce a further Attendance Chart re Council and GA Meetings (covering six years) and distribute same in due course.

Mr. Fourot advised that the IFIP Secretariat, which had been functioning in a very limited space, had located new premises in Geneva and would be officially moving in 1 October 1986. Due to the highly increased work-load, a full-time assistant for Ms Roberts would be engaged.

Mr. Fourot reported on his contacts with UITA (Union of International Technical Associations) which was eager for some kind of association with IFIP. Nothing concrete had been established as at that time.

Mr. Fourot recalled the situation in respect of the Member Societies of Brazil and Morocco which had been advised that their Membership had been officially withdrawn. Morocco was, therefore, no longer an IFIP Full Member, but Brazil had reacted positively indicating its strong intention to continue as a Full Member. Brazil had sent a representative to the GA Meeting, Mr. Cioglia, with confirmation that the unpaid Back Dues were being transferred to the IFIP Secretariat. Mr. Morris consequently moved that the General Assembly reinstate Brazil as a Full Member.

General Assembly ADOPTED the motion, with three abstentions.

Mr. Brauer queried the status of Moroccan members on Technical Committees. Mr. Fourot replied he had issued a letter to all TC Chairmen earlier in the year on the matter - although they could not remain as TC representatives for Morocco, there was no objection to their participating in Working Groups.

MAJOR EVENTS

6.1 IFIP Congress 86

6.1.1 Organizing Committee

Mr. Dolan presented his report (GA Dublin 86/C86 OC) and confirmed that the number of registrations the prior day was 887. He, however, hoped the final figure would reach 1,050/1,100. Mr. Dolan recalled that the break-even figure had been budgeted at 1,450 and, due to this, OC had been obliged to cut back on expenditures (e.g. there would be no coaching except for the banquet, less lavish receptions, etc.).

[Refer to the comments in the Council Meeting Minutes, pages 12 & 13]

Mr. Dolan remarked that the C86 Programme Committee had always met in Dublin and OC and PC were able to work very well together. Although there had been certain differences of opinion, he wished to express his sincere thanks and appreciation to Mr. Bjorner and the PC members.

Despite the disappointing registration figure, the President was very pleased to note that over 55 countries would be participating in Congress 86 thus making it a truly international event, and wished the Congress organizers every success with their final plans.

6.1.2 Programme Committee

Mr. Bjorner presented his report (GA Dublin 86/C86 PC) and stated he had been in Dublin two weeks beforehand to review the final preparations, and he wished to express his most sincere thanks for their extensive work, kindness and help to Messrs. Dolan (OC Chairman), Byrne (OC-PC Liaison), Kugler (Proceedings Editor) and Ms Stokes (OC Secretary).

In reply to a query regarding the active participants, Mr. Bjorner advised that only 4-5 out of 200 had not turned in their manuscripts and would not be coming -due mainly to urgency of their corporate business.

Mr. Bjorner drew attention to an appendix to his report headed "Miscellaneous, personal thoughts on improving IFIP Congresses". This matter- was lengthily discussed

In conclusion, Mr. Bjorner also thanked the General Assembly, the Council and President Ando for their continued support.

The President expressed IFIP's appreciation of the tremendous effort and work of Mr. Bjorner and his Committee members.

6.2 MEDINFO 86

Mr. Peterson, who Chaired the Steering Committee, gave a briefing on the organization of the Fifth World Congress on "Medical Informatics - Medinfo 86", 26-30 October 1986, Washington, D.C. The Organizing Committee was Chaired by Mr. Lindberg, the Programme Committee by Mr. van Bommel and the U.S. Council for Medinfo 86 by Mr. Tanaka. Mr. Salamon Chaired the Proceedings Editorial Committee.

Mr. Peterson advised that 270 out of 700 papers had been selected and the quality was extremely good. Between 3-4,000 participants were expected which would make it the largest Medinfo thus far. He confirmed that everything was proceeding exactly as scheduled.

Mr. Tanaka referred to his report (GA Dublin 86/MED 86-1A) highlighting 'local sponsorship', 'financial sponsorship', 'Exhibition', 'scientific demonstrations' and 'social events'. He mentioned that the two keynote speakers at the opening session would be Prof. E. Zeigenbaum (Artificial Intelligence) and Sir Walter Brodmer (Molecular Biology).

Mr. Tanaka considered OC had done an outstanding job and drew attention to the very interesting non-commercial

scientific demonstrations which would take place throughout the Congress.

In conclusion, Mr. Tanaka stated that the Congress tours included places which were not usually able to be visited by the public.

It was noted that the Medinfo 86 Budget had not changed essentially and a healthy surplus was envisaged. Mr. Flint confirmed that IMIA had been able, finally, to extend the promised loan to Medinfo 86 of \$ 20,000 (\$ 10,000 in 1985 and \$ 10,000 in 1986).

The President wished the Medinfo 86 organizers every success with the event.

6.3 IFIP Congress 89

Mr. Yau, OC Chairman, presented the preliminary announcement of IFIP Congress 89 (11th World Computer Congress) which would take place in San Francisco, 28 August - 1 September 1989. The location of the Congress was in a high technology area - Moscone Center. Mr. Yau subsequently gave a slide presentation of the lieu and its surroundings .

In reply to a query of Mr. Goldsworthy, Mr. Yau confirmed that a budget would be presented at the next Council Meeting (Singapore).

Action

6.4 MEDINFO 89

Mr. Peterson announced that Medinfo 89 was scheduled to take place in Beijing, China, 16-20 October 1989. IMIA had held its last Board Meeting in Beijing in order to look at the premises and hotels, etc. President Ando had participated in the Meeting. Mr. Guo gave a briefing on the various local organizations which would be involved - along the lines of the U.S. Council established for Medinfo 86. Mr. Flint advised that IMIA was entering into a contract with Mr. Guo and was in the process of formalizing same which would probably be concluded during Medinfo 86 in Washington.

6.5 WCCE 90

Mr. Brauer announced that the next World Conference on "Computers and Education - WCCE 90" would be hosted by the Australian Computer Society in Sydney, end August 1990. There had been a strong competition between Australia, New Zealand and Japan to host the event. The problem had been resolved by scheduling the main Conference in Australia with pre- and post-Conference activities in New Zealand and Japan. The topic for the New Zealand activity had not yet been decided, but Japan had decided on

an International Conference devoted to "Advanced Research in Computers in Education".

Mr. Brauer advised that Ms Wills (Australia) would Chair the Programme Committee of WCCE 90 whilst Messrs. Otsuki (Japan) and Boswell (New Zealand) would act as Vice-Chair men. All TC 3 members plus the WG Chairmen would be ex-officio members of PC and the WCCE 85 PC Chairman, Mr. Hamblen, would also be invited to join the Committee. Additionally, Unesco and IBI, etc. would be approached for co-operation. PC members would be asked to create National Committees in order to support WCCE 90.

Mr. Brauer stated that, at the request of Japan, TC 3 requested the General Assembly to concede that any surplus from the pre- and post-Conference activities be given entirely to the Host organizations. TC 3 considered that the pre- and post-Conference activities, in support of WCCE 90, would be enhancing and attract more people from North America and Europe.

Mr. Brauer advised the next (3rd) PC meeting would take place in Bombay, March 1987.

A loan of SFR. 15,000 (1,000/87, 2,000/88, 4,000/89 and 8,000/90) was requested for the main Conference. It was noted that the pre- and post-Conference activities would be advertized in all the WCCE 90 publicity.

The loan of SFR. 15,000 was APPROVED udget. in the overall IFIP

General Assembly unanimously ADOPTED the proposal to alio any surplus from the pre- and post-Conference activities to go to the respective organizers (New Zealand Computer Society and the Information Processing Society of Japan).

7. ELECTIONS

7. 1 Nominations Committee Report - Officers

Mr. Dalton referred to the NCO letter of 31 July 1986 distributed to GA Full Members. (Reference was made to the GA Tokyo 85 decision to agree to the establishment of another - fourth Vice-President: Tokyo Minutes Agenda Item 9.).

General Assembly RE-ELECTED (his previous term had been a replacement term of one year) Mr. Morris/U.K. as Vice-President for a three-year term (1986-1989).

General Assembly ELECTED Mr. Melbye/Denmark as Vice-President for a three-year term (1986-1989).

7.2 Nominations Committee Report - Trustees

Mr. Melbye referred to the NCT letter of 21 July 1986 distributed to GA Full Members - proposing the re-election of Messrs. Sacerdoti and Penedo as Trustees and the election of Mr. Iau as Trustee.

Due to Mr. Melbye having been elected Vice-President, there remained a two-year Trustee term to be filled and NCT proposed the nomination of Mr. Kovacs.

Mr. Hernaes subsequently, from the floor, proposed the name of Mr. Rolstadas which was supported by Messrs. Le Roux and Navez.

General Assembly RE-ELECTED Messrs. Sacerdoti/Italy and (his previous term had been a replacement term of two years) Penedo/Portugal as Trustees for three-year terms (1986-1989).

General Assembly ELECTED Mr. Iau/SEARCC as Trustee for a three-year term (1986-1989).

General Assembly ELECTED Mr. Kovacs/Hungary as Trustee for a two-year term (1986-1988).

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

General Assembly gave a VOTE OF THANKS to Mr. Finch/Canada who had completed two three-year terms as Trustee.

Mr. Morris offered to draw up a paper on IFIP voting practices for SBC.

FINANCES

Audited Accounts

Mr. Dalton referred to his Annual Report 1985/1986 and drew attention to TREAS-1 (Statement of Receipts and Expenditures for 1985 and Balance Sheet as of 31 December 1985) which showed net assets at the end of 1985 of SFR. 1,091,076.47. Total expenses for 1985 amounted to SFR. 437,506.59 against an income of SFR. 440,585.18. It was noted that Royalties had realized a highly successful figure of approximately SFR. 158,000 and Conference Surpluses amounted to SFR. 50,524.44. It was further noted that the IGIS debt of SFR. 34,316.80 had been written off although this did not exclude them from attempting to pay all or part of the amount due.

Mr. Dalton presented TREAS-2 (Auditor's Report) which confirmed the correctness of the 1985 Accounts and the surplus for the fiscal year of SFR. 3,078.59.

Mr. Dalton gave a briefing on TREAS-3 (1985 Income/Expense versus Budget, with previous year actuals).

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

8.2 1986 Statement - to 30.4.86

Mr. Dalton presented TREAS-5 and felt the 1986 fiscal year would end in a deficit as the trend of expenditures was increasing. He considered IFIP would have to be very prudent over the coming years in respect of its commitments, but commitments to Technical Committees and activities related to DC's would not be hampered.

8.3 Dues Situation

Mr. Dalton presented TREAS-4 (Membership Dues Situation as at 22 August 1986) which showed that approximately 20 Member Societies had still not paid their 1986 Dues and he requested that they be transferred to the IFIP Action Secretariat as soon as possible. There were a few de-linquent countries for 1984 and 1985 and reminders had been sent earlier in the year.

8.4 Investments

Mr. Dalton reported that he had recently visited the Swiss Bank Corporation in London which handled IFIP's investment portfolio and confirmed that the original management guidelines had been modified such that a specified subset of the funds was managed by SBC in the form of a freehand bond portfolio.

8.5 Current Budget

Mr. Dalton referred to the IFIP Secretariat - its move to larger quarters and necessity for further staff. In that respect, he moved that the IFIP Secretariat 1985" Budget be increased by a further SFR. 50,000 to deal with the moving costs, decoration costs, increased rent, buying of furniture, etc.

General Assembly ADOPTED the motion, with two abstentions.

8.6 1987 Budget

Mr. Dalton presented the 1987 'draft' Budget which included a substantial increase for the IFIP Secretariat (in view of its previously-explained expansion and activity) of approximately 40% over the 1986 Budget.

Following discussion, during which Mr. Morris expressed concern at the increased expenditure (although he sanctioned it) and the means of funding, Mr. Dallon explained that the Finance Committee would address the issue and study various possibilities during the coming months of finding further funding for various IFIP activities. Mr. Dalton underlined that FC dictated policy and he, as Treasurer, only implemented it.

General Assembly APPROVED the 1987 Budget, with five abstentions.

- 7 Mr. Rolstadas moved that the Finance Committee present a five-year Budget at the next General Assembly Meeting.

Discussion ensued during which Mr. Millin considered that certain computer industries could be approached for funding and such a Budget would be a tangible publicity for their supporting IFIP activities.

General Assembly ADOPTED the motion, with three abstentions.

Action

9. ACTIVITY DEVELOPMENT BOARD MEETING REPORT

Mr. Goldsworthy advised that ADB had met the previous day with fruitful discussions and referred to his report (GA Dublin 86/ADB) as well as to his Annual Report 1985/86.

APPROVAL OF ACTIVITIES

Six TC 8 activities were approved (refer Agenda item 10.6 -TC 8).

LOANS VERSUS GRANTS

Mr. Goldsworthy confirmed that ADB supported the Finance Committee's recommendation, as outlined in its Annual Report 1985/86, that the guidelines be revised as follows:

"Financial support for TC and WG events is, in principle, given as a loan. A grant may, however, be applicable as 'seed' money within reasonable limits, provided the event is a Working Conference with reviewed contributions being published as Proceedings or similar."

It was felt necessary to seek more adequate information in respect of requests and to be provided with short reports on the results of activities. Mr. Goldsworthy advised that a report form developed by TC 5 would be submitted to all TC Chairmen and their comments would be directed to the IFIP Conference Officer for consideration and subsequent implementation.

WORKING GROUP ON AGRICULTURE

Mr. Goldsworthy confirmed that ADB had approved the formation

of WG 5.9 with a few changes in the proposed Aims and Scope (refer Agenda item 10.3).

PUBLICATIONS POLICY AND PROCEDURE

An excellent presentation had been given by the Publications Officer at the ADB meeting. The Publications Committee had been asked to further investigate the possibility of a wider dissemination of Conference proceedings, particularly in developing countries and to look into cost issues.

DISPLAYS GROUP

(Refer to Agenda item 13.1: Admissions).

STANDARD ACTIVITY

Mr. Goldsworthy recalled that the TC 6 Chairman, Mr. Uhlig, had been assigned the task of preparing a position paper on "The IFIP Role in Standards". ADB supported in full the thrust of the paper and the points outlined in the Summary, namely:

- 1) The focus of IFIP standards efforts should be in prestandards consensus generation.
- 2) Every member of a TC should work to identify key areas in which his TC should undertake prestandards consensus generation efforts.
- 3) TC members should identify individual experts in their countries, and in their fields of interest, to work on these efforts.
- 4) These individuals should be invited to participate in the formation of working groups and subgroups, through workshops, working conferences, symposia, etc., organized by TCs.
- 5) The goal of such Working Groups and subgroups should be to develop models or frameworks which can be used as a basis for work by official standards organizations.
- 6) Transfer of results to standards organizations should be informal, but results need to be clearly identified as IFIP contributions.
- 7) IFIP Working Groups should participate in the work of standards organizations in an advisory capacity.
- 8) IFIP Working Groups should review draft standards recommendations and provide comment back to standards organizations.

Mr. Uhlig addressed his position paper which gave rise to discussion. He advised he had spoken with Mr. Rolstadas, the TC5 Chairman, and they would try to set up some kind of Conference during the next 12-18 months which would be an IFIP Conference looking at the status of standards which might be of interest. Mr. Uhlig said he would also be talking to ISO (International Standards Organization) in the near future.

Mr. Goldsworthy thanked Mr. Uhlig for all the work he had undertaken to produce his paper.

TAXONOMY

Mr. Goldsworthy mentioned that Mr. Glaser was developing further a proposed taxonomy that could be used for long-range planning.

IFIP IN THE 21ST CENTURY

Mr. Le Roux said he had been charged with the task of preparing a position paper with the major objective of establishing some guidelines - to be developed in order for IFIP to establish its role and identity in the 21st century. Mr. Le Roux addressed the paper which had been distributed to all GA participants.

TC CHAIRMEN REPORTS

- ADB recommended the approval of a grant of SFR. 13,000 to TC 3 to assist in staging an event to celebrate its 25th Anniversary (refer Agenda item 10.2).
- ADB recommended the establishment of a new Working Group 6.6 with proposed Aims and Scope (refer Agenda item 10.4).
- ADB encouraged all TC's to develop more effective working relationships with Unesco. Action
- ADB recommended that changes being proposed to the Aims and Scopes of TC 5 WG's be approved (refer Agenda item 10.3).

Mr. Goldsworthy mentioned that a pilot scheme of developing and using an address database for mailing out information on planned events was being implemented by TC 5.

AFFILIATE MEMBERS

Mr. Goldsworthy advised that the representatives of IAPR, FACE and ICCC had participated in the ADB meeting. They had agreed to meet in a group and prepare a paper, to be sent to the other Affiliate Members for comment, on how more positive interaction with IFIP might be formulated. A report would be presented to the next Council Meeting. Action

TC REVIEWS

General Assembly unanimously APPROVED the TC Review Schedule presented by Mr. Glaser, namely: 1989/TC 3, 1990/TC 6, 1991/ TC 8 + TC 9, 1992/TC 5 + TC 7, 1993/TC 10 + IMIA, 1994/TC 2 + TC 11.

Mr. Glaser said he would duly advise the TC Chairmen. Action

Mr. Glaser recalled the following Reviews (already GA-approved): 1986/TC 10 + IMIA, 1987/TC 2, 1988/TC 11.

AFRICAN REGIONAL COMPUTER CONFEDERATION

Mr. Le Roux referred to his report to ADB, which had subsequently been distributed to GA participants. He drew attention to past and present activities including various Tutorials conducted by IFIP TC's. He confirmed that the Zimbabwe Computer Society would host the TC 6 "AFRICOM 87" in Harare, September 1987.

Mr. Le Roux underlined the size of the region and the travelling costs. ARCC had decided to divide into four sub-regional groups: Central African (Zimbabwe, Zambia, Malawi), Eastern African (Kenya, Uganda, Tanzania), Southern African (Rep. of Sth Africa, Botswana, Swaziland, Lesotho, Namibia) and Western African (Nigeria, Ghana, Liberia, Sierra Leone, Gambia, Benin). Members of the Central and Eastern African sub-regions would be approached to apply for IFIP Membership; the other sub-regions were headed up by IFIP Members.

Mr. Le Roux said each region would be contacted in order to equate exact requirements as they could vary from country to country. Mr. Jaiyesimi considered that the activities of TC 3 and TC 6 were extremely vital for the African region.

Mr. Penedo trusted ARCC would apply for 'Regional Group' Full Membership in IFIP. Mr. Le Roux replied he would like to see that happen as quickly as possible, but the current objective of ARCC was to establish a programme of activities. He had met in Dublin with representatives from the Zimbabwe Computer Society and the Kenya Computer Institute to discuss on-going ARCC events. They had participated in the ADB meeting and had thus been able to interface with the ICID and TC Chairmen, etc.

Mr. Goldsworthy thanked Mr. Le Roux and his ARCC colleagues for their progress and enthusiasm.

PUBLIC SECTOR DATA PROCESSING

Mr. Goldsworthy stated that, despite difficulties, it was hoped to bring this area within the IFIP Group. A forthcoming activity of TC 8 appeared to provide the most suitable opportunity .

HUMAN-COMPUTER INTERACTION

Mr. Goldsworthy referred to the Task Group's extremely successful conference in 1984 and stated that ADB had approved the second International Conference on "Human-Computer Interaction - INTERACT 87" to be held in Stuttgart, 1-4 September 1987. It was hoped to incorporate the HCI operation within the IFIP structure.

CONFERENCE OFFICER

Mr. Navez presented the IFIP Activity Summary (6 year Plan) dated September 1986 and gave a briefing on the categorization

of Conferences as outlined in his report to ADB. He drew attention to the Conference Officer Job Charter Extension recommended by the Finance Committee - "insert as b) checks all contracts related to IFIP events of some size".

Mr. Goldsworthy placed on record his sincere thanks to the ADB members for their contributions to the development and improvement of IFIP.

The President expressed IFIP's appreciation to Mr. Goldsworthy for his arduous and successful work as ADB Chairman over the last years. As Mr. Goldsworthy was taking over the IFIP Presidency, a new ADB Chairman would be appointed prior to the end of the GA Meeting.

10. TECHNICAL COMMITTEE REPORTS

10.1 TC 2 (Programming)

Mr. Mason referred to his Annual Report and advised that TC 2 had held its 33rd meeting in Palo Alto, California, 3-4 April 1986. He was very pleased that the Indian representative had been able to attend which helped when discussing Developing Country issues. The next TC 2 meeting was scheduled for 6-7 April 1987 in St. Pierre de Chartreuse, near Grenoble.

Mr. Mason advised that the planned TC 2 WC on "Logical Structure of Distributed Information Processing" had unfortunately been cancelled.

Mr. Mason said TC 2 felt its Working Groups were covering important areas, but considered 'Logic Programming' and 'Distributed Programming' should be strengthened.

TC 2 had approved, in principle, a proposal for a new WG on 'Functional Programming' including a draft statement of Aims and Scope. Mr. J.M. Williams (U.S.A.), as pro-tern Chairman, had been encouraged to canvass support which might lead to the concrete establishment of a WG.

Mr. Mason announced that TC 2 had a very strong interest in conducting activities in association with DC's. It had formed two Ad Hoc Committees, Chaired by WG Chairmen and with specific geographic participation, in order to make detailed proposals for two State-of-the-Art Seminars to be organized in respectively Latin America and Asia.

Mr. Mason gave a briefing on the activities of the Working Groups and said TC 2 had approved a proposal by WG 2.5 for a WC on "Aspects of Computation on

Asynchronous Parallel Processors", 16-20 August 1988, near Stanford, California. TC 2 had also agreed to a Joint WG 2.6/WG 8.1 WC on 'Artificial Intelligence, Databases and Information Systems', 4-8 April 1988, China. (Loan request of SFR. 4,000.) - Approved by ADB.

General Assembly unanimously APPROVED Mr. Mason's report including the budget requests.

10.2 TC 3 (Education)

Mr. Brauer referred to the report of the Cognizant Officer (GA Dublin 86/TC 3-1) and to his Annual Report which had been distributed individually to the GA participants.

Mr. Brauer commented on the TC 3 membership and advised that Mr. Lovis had been re-elected WG 3.5 Chairman for a second term. Mr. Schmidt of Denmark had been nominated as WG 3.5 Vice-Chairman. WG 3.1 had recommended that Mr. Bollerslev continue as Chairman of WG 3.1.

Mr. Brauer gave a briefing on past events, including TC 3's 35th meeting, 26-28 May 1986, Gent, Belgium and the highly successful International Symposium on "Informatics and the Teaching of Mathematics in Developing Countries", 3-7 February 1986, Monastir, Tunisia (in co-operation with ICOMIDC and Unesco). The Symposium had been officially opened by the son of the Tunisian President. The Proceedings would be printed by Unesco. He also highlighted the Regional Conference on 'Microcomputers in Secondary Education', 18-22 August 1986, Tokyo and the WC on 'Micros Plus: The Educational Implications of Connecting Tools and Devices to Microcomputers', 28-30 August 1986, Woolongon, Australia.

Mr. Brauer drew attention to the TC 3 European Conference on "Computers and Education - ECCE 88", 23-31 July 1988, Lausanne. (A loan of SFR. 6,000 had been requested at the 1986 Lisbon Council Meeting.). He recalled that TC 3 had co-sponsored 'EURIT 86', a Conference on "Information Technology in Education", 20-23 May 1986, Enschede, The Netherlands. In 1988, 'EURIT' would join 'ECCE'.

Mr. Brauer added that TC 3 would celebrate its 25th Anniversary in 1988 and to celebrate that occasion, the following would be organized:

an anthology of important papers from the Proceedings of past TC 3 Conferences - to be published as an IFIP publication by North-Holland;

a special session as part of 'ECCE 88' which would reflect the historical developments in the areas of interest to TC 3.

In this connection, Mr. Brauer requested a grant of SFR. 13,000 - the approval of which had been recommended by ADB.

Mr. Brauer referred to future events, previously approved by GA and/or ADB and stated that TC 3 would hold its 36th meeting in Bombay, 12-13 March 1987 and its 37th meeting in Lausanne, 21-23 July 1988.

Mr. Brauer advised that at its last meeting, TC3 had had a long and detailed discussion on its general policy and the role of its WG's which had been generated by the distribution of questionnaires to the TC3 members. The consensus was that the TC3 structure was not bad although they had found some problems which would be dealt with in the near future. TC3 felt it should be involved in

- course ware design, development, distribution and evaluation;
- international information exchange on computers in education;
- informatics education in developing countries

TC 3 would give full support to the activities of ARCC and attempt to intensify its cooperation with Unesco. Mr. Brauer mentioned that TC 3 currently had a contract with Unesco re 'case studies'.

General Assembly APPROVED Mr. Brauer's report and the TC 3 budget requests were approved in the overall IFIP Budget .

[Kindly note an error crept into the GA Tokyo 85 Minutes - part of the Minutes re TC 3 appear under TC 5 - see pages 37 + 38]

10.3 TC 5 (Computer Applications in Technology)

Mr. Rolstadas referred to his Annual Report and stated that, at the 24th TC5 meeting, 20 May 1986, Copenhagen, both he and the Secretary, . Mr. Fransson, had been re-elected for further 3-year terms. Mr. Ehrenberger had been appointed to succeed Mr. Malagardis as WG5.4 Chariman and Mr. Hee to succeed Mr. Kuo as WG5.6 Chairman although the latter would remain as Vice-Chairman. Mr. Rolstadas said TC5 had a good geographical spread membership-wise, but he would like to see more members from DC's and called upon SEARCC and CLEI to appoint representatives to TC5. Mr. Rolstadas advised that the next TC5 meeting would take

place following the GA, namely on 2 September in Dublin; the following was scheduled for 3 April 1987 in Beijing to coincide with a TC 5 Seminar on "Introducing Computer-Aided Techniques in Manufacturing, Engineering and Management".

CAPE '86 had been successfully organized in Copenhagen, 21-23 May 1986 with 330 delegates from 26 countries. Mr. Rolstadas wished the tremendous amount of work undertaken by Mr. Falster for CAPE '86 to be recognized .

Mr. Rolstadas drew attention to the various TC 5 publications and past events, as outlined in his Annual Report and mentioned that a second State-of-the-Art report on "Computer-Aided Production Management" was planned, under his Editorship, and would be issued in 1987.

Referring to the future events listed in his Annual Report, Mr . Rolstadas confirmed that the five items marked as 'not yet approved' had since been approved by ADB.

Mr. Rolstadas stated that TC 5 used grants, but would work out more detailed guidelines with justification criteria.

Commenting on the various TC 5 Working Groups, approval (recommended by ADB) was sought in respect of the following.

New Aims and Scope for WG 5.2 (Computer-Aided Design):

The Aim and Scope of the Working Group is to promote and encourage the advancement of the field of computer-aided design (CAD) and its associated topics, such as:

- the theory of CAD;
- the software philosophy related to CAD;
the systems software and architecture;
the methodology of CAD-systems;
the CAD-oriented data structures, data bases
and relation with other databases; the
lifetime of CAD software;
- the language in which the CAD-system is written;
- the human/computer interaction including computer graphics;
the input/output organizations;
- the expert systems for CAD;
- the coupling with manufacturing, testing and other CAD-related topics;
- the applications;

- the economic and social justifications.

It shall further work to reduce cost through development and standardization of technique, software, firmware and hardware, taking into account the job satisfaction of the user of a specific CAD application and its impact on society.

The Working Group will have the following specific tasks in furthering the area of its Scope:

- 1) maintain liaison with the other appropriate national and international organizations, IFIP Technical Committees and Working Groups working in the same field, and cooperate with them whenever desirable to further and common goals;
- 2) be responsible for organizing and presenting working conferences on selected topics of CAD;
- 3) conduct other workshops and symposia as deemed appropriate in furthering its Scope;
- 4) to develop and sponsor research, investigations and economic and social studies into the various aspects of the topic of its Scope.

New Name for WG 5.3: (Computer-Aided Manufacturing).

New Name, Aim and Scope for WG 5.4: (Computerized Process Control).

The Aim of the Working Group is to investigate existing methods in computerized process control, to exchange ideas on current developments on the subject matter, to promote standardization in that area and to forward the issues raised through publications, conferences and workshops.

The Aims will be achieved by dealing with the following items as far as they relate to computer in process control:

- 1) computers in continuous technical processes;
- 2) real-time applications of computers;
- 3) distributed computer systems, open system's interconnections;
- 4) man/machine communications;
- 5) languages for process computers;
- 6) data bases, artificial intelligence and knowledge engineering for process control;
- 7) dependability, reliability, safety and security of hardware and software of computer systems;
- 8) process simulation, design and documentation;
- 9) questions of standardization and licensing.

In promoting its Aims and within its Scope the WG will:

- maintain liaison and cooperate with the national and international organizations working in the same area;
- be responsible for organizing workshops, etc.;
- develop and sponsor research investigations;

New name, Aim and Scope for WG 5.7: (Computer-Aided Production Management).

The Aim of the Working Group is to promote and encourage the advancement of the field of computer systems for the production management of manufacturing, off-shore, constructing, electronic and similar and related industries.

The Scope of the work includes-, but is not limited to the following topics:

- 1) design and implementation of new production planning and control systems taking into account new technology and management philosophy;
- 2) CAPM in a CIM environment including interfaces to CAD and CAM;
- 3) project management and cost engineering;
- 4) knowledge-engineering in CAPM;
- 5) CAPM for Flexible Manufacturing Systems (FMS) and Flexible Assembly Systems (FAS);
- 6) methods and concepts in CAPM;
- 7) economic and social implications of CAPM.

The Working Group will have the following specific tasks in furthering the area of its Scope:

- a. maintain liaison with the other appropriate national and international organizations and IFIP's TCs and WG's working in related fields;
- b. conduct working conferences and symposia as deemed appropriate in furthering its Scope;
- c. stimulate and sponsor research investigations and economic and social studies into the various aspects of the topics of its Scope.

- A new Working Group WG 5.9 (Computers in Food Production and Agriculture) with the following Aim and Scope:

The Aim and Scope of the Working Group is to promote and encourage the advancement and promote the application of computers in all areas of food production and agriculture and the related ecological and environmental aspects that impact upon all aspects of food production.

The Scope of the work includes, but is not limited to the following items:

- 1) large systems modelling;
- 2) computer control and monitoring of machines, processes and systems;
- 3) data bases and data banks;
- 4) food and crop distribution;
- 5) economic systems;
- 6) plant and animal genetics;
- 7) molecular modelling - particularly related to pesticides, pollution and fertilizers;
- 8) pest and disease control;
- 9) special purpose hardware and software;
- 10) environmental control and irrigation systems;
- 11) to incorporate such capability and expertise as available in developing nations;
- 12) the transfer of the relevant technology to developing nations.

Where relevant the Working Group will liaise with other groups within the area.

It will maintain liaison with other national and international organizations.

It will further its Aim and Scope by organizing workshops and working conferences in the field and by stimulating and sponsoring research, investigations and studies.

(*\

General Assembly unanimously APPROVED the TC 5 proposals re its Working Groups.

The budget requests of TC 5 were approved in the overall IFIP Budget.

As mentioned in the ADB report, a pilot scheme of developing and using an address database for mailing out information on planned events was being implemented by TC 5.

The President thanked Mr. Rolstadas for his report which was APPROVED by the General Assembly.

10.4 TC 6 (Data Communication)

Mr. Uhlig referred to his Annual Report and advised that TC 6 would meet on 6 September 1986 in Eindhoven, The Netherlands.

Mr.Uhlig highlighted TC 6's internal evaluation of strategic directions and objectives as outlined in his Annual Report.

Mr. Uhlig requested approval of the establishment of a new Working Group 6.6 on "Network Management for Communication Networks" - fully recommended by ADB.

(* E.A. Warman was subsequently appointed Chairman of WG 5.9)

General Assembly unanimously APPROVED the establishment of WG 6.6 with the following Scope and Aims:

Scope

Current communication networks consist of an array of office systems, computers and networks to interconnect the systems. Network management systems must interact with these different components. Agreement is needed on what information is required for network management and tools for network control. Some initial topics will include: status indicators, diagnostic information, performance data, statistics for accounting, directory services, and information for network reconfiguration. The scope of this Working Group will encompass network management for both public and private networks.

Aims

The Aim of WG 6.6 will be to identify what information should be collected, what forms of controls are required and to obtain agreement on the formats of information to be exchanged. It is expected that this will lead to protocols and standards for network management. Work will be done in the context of layered protocols such as OSI. The results of the work will be made available to individuals and organizations concerned, such as users, manufacturers, common carriers, PTT's and public standards forums.

Mr. Uhlig mentioned that TC6, under the aegis of WG 6.5, had a sub-group on 'Messaging for Developing Countries'. Consideration was being given to expanding same to a full Working Group.

Mr. Uhlig commented on the various events conducted by TC 6 and said TC 6 and TC 8 had agreed to work together in the area of 'Office Systems' and would co-operate in the organization of a Conference in Bulgaria in 1988.

Mr. Uhlig advised that the next TC 6 meeting would take place 22-23 May 1987 in Sintra, Portugal following "IBERICOM '87" - a general Conference on "Data Communications", 12-21 May 1987, Lisbon.

Mr. Uhlig was pleased to report that TC 6 was collaborating with ARCC to organize a second African Conference on "Computer Communication". It would probably take place in September 1987 (after the next GA Meeting) in Harare, Zimbabwe.

TC 6 was also exploring with the Indonesian Computer Society (SEARCC member) the possibility of holding a

Conference on "Data Communications" in Jakarta in 1988.

The TC 6 budget requests were approved in the overall IFIP Budget.

The President thanked Mr. Uhlig for his report and expressed his appreciation of TC 6's efforts to organize meetings and events around the world. General Assembly APPROVED the report.

10.5 TC 7 (System Modelling and Optimization)

Mr. Sendov, Cognizant Officer, stated that no news had been received from Mr. Lucertini, TC 7 Chairman, but referred to the latter's Annual Report. He remarked that TC 7 was working in a very big area - the most mathematically-oriented in the IFIP family and had very good specialists within its framework.

On behalf of TC 7, Mr. Sendov proposed the establishment of two Working Groups, as follows:

- WG 7.4 (Discrete Optimization)

Aims

- to promote theoretical contributions on the fundamental issues of discrete mathematics, such as graph theory, finite algebras, polyhedral combinatorics, discrete probability, etc. ;
 - to promote methodological contribution on specific fields of discrete optimization like topological network design, network optimization problems, scheduling and routing, game theory, combinatorial problems on graphs, etc.;
 - to encourage the exchange of information and the cooperation between algorithm designers and computer scientists on the issues of problem solving and artificial intelligence;
 - to promote the definition of standards for combinatorial optimization algorithms software production;
 - to promote the definition of standards for combinatorial optimization software performance evaluation.
- WG 7.5 (Reliability and Optimization of Structural Systems).

Aims

- to promote modern structural system optimization and reliability theory;

- to advance international cooperation in the field of structural system optimization and reliability theory;
- to stimulate research, development and application of structural system optimization and reliability theory;
- to further the dissemination and exchange of information on reliability and optimization of structural system optimization and reliability theory;
- to encourage education in structural system optimization and reliability theory.

TC 7 proposed Mr.Thoft-Christensen as the WG 7.5 Chairman. General Assembly unanimously APPROVED the establishment of Working Groups 7.4 and 7.5 with the proposed Aims, and NOTED the WG 7.5 Chairman appointment.

The TC 7 budget requests were approved in the overall IFIP Budget.

10.6 TC 8 Information Systems)

Mr. Bracchi referred to his Annual Report and confirmed that TC 8 had met twice during the reporting period. He advised that he had been re-appointed as Chairman for the period 1987-1989. Mr. Hanani had been nominated as Secretary for the same term. He added that a TC 8 10th Anniversary Anthology entitled "Trends in Information Systems" (containing a selection of 21 Conference papers) was being published by North-Holland.

Mr. Bracchi advised that WG 8.4 (Office Information Systems), which had been officially constituted in October 1985 under the Chairmanship of Mr. Verriijn-Stuart, now presented its Scope and Aims for approval:

Scope

The Scope of the WG encompasses the study and development of information systems for office work. Such systems are concerned with the support of, and communication in connection with, human activities in an organization. They are characterized by, among other things, variety, informality and irregularity, but often interact strongly with the more orderly, formal and predictable computer-based information systems used in that organization.

Aims

- a) to develop concepts and formalisms applicable to the office system;

- b) to further design methodology in the field of office systems, covering the entire range from preliminary study to implementation and system evolution, and to consider approaches to planning strategy;
- c) to contribute to the building of automated tools and the adoption of standards of value in the office environment;
- d) to study methods for evaluating design products and working systems, including the interaction with traditional data processing systems;
- e) to exchange experience and disseminate research findings.
- f)

Mr. Bracchi gave a briefing on past and future events, as outlined in his Annual Report, and highlighted the TC 8 events on "Governmental and Municipal Information Systems" planned for 8-11 September 1987 in Budapest and the joint WG 8.1/WG 2.6 event on "Artificial Intelligence, Database and Information Systems", April 1988, China.

Mr. Bracchi announced that ADB had approved the following TC 8 activities during its Dublin meeting:

- TC 8/CSSA International Symposium on "Information Systems" 22-24 April 1987, Johannesburg;
- TC 8/ACS International Symposium on "Information Systems as a Resource to Support Managerial Decision-Making", 29 February - 2 March 1988, Sydney;
- WG8.1/WG2.6 WC on "Artificial Intelligence, Database and Information Systems", 4-8 April 1988 China. (Grant of SFR. 5,000.).
- WG 8.2 WC on "The Information Systems Arena in the Nineties", May/June 1988, Ithaca, N.Y. (Loan of SFR. 4,000.).
- WG 8.2 WC on "Management Aspects of Information Systems Development", August/September 1988, The Netherlands. (Loan of SFR. 4,000.).
- WG 8.1 WC on "Computerized Assistance during the Systems Life Cycle", 19-22 September 1988, London. (Loan of SFR. 4,000.) .

Mr. Bracchi commented on the various Working Groups activities and advised that a new Task Group, under the aegis of WG 8.1, had been established - "Human Factors during Information Systems Design". He advised that Mr. Muller had been appointed as WG 8.4 Secretary.

The President congratulated Mr. Bracchi on his very detailed Annual Report and moved that it be approved, including the proposed WG 8.4 Scope and Aims.

General Assembly unanimously ADOPTED the motion.

10.7 TC 9 (Relationship between Computers and Society)

Mr. Sackman referred to his Annual Report (a very extensive document) which contained the Minutes of the September 1985 TC 9 meeting. He advised that TC 9 had just met in Dublin and he had been re-elected for a further three-year term while Mr. Mill in had been appointed as Vice-Chairman. Mr. Fuchs -Kittowski had been elected WG 9.1 Chairman, to succeed Mr. Briefs, Mr. Sizer had been confirmed as Chairman of WG 9.2 and Mr. Berleur appointed as WG 9.2 Vice-Chairman. Mr. Sackman mentioned that he would like to have representatives to TC 9 from China and U.S.S.R

Action

Mr. Sackman advised that the Proceedings of "HCC 3"/September 1985 had been dedicated to the memory of the late Mr. Margulies whose disappearance would be an eternal loss to TC 9. The Proceedings would be available during September 1986.

Mr. Sackman referred to the TC 9 Review which had made a sound impact and resulted in a very fruitful and productive exchange of ideas. An internal TC 9 Long Range Planning Committee had been set up to review the TC 9 objectives and bring them more in line with the overall IFIP policy. Mr. Sackman said TC 9 felt it should increase its achievements by the creation of new Working Groups. TC 9 had several Task Groups and their initiatives might result in new WG's. The Task Groups were concerned with:

- "Social Implications of AI and Robotics"; "Home Information Systems";
- "Women and Computerization";
- "Computers and the Law" (a vast potential in the area);
- "Computers and Developing Nations".

Mr. Sackman mentioned that WG 9.1 had held its first event in a Socialist country - a Conference on "System Design for Human Development and Productivity: Participation and Beyond", 12-15 May 1986, East Berlin. It had been extremely fruitful with 150 participants and a newscast and a major newspaper article.

TC 9 had voted unanimously in favour of continuing with WG 9.2. The 'born again' WG was planning to put together a Reader and Mr. Sackman trusted it would be widely used.

Mr. Sackman presented amended Appendices to his Annual Report: no. 2 covering TC 9 and WG activities 1986/90 (including planned events in Israel and India) and no. 3 covering the proposed TC 9 budget for 1987 and loan requests.

General Assembly APPROVED, with one abstention, the report of Mr. Sackman. The budget and loan requests were approved in the overall IFIP Budget.

10.8 TC 10 (Digital Systems Design)

Mr. Aspinall referred to his Annual Report and to the TC 10 Delegates Attendance List which had been distributed during the GA. He reported the sad loss of two important members of the TC 10 family - Mr. T. Motooka of Japan and Mr. D. Slotnik of U.S.A.

Mr. Aspinall advised that TC10 had steered away from major activities during the 'Congress 86 Year'. WG10.1 had held a successful Workshop in Bonn, December 1985. WG10.2 likewise had held a successful Workshop in Turin, May 1986 and plans were well underway for the Conference on 'Computer Hardware Description Languages - CHDL'87" which would take place in Amsterdam. Proceedings of WG10.3's Conference on "Highly Parallel Operating Computers for Numerical/Signal Processing Applications", Nice, March 1986, would shortly be published. Mr. Aspinall underlined that the Proceedings of WG10.3 events were very well received. WG10.5 was preparing for "VLSI'87" which would take place in Vancouver.

Mr. Aspinall explained that the technology in the TC 10 area was something that developing countries did not know what to do about. TC 10 had, therefore, decided to get together a Workshop on "VLSI" in a DC which would be run by WG 10.2 in collaboration with WG 10 5.

Mr. Aspinall announced that he would be completing his second term of office at the end of October 1986 and TC 10 recommended that Mr. Reijns succeed him with effect from 1 November 1986.

General Assembly unanimously APPROVED the nomination of Mr. Reijns and gave a VOTE OF THANKS to Mr. Aspinall for his tremendous efforts as TC 10 Chairman.

It was noted that Mr. Dagless would succeed Mr. Reijns as WG 10.3 Chairman and Mr. Laprie would succeed Mr. Avizi-enis as WG 10.4 Chairman. As mentioned at the Lisbon Council Meeting, Mr. Shriver had succeeded Mr. Giloi as WG 10.1 Chairman.

General Assembly APPROVED Mr. Aspinall's report. The TC 10 budget requests were approved in the overall IFIP Budget.

10.9 TC 11 (Security and Protection in Information Processing Systems)

Mr. Hoving referred to his Annual Report and advised that TC 11 would be meeting on 30 November 1986 in Monte Carlo. He considered TC 11 had a promising future; it now had 25 members with the last addition being India.

Mr. Hoving gave a briefing on the WG's in operation: WG 11.1 (Security Management), WG 11.2 (Office Automation) and WG 11.4 (Crypto Management). He added that formal steps would be taken at the next TC 11 meeting in respect of the proposed WG 11.3 (Database Security). The selected Chairman would be in attendance and it was hoped he would come up with a list of activities for that Group. The proposed WG 11.5 was being redesigned.

Mr. Hoving hoped that the Fourth International Conference on "Computer Security", 2-4 December 1986, Monte Carlo would attract a large audience.

Mr. Hoving thanked his Cognizant Officer, Mr. Finch, for all his assistance and remarked that he would Chair one of the Working Groups.

General Assembly APPROVED the report of Mr. Hoving. The TC 11 budget requests were approved in the overall IFIP Budget.

11 . IMIA

Mr. Peterson referred to his Annual Report and advised that IMIA had nine Working Groups (Nos, 1,3,4,5,6,7,8,9 and 10). IMIA had 37 Member countries and two Regional Groups (European and Latin American). He gave a briefing on the six Working Conferences which had taken place during the reporting period - all had been successful and some had produced a surplus.

Mr. Peterson commented that there had been some question about the finances of IMIA. Despite that problem, he underlined that IMIA's scientific activities had always been of high quality .

IMIA also had very good relationship with International organisations such as WHO, IBI, WMA and IHF.

Mr. Peterson introduced the IMIA Treasurer, Mr. Flint of Canada.

Mr. Flint presented the IMIA financial statements which were appended to the Annual Report. He recalled that the Amsterdam Secretariat, run under contract, had been cancelled at the beginning of 1985. Some months prior to that, he had established a bank account in Canada and had managed to transfer to same much of the revenue and surplus of MEDINFO 83. He had not been successful in transferring the IMIA funds at its Amsterdam account (approx. SFT 32,000) which had been listed as an asset and would now have to be written off. Notwithstanding, IMIA had a surplus of approximately SFR 7,000 at the end of June 1986. IMIA had received approximately two-

thirds of its Membership Dues and considered it was "back on the right road". Mr. Dalton, IFIP Treasurer, congratulated Mr. Flint who had been instrumental in turning around the grim financial situation of IMIA.

Mr. Peterson was happy to announce that IMIA, in co-operation with North-Holland, had been able to offer and send ten packages of 22 IMIA WC Proceedings to academic institutions in DC's

Mr. . Peterson remarked that his term of office would expire following the MEDINFO 86 event in Washington, October 1986 and Mr. Kaihara of Japan would succeed him. He thanked the Cognizant Officer, Mr. Finch, for his extremely valuable support and the Members of the IFIP Council and GA for their help, patience and understanding. Mr. Finch expressed his thanks and IFIP's gratitude to Mr. Peterson for his term as IMIA President and having been instrumental in placing IMIA on its feet again.

General Assembly gave a VOTE OF THANKS to Mr. Peterson. 12.

REGIONAL MEMBER REPORTS

12.1 SEARCC

Mr. Iau referred to his report (GA DUBLIN 86/SEARCC) which dealt extensively with "SEARCC 86", 17-21 November 1986, Bangkok. He highlighted that approximately seven of the Invited Speakers were either directly or closely associated with IFIP. Furthermore, an attendance of around 600 was anticipated.

Mr. Iau advised that "SEARCC 88" was planned to take place in New Dehli (tentatively for mid-October 1988). SEARCC, which had now been in existence for ten years, would on that occasion have completed a whole cycle of activities in SEA.

Mr. Iau mentioned that Sri Lanka would probably be accepted as a member of SEARCC by end 1986 which would bring the total membership to nine.

12.2 CLEI

Mr. Monteverde, representative of SADIO, Argentina (a CLEI member) said he had no formal report as he expected someone from CLEI to be present. He was not the SADIO representative in CLEI. CLEI had had a successful Conference "PANEL 85" in Porto Alegre, Brazil which had attracted around 1,200 participants. There had been several Speakers from France, Germany, Spain and the U.K., and several tutorials prior to and following the event. Mr. Monteverde stated that the next CLEI Conference would take place 3-8 November 1986 in Montevideo.

13. COMMITTEE REPORTS

13.1 Admissions Committee

Mr. Guo referred to his Annual Report (containing documents AC-1 and AC-2) and to document AC-3 - all of which had been circulated to the Full IFIP GA Members in advance of the GA Meeting.

AC11: AC recommended that the Fiji Computer Society (FCS) be admitted to IFIP as a Full Member. Mr. Potter (New Zealand) said he had been asked to represent FCS and had extensive papers to answer any questions concerning that Society. Fiji was a DC and FCS had a professional membership of just over 100, but it wished to participate in the IFIP TC and WG activity.

General Assembly unanimously ACCEPTED the admission of the Fiji Computer Society as a Full Member.

Action

The incoming President, Mr. Goldsworthy, would advise FCS accordingly and the Treasurer, Mr. Dalton, would duly advise FCS re its Membership Dues (to take effect from 1987).

AC-2: AC recommended that the VLDB Endowment be admitted to IFIP as an Affiliate Member. Mr. Bracchi, * been TC 8 Chairman, said he had*asked to represent the VLDB Endowment on behalf of its President, Mr. Cardenas, and gave a briefing on its activities.

General Assembly unanimously ACCEPTED the admission of the VLDB Endowment as an Affiliate Member of IFIP.

Action

Mr. Goldsworthy would advise Mr. Cardenas accordingly.

AQ13: AC recommended that the Computer Graphics Society (CGS) be admitted to IFIP as an Affiliate Member. Mr. Amemiya spoke in favour of the recommendation.

Mr. Goldsworthy advised that the matter had been discussed in ADB in view of developments in the U.K. and Portugal (which sought IFIP recognition) and activity in that area carried out by WG 5.2. He suggested that the application of CGS be tabled pending further investigation on the entire issue under the aegis of Mr. Morris, General Assembly unanimously ADOPTED the suggestion.

Action

The Secretary, Mr. Fourot, agreed to inform CGS accordingly .

13.2 Congress Guidelines Committee

Mr. Finch referred to his report (GA Dublin 86/CGC-1)

and stated that completion and/or improvement of a few Chapters were underway based upon the experience of the current Congress. As soon as completed, arrangements would be made for the word-processing of the 17 chapter Manual and its ongoing maintenance.

General Assembly NOTED the report and the President asked Mr. Finch to co-ordinate with the incoming Congress OC Chairman. Action

13.3 Finance Committee

Mr. Melbye referred to his Annual Report and to IFIP's financial condition. FC recommended, as a main objective, that Net Worth be maintained at a level equal to 1.5 times the budgeted annual expenses.

Regarding Membership Dues, Mr. Melbye recalled his letter of 20 May 1986 to the representatives of Full Members outlining a proposed adjustment of the level of Dues along the lines of five categories. He had received a very positive response and some suggestions for considering modification which would be dealt with by FC. The Treasurer, Mr. Dalton, would duly confirm to the Full Members their Dues figure for the next three years - 1987/1988/ 1989. Action

Mr. Melbye advised that FC had authorized the Treasurer to accept a suggestion from the Swiss Bank Corporation, London to modify the existing guidelines for managing IFIP's investment portfolio - such that a specified subset of the funds was managed by the Bank in the form of a freehand bond portfolio.

He had discussed with the Treasurer the suggestion of establishing some kind of credit facilities to accommodate IFIP's short-term needs for cash. It was proposed that credit facilities be arranged for an amount up to SFR. 100,000. Action

In respect of Conference surpluses, FC recommended a modified form implying a 50-50 sharing of any surplus above a certain minimum to be decided in each case. FC further recommended that the Job Charter of the Conference Officer be extended to include 'responsibility to check contracts relating to IFIP events of some size'. Action

Mr. Melbye announced that FC had approved the Treasurer's proposal to cover an estimated contingent liability of IFIP by providing in each of the years 1986/7/8 an amount Action equal to 10% of the previous year's expenditure.

Mr. Melbye referred to the issue of Loans and Grants (refer Agenda item 9, page 29).

General Assembly unanimously APPROVED the Finance Committee report.

ICIL

Mr. Tanaka referred to his report (GA Dublin 86/ICIL-1) which summarized the function of ICIL. He recommended that ICIL be studied by IFIP with the objective of modifying or redirecting it to make it more effective.

5 ICID

6 IFIP Unesco Liaison Committee

Mr . Narasimhan referred to his Annual Report and to document (GA Dublin 86/ICID-1). He reported that Messrs. Brauer, Fourot, Sendov and himself had participated in an informal meeting with Unesco in May 1986 to discuss the background document to be prepared for the use of the Intergovernmental Committee when it met later in the year to formulate the Intergovernmental Information Programme (IIP). He also mentioned the grants which Unesco had given to support certain IFIP events.

Mr . Narasimhan spoke of the need to make ICID more active and drew attention to the suggestions outlined in his Annual Report and document.

Mr. Owolabi expressed the gratitude of Unesco to IFIP for its collaboration and expertise.

A long discussion took place on the future role of ICID during which Messrs. Le Roux, Jaiyesimi and Cioglia expressed their views and ideas on how ICID could be more effectively involved with the Developing Countries. Mr Aspinall recalled the proposals put forward by the TC Chairmen.

The President thanked Mr. Narasimhan for all his hard work and achievements.

7 Internal Awards Committee

Mr. Fourot referred to his report (GA Dublin 86/IAC-1) and drew attention to the 53 Silver Core Awards which would be presented by the President at the Closing Ceremony of Congress 86. He mentioned that IAC would be studying a modification of the Award itself (possible replacement by a lapel pin/brooch) for ultimate approval by the General Assembly.

Mr. Fourot recalled previous discussions concerning the establishment of an Award aimed at recognizing the efforts of TC and WG members who were not eligible for the Silver Core. A proposal had been submitted to the TC Chairmen on 28 March 1986 which had received no opposition to the principle, but variations on selection criteria. The proposal ventured that: the Award be given

yearly to 20 persons nominated by the TC Chairmen and approved by IAC and the President. The Award, for which a suitable name had to be defined, would consist of a diploma and a pin. IAC proposed the creation of the Award in 1987 and undertook to circulate a list of non-stringent guidelines to the TC Chairmen in respect of the selection mechanism. Action

General Assembly unanimously APPROVED the general framework for the TC Award.

13.8 Publications Committee

Mr. Schuchmann referred to his Annual Report and to the North-Holland Status Report prepared by Mrs. Smit. He drew attention to the high-quality material of the Working Conferences which had resulted in good marketable Proceedings and Royalties in the region of SFR. 158,000. Statistically speaking, Mr. Schuchmann said IFIP produced one book every fortnight.

It was noted that over 700 copies of Volume I of the Springer State-of-the-Art series on "Computer-Aided Manufacturing" had been sold during the first six months of its apparition. Volume II on "Computer-Aided Production Management" was in preparation.

Mr. Schuchmann presented a discussion draft of the updated IFIP Publications Policy document (prepared by Mrs. Duncan and Mrs. Karlmark). He requested feed-back on same so that a final document could be available for the next Council Meeting. Action

Mr. Schuchmann complimented Mr. Zemanek on his enormous efforts in producing the IFIP 25th Anniversary volume (copies of which were very kindly bestowed on the GA participants) .

Mr. Schuchmann advised that North-Holland had started an experiment with Proceedings which were too small for a regular book: a paperback Proceedings volume and an identical special issue of an IFIP-related Journal.

Mr. Schuchmann felt that the dissemination of IFIP books was not as successful as it could be and fostered the idea of establishing so-called 'IFIP local representatives' in certain areas which were not yet adequately covered (Latin America, South Asia, etc.).

In conclusion, Mr. Schuchmann indicated that the preparation of a complete IFIP bibliography and reference library had been started at North-Holland irrespective of the publisher.

The President thanked Mr. Schuchmann for the excellent

work he had accomplished and the General Assembly unanimously APPROVED his report.

13.9 Public Information Committee

Mr. Morris referred to his Annual Report and remarked that the 19th issue of the "Information Bulletin" had been slimmed down: old/out-of-print publications had been omitted as well as the calendar of events (which was contained in the Newsletter). However, countries of WG members had been included for the first time.

"This is IFIP" - a transient booklet of 28 pages had been prepared for distribution to Congress 86 delegates. It consisted of selected pages from IFIP publications and had been produced economically by the courtesy of North-Holland.

A new edition of "What is IFIP ?" would most likely be produced during 1987.

Mr. Morris recalled that a Ken Owen TC 11 article had been published in November 1985, TC 9 was now under pen and TC 7 remained the only TC to be written up. A decision would eventually have to be taken if the process should be re-started.

13.9.1 IFIP Newsletter

Mr. Rosenfeld mentioned that approximately 1,900 copies of every issue were being distributed by the IFIP Secretariat. He understood that parts of the Newsletters had been/were being translated into Chinese, Japanese, Hungarian, etc.

Mr. Le Roux considered that Messrs. Morris and Rosenfeld deserved a VOTE OF THANKS for bringing the publications of IFIP to their current level. General Assembly CONCURRED.

13.10 Statutes and Bylaws Committee

Mr. Melbye, Acting as SBC Chairman, referred to his Annual Report.

To implement the decision taken at the 1985 Tokyo GA Meeting (refer Agenda item, page 31 of the Tokyo Minutes), Mr. Melbye said SBC recommended the following amendments.

- Statutes Article 4.3.1, first paragraph, first sentence, should read: "The General Assembly shall elect from among its Full Members or Individual Members, a President, four Vice-Presidents, a Secretary and a Treasurer".

General Assembly unanimously APPROVED the recommendation . Action t

- Bylaws Section 3.4, first paragraph, second sentence, should read: "The four Vice-Presidents shall be elected such that their terms of Office shall be reasonably spread over three years".

Following discussion, Mr. Penedo proposed that 'four' be eliminated from the proposed recommendation.

General Assembly APPROVED, with one abstention, the recommendation as amended by Mr. Penedo. Action

General Assembly unanimously APPROVED the following amendments:

- Bylaws Section 4, first paragraph, to read: "General Assembly will establish Standing Committees, Technical Committees, Activity Development Board, Specialist Groups and, as necessary, Ad Hoc Committees".

- Bylaws Section 4.1, paragraph b). Substitution of "Activity Planning Committee" by "Specialist Group Committee" [following name change PIC, to read Marketing Committee].

- Bylaws Section 4.3 to be renumbered 4.5.

New 4.3 Activity Development Board (ADB)

4.3.1 Composition

To manage IFIP technical activities a body named Activity Development Board is established. Its ex-officio members include the Chairmen of Technical Committees, Special Interest Groups, Specialist Group Committee, Publications Committee, Marketing Committee, Conference Officer and one representative for each Affiliate Member. As additional members, the President may appoint up to six GA Members. The Chairman of the Board is appointed by the President.

4.3.2 Authority

The authority of the Board is specified in its charter as approved by the General Assembly. It includes the authority to approve activities proposed by TC's, WG's or other IFIP bodies, to review plans of activities from these bodies, to monitor all planned activities and to stimulate actions to develop new initiatives. The Board shall review proposals for IFIP participation in new areas of activity and recommend appropriate actions to be taken by relevant bodies, including establishment of new TC's and WG's and other entities.

- Extension of Bylaws Section 4:

4.4 Specialist Groups (SG)

4.4.1 Provisional Specialist Groups

To allow new areas of interests to be explored, the Activity Development Board may establish provisional Specialists Groups, composed initially as a small group of recognized specialists and with a provisional charter to assess the interest for more permanent activities in IFIP within the area. Within three years the Board shall either disband the group or recommend the General Assembly to transform it to a TC, WG, SIG or a permanent Specialist Group (SG).

4.4.2 Permanent Specialist Groups

A permanent Specialist Group consists like a WG of experts in a specific technical area selected and assigned without consideration of nationality. The Aims and Scope of a permanent Specialist Group shall be included in the IFIP Bulletin.

A permanent Specialist Group may secure funds for financing its activities from several sources like a SIG. It is managed by a Standing Committee named Specialist Group Committee.

A permanent Specialist Group exists until the General Assembly, after recommendation from Activity Development Board, either dissolves it or returns it to provisional status.

- to modify the term "Executive Body" by "Executive Board".

To adhere to the working principle of FIACC, SBC recommended that Statutes Article 1 should be extended by adding as the last paragraph: "IFIP do not take any account of the political, social or economic aspects of their Member organizations because IFIP is totally dedicated to the transfer of scientific and technical information and experience".

General Assembly APPROVED, with one abstention, the recommendation.

Mr. Melbye presented the following changes to the IFIP Standing Orders:

- a) Referring to the Minutes of the Council Meeting in March 1984, p. 44, SBC recommends Standing Orders item 2.2.4.4 to be amended by inserting after the third sentence (ending "before a conference editor has been appointed") the following sentence:

"The IFIP logo and reference to IFIP shall appear in all publications relative to IFIP-sponsored events."

- b) Referring to the Minutes of the GA Meeting in September 1985, p. 56, SBC recommends Standing Orders Appendix 3 to be amended as follows:

Section 2 (Appointment and Composition of RC) second paragraph item 1 to read:

"1. Cognizant Officer as Chairman"

Section 3 (Operation) step 5 and 6 to be replaced by the timetable contained in the Minutes of GA Varna 85, p. 57.

General Assembly unanimously APPROVED the recommended Action changes.

Mr. Melbye stated that, in working with the Standing Orders, he felt consideration should be given to further changes and called upon the future SBC to look into that matter .

The President thanked Mr. Melbye and Mr. Lehmann, SBC Chairman, for all their work.

13.11 Site Selection Committee

Mr. Finch referred to his report (GA Dublin 86/SSC-1) and drew attention to the proposed Charter for SSC (document SSC-2).

Following an amendment of the last paragraph on page 1 of SSC-2 to read "Each proposing IFIP Member will provide a written indication that no obstacles will be put to the granting of visas to IFIP personnel and all bona fide information processing professionals who wish to participate." , General Assembly APPROVED the Charter, with three abstentions .

Mr. Finch presented document (SSC-3) - being a letter to GA Members concerning proposals to host the 12th World Computer Congress in 1992. He underlined that proposals were requested for no later than 1 February 1987. Three copies should be sent to himself and one copy each to Mr. Brauer and to Mr. Dalton (members of the newly-formed SSC). Mr. Finch mentioned that, to-date, interest in holding Congress 92 had been expressed by Bulgaria, The Netherlands, Spain and SEARCC.

The President thanked Mr. Finch for his report.

13.12 Long Range Planning Committee

Mr. Tanaka referred to his report (GA Dublin 86/LRPC-1) and recalled that LRPC was trying to find out where IFIP might be going or should be going. The report included the results of the informal poll conducted at the 1985

Tokyo GA Meeting which had been presented and discussed at the 1986 Lisbon Council Meeting.

Following discussion on the various listed topics, Mr. Tanaka said LRPC would continue its work and come up with a Job Charter prior to the next Council Meeting.

Action

13.13 IFIP History Commission

Mr. Zemanek referred to his Annual Report and to document (C/GA Dublin 86/HC-1) outlining the Commission's Scope and Working Plan.

Action

Mr. Zemanek appealed to everyone to kindly make available to him any items (photographs, documents, etc.) which would enable him to build up an IFIP Archive which would be housed at the IFIP Secretariat in Geneva.

Mr. Zemanek gave a run-down of his efforts and activities to-date.

General Assembly unanimously APPROVED the report of Mr. Zemanek, including the Scope and Working Plan. Mr. Zemanek's budget request was approved in the overall IFIP Budget.

14. AFFILIATE MEMBER REPORTS

14.1 IAPR

Mr. Freeman referred to his Annual Report and mentioned that IAPR had a membership of 21 National Societies.

He advised that around 1,000 participants were expected at the 8th International Conference on "Pattern Recognition", 28-31 October 1986, Paris. The 9th International Conference was scheduled to take place in Beijing, 17-20 October 1988.

Mr. Freeman pointed out that the Journal "Pattern Recognition Letters", published by North-Holland, was the official publication of IAPR.

Mr. Freeman said there had been no recent issues of the IAPR Newsletter due to Editorship problems; however, everything was now solved and an issue would be forthcoming shortly. (The IAPR Newsletter is distributed by the IFIP Secretariat to GA Members, TC Chairmen, etc.).

The President thanked Mr. Freeman for his report.

14.2 IASC

Mr. Fourot drew attention to Mr. Brosveet's Annual Report outlining IASC's activities and relations with IFIP.

14.3 ICCC

Mr. Enslow referred to his Annual Report and drew attention to the upcoming biennial Conference "ICCC'86" which would take place in Munich, 15-19 September 1986. During the 'off-year' (1987) for "ICCC", a special regional meeting would be held in Dallas, 15-17 September 1987, which would focus on the examination of the many factors that would affect the evolution to the Integrated Services Digital Network in North America. Mr. Enslow said he was the General Chairman for that event. "ICCC'88" was planned for October 1988 in Tel-Aviv.

Mr. Enslow gave a briefing on other activities which included a possible joint venture with TC 6 in Europe in 1988.

The President thanked Mr. Enslow for his report.

14.4 EUROMICRO

There was nothing to report.

14.5 FACE

Mr. Rodgers said it was the first time FACE had been represented at an IFIP GA Meeting. He recalled that FACE had been founded in May 1981 and had become an Affiliate Member of IFIP in September 1984.

Mr. Rodgers referred to the Annual Report of the FACE President, Mr. Harvey, outlining its various activities and events.

Mr. Rodgers said that FACE co-operated with IFIP TC 5.

FACE was very anxious to find International User Groups in various fields and Mr. Rodgers called upon the GA participants to kindly contact him if they were aware of suitable possibilities.

The President expressed his pleasure at having the presence of a FACE representative and thanked Mr. Rodgers for his report.

14.6 IJCAII

Mr. Fourot referred to Mr. Walker's report which had been distributed to GA participants. "IJCAI-87" was planned for 23-28 August 1987 in Milan and "IJCAI-89" for 20-26 August 1989 in Detroit.

15. MEMBER SOCIETY REPORTS

Mr. Fourot recalled the decision taken at the 1985 Tokyo GA Meeting - that Member Societies produce a short report to improve communication. The suggested format, established by Mr. Le Roux, had been distributed to all GA Members. He was happy to announce that 24 reports had been received and distributed 'en bloc' to the GA participants during the Meeting.

As quite a number of the reports called for action by IFIP Bodies, it was proposed by Mr. Potter that someone should go through the reports and extract specific recommendations so as to avoid any oversight. Mr. Monteverde suggested, for the future, that the reports be divided into two parts: a) description of the Society's activities, etc., b) list of clear proposals or initiatives that needed some kind of action. General Assembly CONCURRED. - .

The President thanked those Member Societies which had submitted reports.

16. FUTURE COUNCIL AND GA MEETINGS

Mr. Fourot recalled that the next Council Meeting would take place in Singapore within the time framework of 9-16 March 1987. GA would be held in Budapest, 1-6 September 1987.

Mr. Fourot announced that an invitation had been received from New Zealand to hold the March 1988 Council Meeting in Auckland and it was under discussion.

India and SEARCC had invited IFIP to hold its 1988 GA Meeting in New Delhi during the first week of September alongside a SEARCC event.

General Assembly unanimously APPROVED the venue of New Delhi for its 1988 Meeting.

17. OTHER GENERAL ASSEMBLY BUSINESS

17.1 NCS - South Africa

Mr. Rolstadas announced that the Norwegian Computer Society was greatly concerned about South African Membership in IFIP. The Nordic Foreign Ministers had issued a statement from which he quoted:

"The Nordic countries regard the apartheid system in South Africa as a violation of fundamental human rights as laid down in the Universal Nations Charter and in the Universal Declaration on Human Rights. Apartheid is

unique in the world, as systematic racial discrimination has been made part of the legal foundation of the South African Society. The apartheid policy of the South African Government, as well as South Africa's continued illegal occupation of Namibia, are serious sources of tension in Southern Africa."

Mr. Rolstadas said NCS endorsed that statement and felt that South Africa, through its participation in IFIP, was able to promote apartheid in South Africa as it was recognized that the South African regime was increasingly relying on the use of computers to impose the apartheid system on the black people. On this background, Mr. Rolstadas formerly moved that the Computer Society of South Africa be excluded from Membership in IFIP.

There was no second to the motion.

17.2 WCCE 85 Final Report

Attention was drawn to the final report of the WCCE 85 OC Chairman, Mr. Engel - document (GA Dublin 86-WCCE 85) dated 1 August 1986. The total Conference attendance had been 2,635 of which 1,772 were paid. Non-paid attendees included exhibitors, press, etc.

17.3 External IFIP Award

Messrs. Sendov and Verriijn-Stuart presented "The case for an (External) IFIP Award" - document (GA Dublin 86) dated Dublin, 31 August 1986.

They proposed that GA charge the Executive Board with appointing one or two individuals to work out a detailed and well-supported formula which might be discussed by Council first and brought before the next GA in a form such that it might be introduced from that moment onwards.

General Assembly ADOPTED the proposition, with one abstention. Action

17.-4 IFIP 25th Anniversary

Mr. Zemanek was most happy to present the volume "A Quarter Century of IFIP" which included the IFIP Silver Summary. A copy was presented to every GA participant.

General Assembly APPLAUDED Mr. Zemanek for the tremendous work he had carried out to produce the greatly-appreciated volume.

17.5 Proposals of New Zealand GA Member

Mr. Potter referred to his proposals dated 23 July 1986

which had been circulated to Full GA Members by Mr. Fourrot on 4 August 1986, namely:

- a) That a committee be set up to study the introduction of a Travel Cost Equalisation scheme to apply to certain IFIP events. The committee will consider both the justification and the operation of such a scheme and will report back with its recommendations before 1 February 1987.
- b) That each Technical Committee be required to produce a Position Paper for each of its Working Groups, stating the specific goals (e.g. Standards) and issues under current study. The first such Position Papers are to be published by 1 July 1987.

Mr. Potter said he had the assurance of the FC Chairman that point a) would be treated as a priority task.

Mr. Glaser said he would take up point b) with the TC and WG Chairmen.

17.6 Committees

Mr. Goldsworthy, incoming President, proposed that the Public Information Committee be changed to Marketing Committee.

General Assembly ADOPTED the proposition, with two abstentions .

Subsequently, the suggested Aims and Objectives of the proposed Marketing Committee were distributed to the GA participants. These were NOTED by the General Assembly .

General Assembly NOTED that ICID would henceforth be renamed to Developing Countries Support Committee -DCSC.

Mr. Goldsworthy thanked the outgoing Committee Chairmen for their dedication and hard work during the past years. IFIP had to realize the value of their contributions .

Mr. Goldsworthy announced the names of the Chairmen for the various Committees - these are to be found in the Highlights preceding the C/GA Minutes.

Mr. Goldsworthy said he wished to see the Executive Board act like a 'Board' and to make the Office Bearers responsible. He did not think that Committee Chairmen should report in toto to the President, but to designated Vice-Presidents.

Mr. Goldsworthy requested the newly-appointed Committee Chairmen to review their respective Committee Charter and send him any desired revision of same as soon as possible.

Action

18. CLOSING OF THE MEETING

The President again expressed IFIP's appreciation to the Irish Computer Society for so finely hosting the GA and related Meetings. He thanked all participants for their contributions and said the Meeting would be adjourned to the end of Congress 86 when he would have the pleasure of presenting the Silver Core certificates. The actual Awards would be sent directly to the recipients.

Mr. Goldsworthy presented a gift to the President on behalf of IFIP and enumerated all the tasks undertaken by the President during his long years with IFIP. Mr. Goldsworthy also expressed IFIP's thanks to the President's two assistants, Messrs. Amemiya and Uozumi, who had given untiringly of their efforts.

General Assembly APPLAUDED the President and his assistants.

General Assembly re-convened at the end of Congress 86 for the distribution of the Silver Core certificates and, at which occasion, the President handed over the presidential gavel to the incoming President, Mr. Goldsworthy, with his warmfelt wishes.