

COUNCIL and GENERAL ASSEMBLY MEETINGS  
Buenos Aires, Argentina, 5-7 September 1990

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## HIGHLIGHTS

### ELECTIONS

A. Rolstadas	(Norway)	was re-elected Vice-President for a two-year term
A. Balasubrahmanian	(India)	was elected Vice-President for a three-year term
J.C. Fourot	(France)	was re-elected Secretary for a three-year term
A. Melbye	(Denmark)	was elected Treasurer for a three-year term
R. Iau	(SEARCC)	was re-elected Trustee for a three-year term
H.L. Funk	(U.S.A.)	was elected Trustee for a three-year term

### IFIP COUNCIL COMPOSITION

Bl. Sendov	(Bulgaria)	President	(1989/1992)
J.H. Finch	(Canada)	Vice-President	(1988/1991)
G.J. Morris	(U.K.)	Vice-President	(1989/1992)
A. Rolstadas	(Norway)	Vice-President	(1990/1992)
A. Balasubrahmanian	(India)	Vice-President	(1990/1993)
J.C. Fourot	(France)	Secretary	(1990/1993)
A. Melbye	(Denmark)	Treasurer	(1990/1993)
A. Alvarez-Rodriguez	(Spain)	Trustee	(1988/1991)
M. Ozeki	(Japan)	Trustee	(1988/1991)
D. Dolan	(Ireland)	Trustee	(1989/1991)
M. Tienari	(Finland)	Trustee	(1989/1992)
L. Penedo	(Portugal)	Trustee	(1989/1992)
K. Bauknecht	(Switzerland)	Trustee	(1990/1992)
R. Iau	(SEARCC)	Trustee	(1990/1993)
H.L. Funk	(U.S.A.)	Trustee	(1990/1993)

### RESPONSIBILITIES

Bl. Sendov	Nominations Committees for Officers and Trustees, Congress Chairmen
J.H. Finch	Marketing
G.J. Morris	External Affairs
A. Rolstadas	Technology
A. Balasubrahmanian	Internal Affairs
J.C. Fourot	IFIP Secretariat, SBC, UNESCO
A. Melbye	Finances, IFIP Secretariat

HIGHLIGHTS

**RESPONSIBILITIES** (cont'd)

M. Ozeki	Cognizant Officer for TC 9 and 10
D. Dolan	Cognizant Officer for TC 5 and 13
M. Tienari	Cognizant Officer for TC 2 and 12
L. Penedo	Cognizant Officer for TC 8
K. Bauknecht	Cognizant Officer for TC 3 and 7
R. Iau	Cognizant Officer for TC 11
H.L. Funk	Cognizant Officer for TC 6

**IFIP COMMITTEE CHAIRMEN**

Technical Assembly

A. Rolstadas

Standing Committees

Activity Management Board	A. Melbye
Admissions Committee	M. Ozeki
Congress Guidelines Committee	A. Alvarez-Rodriguez
Developing Countries Support Committee	A. Balasubrahmanian
Finance Committee	K. Bauknecht
IFIP Committee for International Liaison (ICIL)	R.I. Tanaka
Internal Awards Committee	J.C. Fourot
Marketing Committee	J.H. Finch
Publications Committee	A.A. Verriijn-Stuart
Site Evaluation Committee	A. Alvarez-Rodriguez
Statutes and Bylaws Committee	P.A. Bobillier
IFIP Activity Secretary	P. Falster
IFIP Contracts Officer	P. Nedkov
IFIP-UNESCO Liaison Officer	J.C. Fourot
IFIP Newsletter Editor	J.L. Rosenfeld

Ad Hoc Committees

Nominations Committee for Officers	A. Melbye
Nominations Committee for Trustees	J.C. Fourot

HIGHLIGHTS

**TECHNICAL COMMITTEES/WORKING GROUPS**

TC 2	(Name change)	Software: Theory and Practice
WG 2.1	(Name change)	Algorithmic Languages and Calculi
WG 9.6	(New)	Computer Security Law
WG 10.1	(Dissolved)	System Concepts and Characteristics
WG 11.7	(Disbanded, joined forces with WG 9.6)	

**FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS**

Council and Related Meetings	- First Quarter 1991 - Barcelona
General Assembly and Related Meetings	- Third Quarter 1991 - Harare
Council and Related Meetings	- First Quarter 1992 - Trondheim
General Assembly and Related Meetings	- Third Quarter 1992 - Madrid

**FUTURE IFIP WORLD CONGRESSES**

<b>12th</b>	Madrid, Spain	- 1992 (7-11 September)
<b>13th</b>	Hamburg, F.R.G.	- 1994

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**COUNCIL MEETING**  
**BUENOS AIRES**  
5 September 1990

ATTENDANCE

**COUNCIL MEMBERS PRESENT**

Bl. Sendov	President
A.W. Goldsworthy	Past-President
G.J. Morris	Vice-President
A. Melbye	Vice-President
J.H. Finch	Vice-President
A. Rolstadas	Vice-President
J.C. Fourot	Secretary
P. Kovacs	Treasurer
A. Balasubrahmanian	Trustee
A. Alvarez-Rodriguez	Trustee
M. Ozeki	Trustee
M. Tienari	Trustee
D. Dolan	Trustee

**COUNCIL MEMBERS ABSENT**

<b>H.W.</b> Le Roux	Trustee
L. Penedo	Trustee
R. Iau	Trustee

**OBSERVERS PRESENT**

J.L. Rosenfeld	Newsletter Editor
P. Nedkov	Contracts Officer

**IN ATTENDANCE**

Gwyneth Roberts	IFIP Secretariat - Geneva
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**SECRETARIAT**

Ruth Lawson	IFIP Secretariat - Geneva
Pablo Mobilio	SADIO

N.B. Kindly note 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 advised that Trustees Le Roux, Penedo and Iau had sent their excuses for being unable to attend.

The **President** expressed his appreciation to SADIO for hosting the Council, General Assembly and related Meetings.

2. APPROVAL OF AGENDA

Council unanimously **ADOPTED** the Agenda.

3. APPROVAL OF PREVIOUS COUNCIL MINUTES (C1 Jerusalem 1990)

**Mr. Fourot** pointed out an amendment to Agenda item 7.8 - TC 10 - page 22; namely, to add the following sentence to the third paragraph: "**Mr. Alvarez** reported then that Mr. Delgado-Kloos' answer to Mr. Fourot had not been produced as he was still awaiting an answer to the letter he himself had sent to the Nigerian TC 10 representative."

Council unanimously **APPROVED** the Jerusalem Minutes.

4. EXECUTIVE BOARD REPORT

The President requested Mr. Fourot to present a summary.

**Mr. Fourot** said he would not dwell on discussions relevant to GA items, but considered the Council should be aware of the following:

- GDR Membership: The current Member (Academy of Sciences of the GDR) had advised in a letter to the President, dated 22 June 1990, that it would terminate its Membership on 1 January 1991 and the Society for Computer Science of the GDR would take over the responsibilities and become the IFIP Member on that date. This was due to the fact that the Academy of Sciences would no longer be able to represent scientific bodies abroad. Executive Board saw no objection to the change. However, there was a problem in that GDR and FRG were supposed to merge prior to that date. Obviously, if there were only one Germany, there could only be one IFIP Member. The matter would be left in abeyance until **the next** Council Meeting.

- Regional Members: General problems regarding Regional Members were discussed and, in particular, SEARCC which about one year ago had expressed some disappointment in the interfacing with IFIP. A new item would be added to the GA Agenda (Activities in SEA).



- CEPIS: The situation of the new body, Council of European Professional Informatics Societies, was discussed. Although most of its Members were Members of IFIP, it was considered necessary to make GA aware of possible overlapping activities. A new item would accordingly be added to the GA Agenda (Regional Activities in Europe).
- Yugoslavia: Its Membership status had again been discussed and would be further elaborated upon in the Secretary report to GA.
- FIACC: The President had reported on his participation at the 21st FIACC Meeting in Tallin, USSR. The subject would not be brought up at GA as there was nothing very fundamental to announce. Notwithstanding, the fact that IFIP had switched to a Congress two-year cycle had slightly upset the Sister Federations. They had some scheduling problems and our new arrangement could affect certain attendances. They were particularly worried about IFIP Congress 96 and IFIP should be careful in the timing of that event. ACTION
- TC 12: TC 12 had the intention of creating a new body called 'Advisory Council' and calling the members to its regular business meetings. This was not in accordance with IFIP practice and could not be allowed; Executive Board was strongly opposed to same. Nevertheless, if TC 12 wished to invite individual Observers, there would be no objection.
- Code of Ethics: This subject had been considered most important and would be included in the Technical Assembly report to GA.

**Mr. Balasubrahmanian** raised the topic of the History Commission and referred to Mr. Zemanek's earlier comments regarding the lack of co-operation and progress. He queried the current status.

The **President** advised that Mr. Zemanek had submitted to him a second, final letter of resignation. As a consequence, he would talk to some people to see if they would care to Chair the Commission. In reply to a query of **Mr. Rosenfeld**, regarding the planned Conference on "History of Computing in Europe", Budapest, October 1990, the **President** informed that same had been cancelled; however, maybe a new Commission would arrange something in connection with the Charles Babbage Bicentennial Celebration in 1991.

## 5. OTHER COUNCIL BUSINESS

- Trustees: As a member of the Statutes and Bylaws Committee, Mr. Morris drew attention to Statute 4.2.1, namely "A Trustee who has not attended two consecutive Council Meetings is deemed to have resigned and a successor shall be elected". This applied to Trustees Le Roux and Iau. However, as the term of Mr. Le Roux expired at the end of the current GA Meeting he was not affected. Mr. Iau's term, however, was due to run to 1992.

Following discussion during which **it** was obvious that the Council disliked the idea of applying the regulation, **Mr. Goldsworthy** underlined that there could be no bending of the rules and preferred to see IFIP

take a clear stand **on** the issue. There would now be a Trustee vacancy (for a two-year period) and, as NCT Chairman, he proposed that Mr. Iau be nominated as Trustee (duly supported by four Full Members according to the requirement); this would convey to Mr. Iau IFIP's strong indication to retain him and SEARCC. Mr. Iau would be duly informed.

ACTION

- Hong Kong: **Mr. Balasubrahmanian** referred to the earlier request of Hong Kong to be admitted as a Full Member, which application had been rejected as its status did not comply with the IFIP regulations. (Refer New Delhi 1988 Minutes, Agenda item 12.1, page 44). He, nevertheless, requested that the matter be looked into again as he felt there was some ambiguity. The **President** said there had been no new application letter from Hong Kong, but asked the Admissions Committee to restudy the question. Hong Kong and Taiwan were Members of ICSU which had involved special considerations.

#### 6. FUTURE COUNCIL MEETINGS

**Mr. Fourot** recalled that the March 1991 Council Meeting would be held in Barcelona from 4 to 8 March.

IFIP had received a proposal from the Chief Executive of the Norwegian Computer Society to hold the March 1992 Council Meeting in Trondheim. **Mr. Rolstadas** added that his Society would be very happy to host IFIP. The President moved that the proposal be accepted.

Council unanimously **ADOPTED** the motion.

The President asked Mr. Rolstadas to kindly convey to his Society IFIP's appreciation of the invitation and acceptance of same, and to work **out** the exact timing with Mr. Fourot.

ACTION

#### 7. CLOSING OF THE MEETING

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

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**GENERAL ASSEMBLY MEETING**

Buenos Aires, Argentina, 5 - 7 September 1990

ATTENDANCE

**OFFICERS PRESENT**

Bl. Sendov	President	Bulgaria
A.W. Goldsworthy	Past-President	Australia
A. Melbye	Vice-President	Denmark
G.J. Morris	Vice-President	U.K.
J.H. Finch	Vice-President	Canada
A. Rolstadas	Vice-President	Norway
J.C. Fourot	Secretary	France
P. Kovacs	Treasurer	Hungary

**MEMBERS PRESENT**

H. Monteverde	Argentina
W. Grafendorfer	Austria
F. de Souza Neto	Brazil
Li Ye	China
M. Tienari	Finland
W. Brauer	F.R.G.
A. Balasubrahmanian	India
D. Dolan	Ireland
M. Gottlieb	Israel
M. Ozeki	Japan
D.H. Wolbers	The Netherlands
A. Alvarez-Rodriguez	Spain
D. Khakhar	Sweden
K. Bauknecht	Switzerland
H.L. Funk	U.S.A.
A.A. Dorodnicyn	U.S.S.R.
G. Fairall	Zimbabwe
M. Borges *	CLEI

R.P. Uhlig	Affiliate Member	ICCC
V.J. Yacubsohn **	Affiliate Member	IMIA

\* with Proxy of - J.A. Pino

\*\* representing - J.L. Willems

**MEMBERS REPRESENTED BY PROXY**

J.E.D. Navez	Belgium	D.H. Wolbers
V. Kempe	G.D.R.	<b>W.</b> Brauer
M. Aboud	Iraq	(to Tunisia - not represented)
G. Sacerdoti	Italy	A. Melbye
J.W. Cho	Korea	Bl. Sendov
Z. Bubnicki	Poland	Bl. Sendov
L. Penedo	Portugal	A. Alvarez-Rodriguez
H.W. Le Roux	South Africa	J.C. Fourot
R. Iau	SEARCC	A. Balasubrahmanian
S.B. Jaiyesimi	WARCS	A. Alvarez-Rodriguez (for L. Penedo)

**MEMBERS ABSENT**

R.F. Perellada	Cuba	
L. Unkovsky	CSSR	
A.E. Sarhan	Egypt	
N. Dimitriadis	Greece	
H. Aboud	Iraq	
B.C. Lee	Korea	
I. Mitchell	New Zealand	
S.B. Jaiyesimi	Nigeria	
T.L. Wee	Singapore	
M.B. Mounajed	Syria	
F. Kamoun	Tunisia	
P. Devijver	Affiliate Member	IAPR
J. Brosveet	Affiliate Member	IASC
J. Tiberghien	Affiliate Member	EUROMICRO
A. Bridges	Affiliate Member	FACE
D.E. Walker	Affiliate Member	IJCAII
G. Bracchi	Affiliate Member	VLDB
I.L. Auerbach	Honorary Member	
H. Zemanek	Honorary Member	
R.I. Tanaka	Honorary Member	
P.A. Bobillier	Honorary Member	
A.A. Verrijn-Stuart	Individual Member	

**TECHNICAL COMMITTEE CHAIRMEN PRESENT**

P.C. Poole	TC 2
W. Brauer (GA Member)	TC 3
M. Tomljanovich	TC 5
R.P. Uhlig	TC 6
P. Thoft-Christensen	TC 7
K. Brunnstein	TC 9
G.L. Reijns	TC 10
W.J. Caelli	TC 11

**TECHNICAL COMMITTEE + SG CHAIRMEN ABSENT**

G.B. Davis	TC 8
R. Meersman	TC 12
B. Shackel	TC 13
J. Gruska	SG 1

**COMMITTEE CHAIRMEN PRESENT**

S.S. Yau	Congress 89 OC
Rosa Alonso	Congress 92 OC

**OBSERVERS PRESENT**

A. Oliveros	SADIO - President
D. Ramos	SADIO
H. Morruzzi	SADIO
P. Falster	Activity Secretary
P. Nedkov	Contracts Officer
J.L. Rosenfeld	IFIP Newsletter Editor
Stephanie Smit	Elsevier/North-Holland Pub. Co.
F. Fernandez-Campon	Congress 92 OC
M. Tanaka	Assistant to M. Ozeki
J.C. Anselmi	Unesco
J. Araoz	Venezuela
J. Piano	Argentina

**IN ATTENDANCE**

Gwyneth Roberts	IFIP Secretariat - Geneva
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**SECRETARIAT**

Ruth Lawson	IFIP Secretariat - Geneva
Pablo Mobilio	SADIO
Florencia Cecchini	SADIO

1. CALL MEETING TO ORDER

The **President** opened the General Assembly Meeting and welcomed all participants. He thanked the Host Society, SADIO, Mr. Oliveros (President), Mr. Monteverde (GA representative) and Mrs. Suter (Manager) for their kind invitation and hospitality. IFIP had not selected Buenos Aires only to allow people to make their first trip to the beautiful city, but to recognize the importance of SADIO in Argentina and to show that IFIP was truly international. He requested Mr. Oliveros to kindly take the floor.

Mr. Oliveros welcomed everyone to Buenos Aires and to Latin America. SADIO was not a large Society (just over 1,000 members among practitioners, university lecturers, students and some company owners) yet had a long history of over 30 years of activity in Argentina. SADIO considered it a great honour to be a Member Society of IFIP and felt IFIP wished to help developing countries. SADIO wanted to take an active part in the IFIP community. Mr. Oliveros underlined that information technology could contribute to the development of Latin America and, for that reason, it needed more IFIP activities. He wished all participants a most enjoyable stay in Buenos Aires.

The President then declared the Working Session open.

He introduced the new GA representatives: Messrs. Grafendorfer/Austria, de Souza Neto/Brazil, Wolbers/The Netherlands and Funk/USA.

Mr. Fourot announced that proxies had been received

<u>from:</u>		<u>in favour of:</u>
Mr. Navez	- Belgium	Mr. Wolbers
Mr. Kempe	- GDR	Mr. Brauer
Mr. Aboud	- Iraq	(to Tunisia)
Mr. Sacerdoti	- Italy	Mr. Melbye
Mr. Cho	- Korea	Mr. Sendov
Mr. Bubnicki	- Poland	Mr. Sendov
Mr. Penedo	- Portugal	Mr. Alvarez-R.
Mr. Le Roux	- South Africa	Mr. Fourot
Mr. Pino	- CLEI	Mr. Borges
Mr. Iau	- SEARCC	Mr. Balasubrahmanian
Mr. Jaiyesimi	- WARCS	Mr. Alvarez-R. (for Penedo)

Excuses had been received from Messrs. Unkovsky/CSSR, Wee/Singapore, Mounajed/Syria, Kamoun/Tunisia, Zemanek, Tanaka, Bobillier/Honorary Members, Verrijn-Stuart/Individual Member, Devijver/IAPR, Brosveet/IASC, Bracchi/ VLDB, Willems/IMIA (who would be represented by Mr. Yacubsohn), Davis/TC8 Chairman, Meersman/TC 12 Chairman and Shackel/TC 13 Chairman.

**Mr. Fourot** regretted that no news had been forthcoming from Cuba, Egypt, Greece, New Zealand, Nigeria, Affiliate/EUROMICRO, Affiliate/FACE, Affiliate/IJCAII.



2. APPROVAL OF AGENDA

**Mr. Fourot** advised that the Executive Board had decided to add two points to the Agenda, namely: 10.1 Activities in SEA and 10.2 Regional Activities in Europe.

General Assembly unanimously **APPROVED** the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (GA San Francisco 89)

General Assembly unanimously **APPROVED** the San Francisco Minutes after noting the following amendments:

- page 38, TC Review Status should read "Mr." Sendov advised that TA had agreed to Mr. Sacerdoti's proposition to add Mr. Poole as a Member of the TC 2 RC because of the change in the TC 2 Chair ..."
- page A3, in last para replace "SEACOM 90" by "TELEMATICA 90".
- page 44, in second para EMU should read MOU.
- page 48, first para of DCSC should read "Mr. Penedo said DCSC would try to help any country; however, its priority for future activities would concern, in the following order, the Latin American, African, Mediterranean, Pacific and South East Asian regions."
- page 56, in second para of ICCC Geneva should read Genoa; in third para "CCDC 92" should read "ICCC 92".

4. PRESIDENT'S REPORT

The President drew attention to his Annual Report 1989/90 and underlined the dramatic changes which had taken place in the world during the past twelve months; these had and would continue to stimulate active co-operation in all fields of human activity. In that context, Federations like IFIP had a very important role to play.

He considered that the creation of the Technical Assembly, under the aegis of Past-President Goldsworthy, was a major IFIP achievement and had proved to be a very good vehicle for the strengthening of the GA work and giving more weight to the TC Chairmen. The activities of IFIP were mostly in the TCs and WG's which should receive the fullest support from IFIP for their undertakings. The **President** placed on record his thanks to TA Chairman Rolstadas for his preparation of the 'WG Chairman's Handbook' which he felt was a most precious tool for all parties concerned.

The **President** said he did not wish to address all the subjects presented in his Annual Report; however, a most important item was the new publishing contract established between IFIP and Elsevier/North-Holland. He profoundly thanked Mr. Morris who had been instrumental in writing up a contract acceptable by both parties.

He was very happy that the last Congress of IFIP, 1989 in San Francisco, had been not only a scientific achievement, but had produced good financial results.

5. SECRETARY'S REPORT

Mr. **Fourot** referred to his report (SECR-1) and recalled the situation in respect of Yugoslavia (in arrears with its Dues since 1986) and IFIP's offer of May 1989 to transform its Full Membership status to Corresponding Membership. As no news had been forthcoming, under date of 30 April 1990, he had advised ETAN and the GA Member of IFIP's decision to terminate the Membership in accordance with IFIP Bylaw 2.8.

Since then, Vice-President Hristovic of ETAN had written to the IFIP President on 24 August 1990 acknowledging that the Society was in arrears, but expressing that it would be happy to continue as a Corresponding Member. Mr. **Fourot** thought it was obvious that IFIP should agree to having Yugoslavia as a CM and an appropriate Membership Dues figure would be duly fixed. The matter would be put to the vote under Agenda item 12.1 Admissions Committee.

Mr. **Brauer** queried the implications for TCs which had Yugoslavian members and would they now have only Observer status. TC 3 and TC 9 had very active Yugoslavian participation. Mr. **Fourot** replied that it would be beneficial to allow those people, and others, to participate in TC meetings and he would write to the TC Chairmen accordingly. ACTION

Mr. **Fourot** advised that ICSU had issued a new Handbook "Universality of Science" which included an update of the previously distributed document 'Advice to Organizers of International Scientific Meetings' (dealing with visa issues). The Handbook had been distributed by the IFIP Secretariat to all TC, WG and Congress Chairmen in May 1990.

He reported that IFIP had been a member of Data for Development, an International Organization, for a number of years. IFIP had received a reminder to pay past Dues. However, as no activity had been noted for the last three years nor acknowledgment of GA invitations, there appeared to be no justification for IFIP to remain as a member. Mr. **Fourot** confirmed he had thus written to DFD on 30 April 1990 and, to-date, there had been no reaction.

Referring to the 'Continuing Action List', which had been mailed out on 20 June 1990, he requested concerned parties to address the various issues when presenting their reports so that they could be eliminated from the List.

6. MAJOR EVENTS

6.1 IFIP CONGRESS 89 - OC FINAL REPORT

Mr. **Yau** presented his report and advised that 1257 delegates (including invited speakers, panelists and responders) attended the Congress.

Additionally, 58 students and 69 one-day attendees. There had finally been 77 booths at the Exhibition representing 29 companies.

He hoped to finish the final report by the end of the month and turn the financial figures over to AFIPS which would have a Board Meeting mid-October. Subsequently, the IFIP Treasurer would be informed of the actual results.. \$ 168,000 (70%/IFIP, 30%/AFIPS) had been distributed and there was a remaining surplus of approximately \$ 70,000.-.

The tutorials organized before the Congress had turned out to be very successful (only one, with two registrants, had to be cancelled) and had generated a lot of surplus.

The technical visits had also turned out to be successful with the participation of major companies.

Mr. Yau pointed out that it had been difficult to obtain contributions and OC had worked very hard to keep expenses at a minimum (refer Attachment 3 of the report).

He thanked the General Assembly for its support during the last several years. AFIPS and its constituent societies. Mr. Yau underlined the assistance OC had received in terms of support and publicity. He had made a special trip to Japan and, with the co-operation of Mr. Ozeki, there had been a large Japanese participation. He expressed his gratitude to the 93 volunteers in the U.S.A. who had given invaluable help.

Mr. Goldsworthy wished to place on record (as the Congress occurred during his term of office) IFIP's sincere thanks to OC Chairman Yau, PC Chairman Gallaire and their respective Committees for making the Congress so successful in every way. The President fully supported those comments and also wished to place on record IFIP's thanks to Mr. Glaser who had been the U.S.A. representative and had also worked very hard for the achievement of the Congress.

**Mr. Funk** said AFIPS had been most concerned about the expense of the Congress. Mr. Yau had worked very well to exercise tight controls and he had obtained many free services from companies. He had also been responsible for the selling of many booths.

On behalf of the AFIPS Board of Directors, in recognition of its appreciation, **Mr. Funk** presented Mr. Yau with a symbolic trophy.

General Assembly **APPLAUDED** Mr. Yau.

## 6.2 WCCE 90

**Mr. Brauer** presented his preliminary report on WCCE 90, Sydney, Australia, 9-13 July. Twenty years after the initial WCCE, it had been the largest to-date and had attracted 2,334 participants. The World Conference, which had brought together people from different parts of education and the world, had been combined with a national

event - the Australian Computer Education Conference. He felt the idea of having a national event transformed into an IFIP event with strong input from IFIP was something to be followed for the future. This would help IFIP to get into much more contact with the local people and be further visible.

WCCE 90 had had four main sponsors which had adapted intelligently to the atmosphere of a Working Conference. Their sponsoring allowed the organizers to have a low fees cost. Delegates from certain developing countries had had travel expenses subsidized by the Conference budget. There would definitely be a surplus and the results should be available for the next Council Meeting.

Mr. Brauer commented on the pre- and post-Conferences held respectively in New Zealand and Japan which had been an added attraction for people who had travelled to Australia.

He expressed his sincere thanks to the WCCE 90 organizers, Mrs. Wills, Mr. Hughes, the Australian Computer Society and other educational societies.

As the GA representative for Australia, Mr. **Goldsworthy** endorsed the comments of Mr. Brauer. It was the largest WCCE ever and had been held in the Southern Hemisphere. The previous one in the U.S.A. had had 1,500 participants. He placed on records IFIP's thanks to the volunteers.

Mr. Balasubrahmanian had been impressed by the organization of the technical programme.

The President wished to thank very much TC 3 and Mr. Brauer; he considered the activities of TC 3 were very important. He also thanked Mr. Goldsworthy for representing him at WCCE 90.

## 6.3 IFIP CONGRESS 92

### 6.3.1 Organizing Committee

**Mrs.** Alonso referred to her report (C92 OC/1) and advised that a new version of the contract between FESI and IFIP had been signed. The Congress date had now been indicated as 7-11 September 1992 and the minimum payment to IFIP had been expressed in Swiss Francs.

She drew attention to the changed Congress site - the School of Medicine at the Complutense University which was very near to the centre of the city. (Council had been informed of that fact at its March 1990 Meeting in Jerusalem.) **Mrs. Alonso** stated that the PC Chairman, Mr. Brauer, was quite satisfied with the new venue. The University management had shown them plans for the improvement of the rooms and services and, at that time, no problems were foreseen.

The Opening Ceremony would be held at the Convention Palace in the exhibition grounds of the Casa de Campo. Buses would be available to transport delegates from there to the School of Medicine.

Due mainly to the C92 stand at C89 in San Francisco and information in magazines and with the Member Societies, more than 300 enquiry forms had thus far been received.

OC would be in contact with important people related to informatics; personal interviews would be requested so as to discuss the possible participation of the members of their companies and eventual sponsorship.

OC was working on the Opening and Closing Ceremonies and would invite a member of the Spanish Royal family to open the Congress.

Contacts had been established with the Education Minister and the Industry Ministry in the hope of obtaining organizational and financial support. The former would write to UNESCO to seek a contract for the Congress.

Mrs. Alonso mentioned that a service contract, covering the management of the Congress, hotel bookings and tourism functions, had been signed with GEYSECO which would charge 5% of the registration fees for its services. (In San Francisco, the charge had been nearer to 10%). GEYSECO had prepared a special policy, which had been scrutinized by the legal advisers, and it would be subject to paying a penalty in the case of any cancellation of activities.

Following presentation of the Congress budget in Jerusalem and the suggested revisions, which had subsequently been discussed with FESI, **Mrs. Alonso** said she had prepared a new budget which had been sent to **Mr. Melbye** for his comments. Having taken same into consideration, a further revision had taken place. It was based on an attendance of 1,100 attendees (break-even 7/800) and an average registration fee of 55,000 Ptas (12% VAT included). \* In order to run the Congress with that fee, which would be impossible without support, she had explained the situation to the management of her company (Alcatel) which had promised her a sponsorship of 5 million Ptas (if the total sponsorship would be less than 12 million Ptas). Each of the different associates of FESI had agreed to make immediately available as a loan, without interest, half a million Ptas which they would recuperate at the end of the Congress. That funding would be utilized to cover first expenses and to exempt the payment of loan interest to the banks and thus allow total costs to be reduced.

**Mrs. Alonso** drew attention to the Budget Summaries attached to her report and pointed out that the expenses did not include VAT. IFIP was guaranteed to receive the equivalent of Sfr. 30,000.-.

**Mr. Funk** considered the OC and PC expenses should be re-looked at as they accounted for 20% of the revenue. He was skeptical about the promised sponsorship funds and encouraged Mrs. Alonso to spend more money on insurance. **Mr. Melbye** said his comments to the new budget received from Mrs. Alonso in July 1990 were outlined in the Finance Com-

\* (approximately SFr.750 at current rate)

mittee report FC-2. Basically, the budget now presented was fairly close to his recommendations. The main differences were: 5 million Ptas increase in sponsorship, registration fee slightly lower, expenses 8 million Ptas larger and total surplus reduced by 1 million Ptas. FC had met with Mrs. Alonso the day before to discuss same.

**Mr. Goldsworthy** had some major concerns in respect of the current status compared to the original bid (September 1987 GA Budapest): the date had been changed, the venue had been changed, the attendance had been halved and the registration fee increased by 15%. To practically alter all the major items that had led GA to select Spain was unfair to the other Societies which had failed to get the bid. In the future, the ability of a bidding Nation to adhere to its bidding documents should be very clearly demonstrated. ACTION

The President fully endorsed the comments of Mr. Goldsworthy and concurred with those of Mr. Funk. He felt the selected Society should play a major role in the organization of a Congress and not leave it all in the hands of a service organization. Although he had signed the FESI/IFIP contract, he was not happy with the current situation.

**Mr. Alvarez** considered the aforementioned comments too strong. He agreed in respect of the date and venue changes, but regarding the finances a problem arose because of IFIP's policy to calculate against the Swiss Franc and not the U.S. Dollar.

**Mrs. Alonso** said she had explained in different Council and GA Meetings why the date and lieu had had to be changed. Inflation had affected the budget. As to the PC costs, the budgeted 7 million Ptas was the equivalent of the amount paid to the Congress 89 PC. During Mr. Brauer's visit to Madrid, that cost had been reviewed and decided to be maintained.

**Mr. Brauer** was astonished at the comments regarding insurance as Congress was not IFIP's largest event. Insurance had never been discussed for the CAPE and WCCE events. Regarding the PC expenses, he underlined that whether you budgeted for a 1,000 or 1,500, etc. attendance, you needed the same amount of PC meetings. Admittedly the Committee was larger, but that was due to the different structure as IFIP now wished the TCs to be more involved. He assured that he would very carefully use the money allocated to PC.

In respect of the Proceedings, **Mr. Goldsworthy** advised that for Congress 80, they had been printed outside. He suggested that Congress 92 get camera-ready copy from the Editor, using North-Holland as the publisher, and have same printed elsewhere.

**Mr. Brauer** stated he **was** more interested in participation than budgets, but feared that with such a high registration fee the success of the smaller sub-Conferences might be in danger. In order to increase the number of participants, he wondered if thought could be given to splitting the fee for a sub-Conference. In that case, the Proceedings could not **be printed** in one volume. **Mr. Reijns** hoped that the Proceedings could be in several volumes related to the different streams.

**Mrs. Smit** said North-Holland had proposed printing in 4 volumes. It would be the same edition that would go on the market. If not sold to a delegate, it could be sold back to North-Holland for the market. The trade edition would be available immediately after the Congress.

**Mr. Tienari** considered the key questions were the Congress fee and the number of participants. He felt a way should be found to avoid too high a fee. He hoped the marketing would be done well which would give rise to good prospects for the Congress.

**Mr. Bauknecht** was glad at the questions raised as similar items had been discussed in FC. He felt the insurance matter could be looked into with Lloyd's. He said Mrs. Alonso had had to do things with which she had not been involved in the beginning. He thought IFIP had to consider the Congress as a whole. For the next Congress he strongly recommended SEC to look at the total image. He concluded that there were points to be solved, but felt optimistic. ACTION

The **President** thought IFIP might have a beautiful and successful Congress in Madrid. It would be in juxtaposition with the 500th Anniversary of the discoverer of America. IFIP had to ensure that the Programme Committee had everything it needed. If handicapped in preparing a good programme, then the Congress would be a big failure. Consideration should be given to splitting the registration fee; we should have some options to attract more participants. He asked OC and FC to prepare any necessary amendment to the contract. ACTION

The **President** thanked Mrs. Alonso for the work OC was putting into Congress 92.

He requested SEC to very strongly emphasize the conditions for choosing the next Congress.

### 6.3.2 Programme Committee

**Mr. Brauer** announced that he had prepared for the Council Meeting in Jerusalem a proposal on the structure of the Congress according to the many suggestions made at GA in San Francisco. He had subsequently mailed the proposal, with slight amendments, to every GA Member and TC Chairman.

The programme now included an extra stream. TC 10 had decided not to hold a planned Conference in the first quarter of 1992, but to join in with the Congress. The stream was entitled "From Architecture to Chips: Latest Achievements and New Prospects".

The other streams were:

- "Software Maintenance and Construction"
- "Algorithms and Data Structures"
- "Informatics and Education"
- "Diminishing the Vulnerability of the Information Society"

Two sub-Conferences were included in the programme:

- "A Computer for Everybody"
- "Intelligent Information Systems"

**Mr. Dorodnicyn** queried why Biology, Ecology, etc. had not been included in the structure. **Mr. Brauer** replied that a Workshop on "Informatics and Ecology" was being planned by TC 9 and TC 5. Several other Workshops were being set up including "Informatics in the 21st Century" - a Seminar for TC and WG Chairmen.

**Mr. Rosenfeld** asked if submitted papers should be sent to the individual streams or to a central place. **Mr. Brauer** said the issue had not yet been fully decided upon.

**The President** thought the programme was now organized around the TCs as they had not been sufficiently involved in the past; he hoped it would be a good experience. He queried why there was no representative from the U.S.S.R. in the Programme Committee.

**Mr. Brauer** answered that he had not received one single name from East-European countries, but would be glad to have somebody.

ACTION

## 7. ELECTIONS

### 7.1 Nominations Committee - Officers

**Mr. Morris** referred to the NCO letter of 18 July 1990, distributed to Full GA Members, nominating Mr. Fourot as Secretary and Mr. Melbye as Treasurer (in view of the fact that Mr. Kovacs did not wish to re-stand).

There were two Vice-President vacancies (occasioned by the expiration, at the end of GA, of the term of office of Mr. Rolstadas and the unfinished term of Mr. Melbye) for which Messrs. Rolstadas and Balasubrahmanian had been nominated.

35 votes were available: Fourot/33, Melbye/33, Balasubrahmanian/35, Rolstadas/33.

General Assembly - **RE-ELECTED** Mr. Fourot/France as Secretary.  
- **ELECTED** Mr. Melbye/Denmark as Treasurer.  
- **ELECTED** **Mr. Balasubrahmanian/India** as Vice-President for a three-year term.  
- **RE-ELECTED** Mr. Rolstadas/Norway as Vice-President for a two-year term.

The **President** thanked Mr. Kovacs for the very good work he had accomplished as Treasurer.



## 7.2 Nominations Committee - Trustees

**Mr. Goldsworthy** referred to the NCT letter of 27 July 1990, distributed to Full GA Members, nominating Messrs, Balasubrahmanian and Funk for the Trustee vacancies (occasioned by the expiration, at the end of GA, of the term of office of Mr. Balasubrahmanian and the final term of office of Mr. Le Roux). He added that NCT would nominate Mr. Bauknecht in the event Mr. Balasubrahmanian would be elected as Vice-President. Mr. Gottlieb's name was put forward in accordance with the nominations criterion.

The **President** drew attention to Statute 4.2.1 - "A Trustee who has not attended two consecutive Council Meetings is deemed to have resigned and a successor shall be elected." This had been the case with Messrs. Iau and Le Roux. However, as mentioned heretofore, Mr. Le Roux' final mandate expired at the end of GA. However, Mr. Iau had been re-elected, in San Francisco, for the period 1989/1992. He stated that as Mr. Iau was the SEARCC representative and because of the large importance of that part of the world, Council had manifested its desire to find a solution and had unanimously agreed to Mr. Goldsworthy's proposal to nominate Mr. Iau for a Trustee position.

35 votes were available: Bauknecht/25, Funk/30, Iau/27, Gottlieb/13

General Assembly - RE-ELECTED Mr. Iau/SEARCC for a three-year term.  
- **ELECTED** Mr. Funk/U.S.A. for a three-year term.  
- **ELECTED** Mr. Bauknecht/Switzerland for a two-year term.

**The President** placed on record his thanks to Mr. Le Roux for the activity he had undertaken during his Trusteeship.

**The President** congratulated all the elected candidates who were warmly **APPLAUDED** by the General Assembly.

## 8. FINANCES

(Kindly note mentioned figures have been rounded off.)

### 8.1 1989 Audited Accounts

**Mr. Kovacs** referred to the Treasurer Annual Report 1989/90 and drew attention to TREAS-1 (Statement of Receipts and Expenditures for 1989 and the Balance Sheet as of 30 December 1989) which showed net assets at the end of 1989 of SFr. 779,000. Compared to a budgeted deficit of SFr. 41,000 for 1989, the actual final result was a surplus of SFr. 98,000. He presented TREAS-2 (Auditor's Report) and TREAS-3 which gave very detailed figures in respect of the 1989 operation, 1990 Budget, 1990 first six months actual and **the** proposed 1991 Budget.

He recalled a previous decision - that all 'Open' TC/WG events should aim at guaranteeing a SFr. 5,000 surplus. Proceeds from activities had realized SFr. 148,000 and the most important surpluses had been generated by TC 6 (SFr. 53,000), TC 8 (SFr. 43,000) and TC 3 (SFr. 35,000). SFr. 159,000 had been received in Royalties (re 1988) compared to SFr. 158,000 (re 1987) received in 1988 - so that income item was remaining at the same level. **Mr. Kovacs** commented on the operating expenses of SFr. 457,000 compared to a budgeted figure of SFr. 565,000.

He underlined the amount in the TC N Funds Provision of SFr. 53,000.

General Assembly unanimously **APPROVED** TREAS-1 and TREAS-2, **NOTING** that the IFIP finances had strengthened.

#### 8.2 1990 Statement to 30.6.90

Mr. Kovacs referred to the figures outlined in TREAS-3. **Mr. Melbye** estimated a positive result for 1990, although he was a little uncertain how large it would be, probably slightly less than the 1989 figure.

#### 8.3 Dues Situation

Attention was drawn to TREAS-4 (IFIP Membership Dues Status as at 30 June 1990). According to the new format, established the previous year, it could be seen that SFr. 15,400 was still outstanding for 1989. Only one country was now more than 3 years in arrears - Cuba. If no payments were received from Cuba before year-end, it would have to be discount'd. The **President** said he would attempt to contact the Cubans in order to have some payment forwarded to **IFIP**. **Mr. Melbye** announced that, at the present time, an amount of approximately SFr. 53,000 was still outstanding for 1990 and he urged those Member Societies which had not yet paid their Dues to kindly settle same soonest. ACTION

#### 8.4 Investments

The 1989 interest from investments had only amounted to SFr. 56,000 against a budgeted figure of SFr. 60,000 and a projected figure of SFr. 87,000. **Mr. Melbye** announced the disappointing result for **the** first six months of 1990 - a negative amount of SFr. 40,000. This result was mainly due to a heavy exchange loss on **the** Securities (somewhat similar to what had been experienced in 1987). It had only become apparent in the last two weeks when the final calculations had been received from the Auditor. There had not yet been an opportunity to discuss **the** matter with IFIP's investment banker in London.

**Mr. Melbye** said he had met with the IFIP Portfolio Manager in January when the mandate for IFIP's Portfolio had been clarified. One of the objectives had been to maximise the yield made in Swiss Francs. It had been arranged to deposit excess cash in a non-discretionary Swiss Franc current account which earned a reasonable interest. At the end of June, there were just over SFr. 400,000 on that account.

**Mr. Goldsworthy** indicated that he had previously argued on the way the investments were being handled, but GA had not heeded his advice. He restated that IFIP should not expose itself to currency exchange fluctuations. If IFIP continued with its present policy, it would in the end suffer unnecessary losses. **Mr. Funk** underlined that IFIP should conserve its capital by investing in certificates of deposit with fixed rates of return. An overall policy should be established -to be adhered to by every new Treasurer. In his Vice-President capacity, **Mr. Melbye** concurred, and thought it was very important to have specific guidelines. He personally felt that the issue called for further contact with the London bank and the Auditor before final decisions could be made.

#### 8.5 Current Budget

Detailed figures were outlined in TREAS-3.

#### 8.6 1991 Budget

**Mr. Melbye** presented **the** 1991 Budget figures, as outlined in TREAS-3, which had been reviewed at the Executive Body meeting. He highlighted the increasing problem for TC Chairmen to get funding to attend TA and GA. As those expenses were a consequence of their function, it had been considered reasonable to increase the TC Travel Fund for that purpose. Therefore, SFr. 16,000 had been budgeted against the 1990 budget of SFr. 4,000. He considered that the 6% budgeted increase for the total expenses was viable and should be maintained. Discussions ensued during which **Mr. Goldsworthy** felt the Income item (Interest from Investments) of SFr. 60,000 should be reduced to zero. **Mr. Melbye** pointed out that the proceeds from activities of SFr. 110,000 had only been allocated to TCs in a provisional way and would be adjusted later.

General Assembly **APPROVED** the 1991 IFIP Budget.

#### 8.7 Other

Attention was drawn to TREAS-5 (Activity Grants Status per 30 June 1990) and TREAS-6 (Activity Loans Status per 30 June 1990).

**Mr. Melbye** advised that the accounting in Geneva was now computerized.

## 9. TECHNICAL ASSEMBLY

Mr. Rolstadas advised that TA had met the previous day. With the exception of TC 8, the TCs had been represented by their Chairmen or Cognizant Officers/GA Committee member. SG 1 had been represented by Mr. Brauer. Unfortunately, no Affiliate Members had been in attendance nor represented.

He mentioned that in mid-July revised Guidelines for reporting to TA, Council and GA had been mailed to all TC and SG Chairmen. It had been a little difficult for some of the TCs to fully adhere to same; nevertheless, the discussions had been very good and encouraging.

Mr. **Rolstadas** again underlined that TA addressed only strategic matters whilst those concerning activities were handled by AMB.

He referred to his extensive report which he would highlight.

### TECHNICAL COMMITTEE 2

TA recommended the proposal of TC 2 to change its name to "Software: Theory and Practice" whilst maintaining its current Aims and Scope.

General Assembly **APPROVED** the TC 2 name change, with one objection.

TA, which had the authority, had approved a name change for WG 2.1 "Algorithmic Languages and Calculi" with no amendment to the Aims and Scope.

TC 2 had raised a question about quorum since some of its representatives were rather inactive. Attention had been drawn to Bylaw 4.3.5 "Voting: Decisions require a simple majority vote of members present".

### TECHNICAL COMMITTEE 5

TC 5 was concerned about the Proceedings resulting from its activities in Developing Countries. A great amount of effort was expended to produce same; however, the price was high and they did not sell very well.

A closer co-operation had been developed with IFAC with whom a Joint Task Group had been created to discuss "Control Architectures for Integrated Manufacturing Activities or Enterprises" under the Chairmanship of T.J. Williams (who was active in both Federations).

### TECHNICAL COMMITTEE 7

TC 7 still maintained the position that the Working Groups received too little support from IFIP bodies.

### TECHNICAL COMMITTEE 9

TC 9 had proposed two new Working Groups: "Informatics and Ecology" and "Computer Security Law". **Mr. Rolstadas** recalled that those issues had been raised at the Jerusalem TA and Council Meetings. Two Task Forces had

been launched to look into same and proposed Aims and Scopes had been presented to TA.

"Information and Ecology" was seen as a very important, merging topic. TA had felt that the Scope should be a little bit more precise and co-operation with other bodies further clarified. For that reason, it had been decided to keep on the Task Force for six months, to continue the work and bring up the subject again at the TA meeting in Barcelona for a decision.

ACTION

"Computer Security Law" had, in effect, been proposed as a Joint Group between TC 9 and TC 11 as the latter was doing work in that area (WG 11.7 "Security Legislation"). TA thought it was very good that TCs could co-operate on such matters which had inspired a discussion on whether IFIP had the appropriate mechanism for handling joint Working Groups. This would be further looked into, but for the time being, from a management point of view, TA felt a WG should belong to one TC although, professionally, it could be across TCs. TA decided to establish WG 9.6 "Computer Security Law". The proposed Aims and Scope, however, required some adjustments, but would be used for the time being, as follows:

Draft Aims:

- (i) To develop an understanding, in IFIP committees and national information communication technology (ICT) societies, of
  - a) threats to ICT system security; and
  - b) risks to people and organisations arising from these threats;
- (ii) To propose and/or evaluate general legal prescriptions to counter-act these threats and to deal with these risks;
- (iii) To initiate information exchange on threats, their origin and likely implications (such as viruses, acts of sabotage, worms etc.) and their likely impacts;
- (iv) To propose and/or evaluate appropriate courses of action.

Draft Scope:

- (i) Analysis of existing and emerging threats to ICT systems security, and concomitant risks to people and organisations;
- (ii) Analysis of existing legal prescriptions and their ability to limit threats;
- (iii) Analysis of educational standards to influence the extent to which such threats can be countered;
- (iv) Analysis of ethical standards and other social factors applicable to professional behaviour and responsibilities in the context of ICT systems;

- (v) Analysis of integrity, reliability (safety), continuity, recovery, accountability and access of and for ICT systems.
- (vi) New legal prescriptions.

The Chairman of WG 9.6 and WG 11.7 would be asked to come up with a revised proposal of the Aims and Scope at the next TA meeting. The merging of WG 11.7 into WG 9.6 would be effected by disbanding same.

It was subsequently noted that Mr. Sizer would Chair WG 9.6 whilst the cancelled WG 11.7 Chairman, Mr. Kratz, would become its Vice-chairman.

#### **TECHNICAL COMMITTEE 10**

There was high activity and TC 10 had preliminary plans for the establishment of two new Working Groups on "Neural Networks" and "Optimal Computing". TC 10 wished to work further on that issue before presenting an actual proposal.

TC 10 regretted especially the lack of representatives from some major countries. The respective GA Members had been asked to deal with same. ACTION

#### **TECHNICAL COMMITTEE 11**

The Chairman, Mr. Caelli, would look into the problem of the non-functioning-WG's 11.1, 11.2 and 11.4. WG 11.7 had been discussed in relation to WG 9.6. TC 11 had plans for a new WG on "Computer Security Education".

#### **TECHNICAL COMMITTEE 12**

TC 12 was still in a preliminary phase. It wished to create a special group of members, based on their scientific merit, to join TC 12 as an 'Advisory Council'. This, however, did not comply with the rules of IFIP and the Executive Board had opposed the suggestion. However, TC Chairmen were free to invite as Observers to their meetings those persons whose presence was desired.

The Aims and Scopes of the WG's were still missing and the Chairman, Mr. Meersman, would be requested to submit same for approval at the next TA.

#### **TECHNICAL COMMITTEE 13**

TC 13 had plans to develop two Working Groups.

#### **SPECIALIST GROUP 1 - SGFCS**

The SG on "Foundations of Computer Science" was working very actively. It would try to work in a field not covered by TC 2 (which considered there was overlap and maintained that it was necessary to see theory and practice together). In reality, there was not any competition as SGFCS attracted a different community - mathematics which TA considered important for IFIP.

Following discussion within its meeting, TA had adopted the motion: "To ensure proper co-ordination and co-operation between newly generated Technical Committees and Specialist Groups and existing Technical Committees, suggestions for new TCs should also describe methods and subjects on which to co-operate with existing TCs and SG's," ACTION

#### **ACTIVITIES IN SOUTH EAST ASIA**

TA very strongly felt that IFIP must become more visible in SEA and have more SEARCC representatives on TCs in order to create activities. SEARCC, however, considered there should first be activities which would open the way to attracting members for TCs. It was imperative for IFIP to break that circle and to start moving in the SEA area.

As a consequence, TA had adopted a motion to form a Commission for SEA with the following Charter:

- 1) Identify relevant needs of Member Nations.
- 2) Determine which of these can be usefully-addressed by IFIP.
- 3) Establish a structure to organize an appropriate programme of activities/actions.
- A) Monitor the development of an effective on-going programme which has the support of Members in the area.
- 5) Assist Regional and Individual Members in the area to collaborate and co-operate in building a more effective local network.

The Commission would be Chaired by Mr. Goldsworthy with the following members - Messrs. Balasubrahmanian, Caelli, Housely, Iau, Ozeki and Poole. It would submit a first report to the next TA meeting. ACTION

#### **IFIP ORGANIZATIONAL STRUCTURE**

Prof. D. Bjorner had sent a letter to the IFIP President in February 1990 proposing a changed IFIP structure as he had felt that IFIP was in a crisis due to 'Lack of Focus', 'Conflicts of Interest', 'Economic Crisis', 'Low Congress Attendance', 'Separate Worlds', 'Incomplete Information Processing World' and 'Emerging World'. He had also proposed a possible solution by splitting IFIP into four Federations: 'Informatics (Computer Sciences)\*', 'Information Technology', 'Informatics Applications' and 'Informatics Education and Training'. Each Federation would run a Congress every four years and, under each Federation, there might be a structure of TCs. Executive Board had decided (in Jerusalem) that the letter should be circulated to TA members for discussion in Buenos Aires.

TA did not support the idea of IFIP being split up and felt that that proposition would really only appeal to the academia. However, the idea of focussed Congresses, each run every four years, did attract some interest.

The discussion had mainly centred on the structure of TCs, WG's and the communication between them, and also on TC membership. It had been felt

too premature to discuss Congress structure at that time; the experience with Congress 92 should first be obtained.

TA decided to establish two Task Forces. TF-1 would review the WG structure, find ways of collaboration between WG's and between WG Chairmen and GA. The members were Messrs. Brauer (Chairman), Tomljanovich and Caelli. TF-2 would look into the aspect of National representation in TCs. The members were Messrs. Goldsworthy (Chairman) and Poole. Both Task Forces would report to the next TA meeting.

ACTION

The President said that a letter would be sent to Prof. Bjorner informing him of the discussions.

ACTION

### **CONGRESS 92**

Mr. Brauer had reported to TA on the programme for C 92 which had been extensively discussed. As it had been decided earlier to more involve **the** WG Chairmen, a Workshop had been planned with the title "Informatics in the 21st Century". It would be a one-day Seminar where papers would be presented and discussed, not a business meeting. A circular had been distributed to all WG Chairmen asking if they desired such a Workshop and if they would attend. Most disappointingly, Mr. Brauer had only received 8 replies out of 58 WG's (7 positive, one negative). He would, nevertheless, retain the Workshop in the programme.

### **TC REVIEWS**

Mr. Ozeki had reported on the status of the TC Reviews in respect of TC 2, 3, G. 10 and 11. (Details are outlined in Appendix 10 to the TA report.)

### **TASK FORCE ON FRACTALS**

A report had been received from Mr. Penedo (Appendix 11 to the TA report) and it had been noted that the event "FRACTAL 90", 6-8 June 1990, Lisbon had been very successful from a scientific point of view. A financial loss of approximately SFr. 5,000 was foreseen which would be supported by API (Portuguese Member Society). Proceedings would be forthcoming, published by North-Holland.

TA had decided to postpone discussion on the idea of creating a TC on "FRACTALS" until its next meeting.

### **CODE OF ETHICS**

Mr. Brunnstein had presented Mr. Sackman's report with a proposal for a Code of Ethics. He had outlined the background of same and it was felt that the Code should be sent for a review amongst Member Societies, TCs and WG's. TC 9 had been asked to handle same **and** to submit a final version to the next Council Meeting.

ACTION

TA heartily recognized the enormous amount of work put into the project by Mr. Sackman and had approved a motion put forward by Mr. Brunnstein. GA was also asked to approve same. (Kindly refer Agenda item 11.7 - TC 9.)



#### **EDITING OF AIMS AND SCOPES**

TA had thought it would be a good idea to edit the TC and WG Aims and Scopes. A Task Force had been set up in Jerusalem of Messrs. Morris (Chairman) and Rosenfeld. TF **had** reported back that a probable solution was to have common Aims whilst Scopes would be specific to each TC or WG. It would issue a preliminary version for review by TCs and WG's within the next two months and present a revised version to the next TA meeting. ACTION

#### **FREQUENCY OF TA MEETINGS**

**Mr. Rolstadas** stated that TA was in favour of having meetings in the same pattern and frequency. He very much appreciated the active discussions in TA.

#### **COMPOSITION OF TA**

**Mr. Tienari** had had to participate in TA in his role as Cognizant Officer (substituting for the TC 12 Chairman). He wished to move that Cognizant Officers be added to the TA membership. **Mr. Rolstadas** replied that it had been decided earlier to only include the TC Chairmen, Affiliate Members and Executive Board in the composition of TA to discuss the strategy of IFIP. If a TC Chairman were unable to attend, then he invited the Cognizant Officer. If the latter would not be available, then a GA representative involved in the concerned Committee. It was important to keep the forum small and he was reluctant to enlarge the membership of TA at the present stage. **Mr. Rolstadas** mentioned that he did not mind having Observers sitting in to listen.

**Mr. Dolan** did not think existing problems could be solved by making meetings bigger. There was a difficulty with information flow between TC Chairmen and Cognizant Officers. **Mr. Reijns** stated that the TA had been set up for the TC Chairmen and, speaking on their behalf, he would like to limit the number to what it currently was. **Mr. Thoft-Christensen** concurred.

Further discussion ensued, following which **Mr. Rolstadas** proposed that, henceforth, he would circulate the agenda and meeting papers to the Cognizant Officers so that they would be aware of the items to be discussed should they have to stand in for TC Chairmen. ACTION

The **President** said he had **been** the first TA Chairman and proposed not extending TA for other parties. If nearly everyone were to be included, then it would be impossible to have other meetings in parallel with TA. On the other hand, he agreed that the Cognizant Officers had to be aware of the work being carried out within TA.

**Mr. Tienari** felt that WG Chairmen could be invited at a certain point to give a small speech at TA and, in that way, they would receive recognition. The **President** considered **that** proposal should be given serious consideration.

10. ACTIVITY MANAGEMENT BOARD

Mr. **Melbye** referred to his Annual Report 1989/90 and to document (AMB-1) resulting from the AMB meeting which had taken place earlier that week.

136 requests of various types, as outlined in the Annual Report, had been processed from September 89 through June 1990. A further 19 requests had been processed since that date.

The existing procedure had been weak in certain aspects and that had led to the formulation of new Event Approval Guidelines which had been distributed to all TC and SG Chairmen, with copies to GA Members, in April 1990.

The Activity Secretary, Mr. Falster, gave a briefing on the Event Database which, since March 1990, he had greatly extended. An event could be described in a multitude of ways. Various reports, could be produced for internal and external use. He drew attention to the newly-conceived Event Update Sheet for the recording of amended event information which, once completed, would be copied to the responsible bodies in confirmation that same had been noted and entered into the Database. Just before GA, he had produced an updated list complete with past and future events.

Mr. Falster advised that he would produce a new Six-Year Plan based on the new Database. Maybe, eventually, the name of a contact person and the date for submission of papers could be included. He generated information for inclusion in the IFIP Newsletter (back pages Calendar).

Mr. Melbye believed AMB now had an effective tool to handle the great bulk of activity information and thanked Mr. Falster for all the time he had devoted to setting up the Database. However, he underlined that it could only be truly operative with the help and co-operation of the TC Chairmen.

During the AMB meeting, **Mr. Melbye** said particular attention had been focussed on the reaction of the TC Chairmen to the Event Approval Guidelines and to the TC N Funds procedure. AMB had received various responses, in particular from TC 5, TC 6 and TC 10, with different proposals for amendments. They basically all concentrated around the key issue of financial control over the income generated by the technical activities. The TC 6 Chairman, Mr. Uhlig, had raised (in a letter of June 1990) the suggestion of arranging for special procedures to allow for the carrying forward of surplus from a Conference (in a series) to the following one in view of the often, significant advance financial commitments involved. **Mr. Melbye** advised that he had reacted to same with some personal thoughts; however, no specific proposal had yet been formulated and the issue would be further pursued with Mr. Uhlig. It was very clear to him that there was a strong need to permit the TCs to have greater control over part of the money generated by their activities. 'Open' Conferences offered a considerable income potential for IFIP.

**Mr. Melbye** reported on the discussion which had taken place in respect of his proposed 1991 budget for the TCs which had specified not only operating expenses (six out of the 11 TC Chairmen had submitted budgets for that item), but also grants, royalties, proceeds and, consequently, the net financial

contribution. Several people had re-acted strongly to same and had furthered alternative proposals. Having failed to reach a mutually, satisfactory modus vivendi, it was suggested that a Task Force (himself, Messrs. Tomljanovich and Reijns) continue the discussion in an attempt to come up with a possible solution.

The Task Force considered that the annual budget procedure should comprise four major steps:

- A. At Council Meeting in March, when the provisional figures for the previous year were available, FC recommended for Council approval, overall figures for the coming year regarding total operating expenses, income and final results in such detail that a provisional net contribution from all TCs could be suggested.
- B. In May, when the royalty income for the previous year was available, AMB would distribute a provisional allocation of the net financial contribution anticipated for the coming year for consideration by each TC.
- C. In July, when activity plans for each TC were assumed to be available, the TC Chairmen would be invited to inform AMB about their budget requests for operating expenses, support, (grants and loans) and proceeds (surplus) from activities during the coming year; the latter two should be specified by event and with an indication of expected month of transfer to and from IFIP.
- D. In August, when the figures for the first six months were available, AMB to review the budget requests from each TC and add to that any available estimation from the publisher(s) for royalties to be received next year, as well as the balances of the TC Funds including provisions for last year.

This would lead to (perhaps revised) budget amounts for expenses, support and proceeds for each TC to be included in the overall IFIP Budget for next year to be approved by GA in September.

As mentioned under Agenda item 8.6 - 1991 Budget, the envisaged proceeds from activities of SFr. 110,000 had only been allocated to TCs in a pro-visional way. **Mr. Melbye** recommended that AMB, via himself, be authorized to dialogue with the TC Chairmen along the lines of the Task Force proposal in order to finalize the budget allocation prior to year-end. General Assembly

**CONCURRED.**

**He** said that the current procedure was that 25% of the net contribution (royalties and proceeds less operating expenses and grants) would be allocated to the TC N Fund and made available to the TC Chairmen once the audited figures were available and approved by GA. However, it was realized that this did not give enough incentive for TCs to explore all the opportunities.

As a result, proposed procedures for TC-related transactions had been drafted (document AMB-2) and included: "When event proceeds were received, **the** reporting status of the event would be checked. When the final report

had been received, if the proceeds were larger than the agreed registration and exhibition income share for the event, then 75% of the difference would be transferred from the event proceeds to the TC Fund and made available immediately."

GA **CONCURRED** with the proposed procedures outlined in AMB-2, namely - Accounting, Budgeting, Transaction processing and Funds Provision.

Discussion ensued in GA on the question of TCs having their own accounts and the proposition of Mr. Uhlig. The **President** said if IFIP allowed its entities to have their own accounts, it could lead to trouble because IFIP would be ultimately responsible for any deficits. He recalled the problems IFIP had had with IMIA when it had been a SIG. It was felt that funds should be held on IFIP's central fund so as to avoid tax implications. Mr. **Morris** stated that there could also be auditing implications if the funds were not centralized. It was mentioned that, sometimes, accounts were opened for particular events for handling their funds, but closed down afterwards.

The President thanked Mr. Melbye and his Committee members for their efforts in trying to establish a good working relationship between IFIP and its TCs.

#### 10.1 Activities in SEA

**Mr. Goldsworthy** emphasized that the issue was a very important one which he had raised during the Executive Board and Technical Assembly meetings. IFIP had failed dismally with the SEA countries which had not received much benefit from being Members of IFIP. Many were of the view that they should withdraw from IFIP and that question had been a subject of discussion at several SEARCC meetings. SEARCC would, notwithstanding, remain a Member for the time being because there were some people within SEARCC who wished to give a little more time to IFIP to improve the inter-facing.

Bearing in mind that the first SEARCC Conference had been held in 1976, which had led to a change in the IFIP rules in 1977 and the admission of SEARCC in 1980 as the first Regional Member, it had had several years as what it saw as unsatisfactory participation.

It was, therefore, very important that IFIP realized SEA was a fast-growing part of the world - both in terms of economy and population statistics: the world of the 21st Century. If IFIP wished to be an International Federation, it had to address the issue effectively otherwise it would be perceived by the people of SEA as a Northern hemisphere/European oriented organization.

The President drew attention to the TA decision to appoint a special Commission for SEA under the Chairmanship of Mr. Goldsworthy with a clearly-defined Charter. He wished GA to acknowledge the importance of the problem. Mr. Goldsworthy said a message would be sent to the SEA countries indicating that IFIP was taking the matter very seriously. The Commission would have to be in very close co-operation with the TCs and WG's and try to develop a programme of events and actions which would be seen as positive. There needed to be collaboration from the part of the recipient nations as well. He underlined that IFIP had to accept if it did anything useful, an out-lay of money and resources was required. IFIP had been accumulating money in its Activity Development and DCSC Funds and it was about time same was utilized for the purpose it had been accumulated for. Mr. Morris had a great deal of sympathy for the SEA countries, but believed it would be much easier for IFIP to respond to their needs if it knew what were their actual needs. He urged the Commission to investigate what reasonable needs they had which IFIP had some chance of satisfying.

Mr. Monteverde said he had been exchanging mail with Mr. Iau regarding common interests. One of the problems was that it was not easy for DCs to contact people and establish their needs. One of the ideas that had emanated from their interchange was that IFIP should provide some kind of "shopping list" to help DCs in contacting the right people to perform activities needed by them. The question had been discussed at the DCSC meeting and, during the relevant Agenda item (12.3), he would report further on same.

The President wished the Commission every success in carrying out its Charter and looked forward to receiving a progress report at ACTION the next Council Meeting.

## 10.2 Regional Activities in Europe

Mr. Melbye informed that, two years ago, the British Computer Society had invited a number of Societies in the European community to a meeting in London to discuss various issues of common interest in the field of Information Technology. The Group had met twice since - at six month intervals. At its last meeting in Athens, April 1990, it decided to form a Council known as CEPIS (Council of European Professional Informatics Societies). The European Commission had welcomed the initiative. CEPIS now included Societies not only from EEC, but also from EFTA countries. There were talks that it might also include Societies from the Eastern European countries. CEPIS, at pre-sent, had approximately 20 Members, the majority of which were also Members of IFIP.

As the Danish representative for CEPIS, Mr. Melbye had observed the preparation for its formalization and had reviewed the 'Draft' Statutes and Bylaws. The aim of CEPIS was to promote co-operation in science, education and professional matters and Mr. Melbye felt it could well evolve into a competitive organization. However, he much rather favoured the idea of IFIP and CEPIS co-operating.

The President said he would be prepared to attend a CEPIS meeting in two capacities: as an Observer from an Eastern European country and as the President of IFIP in order to discuss possible co-operation.

Mr. Melbye pointed out that CEPIS would be meeting in Copenhagen early in October 1990. Mr. Bauknecht considered that an official delegation from IFIP should enter into discussion with CEPIS either before or at Copenhagen. The President felt there was not enough time, but confirmed he would have arrangements made for a meeting with CEPIS prior to year-end.

ACTION

## 11. TECHNICAL COMMITTEES/SPECIALIST GROUP

(Kindly also refer to Agenda item 9 - Technical Assembly)

### 11.1 TC 2 (Programming)

Mr. Poole drew attention to his report which had been prepared following the 38th meeting of TC 2 in Sofia, 27-28 August 1990. He advised that TC 2 had been very active during the reporting period.

The WG 2.6 State-of-the-Art Seminar, originally scheduled for December 1988 in India, was still stalled and would be removed from the TC 2 schedule should it not take place before the end of 1990. WG 2.2 would actively pursue the possibility of holding a State-of-the-Art Seminar in India in 1992 and look at the ways whereby the speakers could fund their own travel expenses and hence avoid substantial costs for the Seminar. WG's 2.1 and 2.3 had also indicated, not officially, that they were interested in developing a State-of-the-Art Seminar for presentation in South America or South East Asia. Mr. Poole thought there were possibilities in countries which were industrialising rapidly such as Thailand.

TA had agreed to a name change for WG 2.1 "Algorithmic Languages and Calculi (no amendment to the Aims and Scope). This was the first IFIP Group with the name "Algol" and had done a lot of fine work since its establishment in 1962. The reason TC 2 had encouraged the WG to change its name was one of image and marketing. Mr. Poole said he had personally found it difficult to explain the relevance of IFIP when one of its WG's was called "Algol".

WG 2.4 had not yet organized Working Conferences although it was extremely active. However, Mr. Kastens (Germany) had been appointed to succeed Mr. Waite as Chairman and, as a consequence, it might be possible to get WG 2.4 to organize a WC.

Mr. Poole underlined an important change - the name of TC 2 itself. Again, this was triggered by an image point of view. Discussion on same had taken place within TC 2 and, particularly, with the WG Chairmen. He recalled that the name "Software: Theory and Practice" (no amendment to the Aims and Scope) had been approved by the General Assembly following the TA report (refer Agenda item 9). Mr. Poole believed TC 2 would be in a much better position to develop and present its activities with such a name.

He announced that the next TC 2 meeting would be held on the Gold Coast, Queensland 24-25 June 1991 and it would be followed by a two-day Seminar where the Working Group Chairmen would present a one/two hour overview of the activities of their respective Groups. People from SEA would be invited to same with the hope of recruiting members for the WG's. Mr. Poole pointed out that TC 2 had been attempting to hold its meetings in different parts of the globe.

He drew attention to the TC 2 attendance record. There were a number of countries which were not very active and he would write to the concerned GA Members with a request for replaced representation.

ACTION

11.2 TC 3 (Education)

Mr. Brauer referred to his report and advised that he had completed two terms as TC 3 Chairman and would be succeeded by Mr. Bollerslev/Denmark who had been Chairman of WG 3.1 and very active in TC 3 for a long time. The President said he would send him an appointment ACTION letter that week. Mrs. de Caluwe/Belgium and Mr. Aiken/U.S.A. had been elected Vice-Chairmen and Mr. Samways/U.K. would succeed Mr. Wiechers as Secretary. The latter had held that function for ten years and Mr. Brauer placed on record TC 3's appreciation of his hard work. Mr. Wiechers would now leave TC 3 and a new representative from South Africa would be nominated. The Officer appointments would take effect from 1 January 1991.

TC 3 had held its last meeting just before and after "WCCE 90", July, Sydney. Its next meeting was planned for July 1991; Alesund, Norway in conjunction with two combined WC's of WG 3.4 and 3.5. TC 3 always tried to tie in its meetings with an event.

Mr. Brauer mentioned that FC had approved a SFr.6,000 grant (in addition to the previously-requested SFr.3,000 loan) for the WG 3.1 WC on "Impacts of Informatics on the Organization of Education", 5-9 August 1991, Santa Barbara, California (AMB No. 528).

TC 3 was very concerned with the many changes in education at University level and had become more active in that area. It was arranging for a Workshop at C 92. A Workshop would take place in Switzerland in 1991 and perhaps another one in Mexico City in 1992 together with a TC 3 meeting.

Mr. Brauer said he had not submitted a report to TA because, at the present time, TC 3 had no structural problems and was very stable.

He added that TC 3 had discussed against undertaking a project previously raised by the General Assembly - namely, "Certification".

In reply to Mr. Fourot's query re an attendance statistic, Mr. Brauer said the problem with TC 3 was that it had a fluctuating attendance depending on where its meetings were held. TC 3 tried to go around the world. The members from Greece and Singapore never showed up, but all others generally came from time to time.

Mr. Brauer thanked the General Assembly for having been so gracious towards TC 3 during his term of office. The President placed on record IFIP's sincere thanks to Mr. Brauer for his very active and profitable work as TC 3 Chairman. General Assembly APPLAUDED.

### 11.3 TC 5 (Computer Applications in Technology)

Mr. Tomljanovich referred to his Annual, Report 1989/90 and to the documents distributed in Buenos Aires.

Nearly all the TC 5 members had attended the last meeting in Helsinki on 19 August 1990. The next WG Chairmen's meeting was scheduled for Rome on 21-22 January 1991.

Mr. Kochan/G.D.R. had been appointed as TC 5 Vice-Chairman and Mrs. Karlmark/NL as TC 5 Secretary. Mr. Tomljanovich thanked Mr. Milacic/Yugoslavia who had originally accepted to take over that function, but finally had not been able to. Messrs. Wozny/U.S.A. and Robson/ U.K. had succeeded Messrs. Hermann and Warman as Chairmen of respectively WG 5.2 and WG 5.9.

Mr. Tomljanovich was striving to increase the membership of TC 5. He considered the only way to diffuse information on technology was to enlarge the TC's. The members of WG's were experts, but often loosely tied with IFIP. Due to non-activity, the TC 5 representatives from Belgium, Canada, Greece and Portugal had been deleted and the respective GA Members were again invited to nominate substitutes.

#### ACTION

Mr. Halevi, the TC 5 representative for Israel was Chairing a Task Force concerned with the Structure and Effectiveness of TC 5 and the studying of technologies in the industrial world. Special Seminars would probably be organized. This activity could result in a good contribution from IFIP to the community. Mr. Tomljanovich called on those persons interested in collaborating on the project to contact Mr. Halevi.

#### ACTION

TC 5 had discussed with TC 9 the possibility of another WG addressing "Ecology" and TC 9 had launched a Task Force to look into same. The application of informatics to Environmental Systems and Ecology was a 'hot' topic and Mr. Tomljanovich invited all GA participants to give him names of experts in that area. The intention was to make some joint effort with TC 9.



He gave a briefing on the numerous events which had taken place in the reporting period - as outlined in his Annual Report.

Mr. Tomljanovich said IFIP had had no structure to create joint WG's and he was pleased that TA had now created a Task Force to study that problem.

At its last World Congress in Tallin, U.S.S.R., IFAC - apart from expressing its appreciation of the co-operation with TC 5 - had proposed the creation of a Joint Working Group on "Control Architectures for Integrated Manufacturing Activities or Enterprises". TC 5, at its Helsinki meeting, had favoured the suggestion and had submitted several names to be included with those of IFAC. Since there was not a structure, it was decided to first appoint a Task Force to concretize same under the Chairmanship of T.J. Williams. The President thought it was a very good idea to have joint activity of such a nature with IFAC which was a strong Federation.

Amongst the long list of scheduled events, contained in the documents, Mr. Tomljanovich highlighted the 2nd IFIP Int. Conference on "CAD/CAM and Technology Transfer to Latin America", 19-24 November 1990, Cuba. There had been difficulties in convincing people to go there and the papers were not so good. Despite the increasing of efforts, the result would be practically zero from a financial viewpoint. He asked if TC 5 could arrange to have the Proceedings published locally which would be the only way to diffuse the results of the event. Mr. Rolstadas felt that IFIP should make some exceptions (especially if it did not want to publish the Proceedings itself) to allow the organizers of activities in DC's to publish a book in the local language in order to maximize the diffusion. Mr. Balasubrahmanian thought the procedure should be greatly encouraged as technology transfer was very valuable for DC's.

#### 11.4 TC 6 (Data Communications)

Mr. Uhlig referred to his Annual Report 1989/90. He advised that TC 6 currently had 32 active members of which 23 had attended the 34th TC 6 meeting in Budapest, 11-12 May 1990. It had been hosted by the Hungarian Member Society following "COMNET 90".

As the TC representative for Iraq had been inactive for three years, he had recommended to Cognizant Officer Le Roux that he be terminated. Mr. Uhlig said he had written to the GA Member for Iraq in March 1990 querying the intentions but, thus far, had received no reply. The SEARCC representative had resigned and Mr. Iau was not sure if he would be replaced.

Mr. Uhlig advised that his second term as TC 6 Chairman would expire at the end of 1991. However, the TC had begun the process of trying to find his successor. Three names had been suggested, but the nominations would remain open until the TC 6 meeting in Tunisia, 24-25 May 1991 and the voting would subsequently take place at the TC 6 meeting in Sydney, 21-22 November 1991. Any Full Member representa-

tive who had attended at least one of the last four meetings would be eligible to vote. That arrangement had been made in order to cater for people who mainly participated through correspondence. The President felt if one were a TC member and could not vote, it would not create a good feeling; maybe it would be wiser to exclude people from membership.

It was noted that the WG 6.5 Chairman, Mr. Schicker, would shortly resign and be succeeded by the Vice-Chairman, Mr. Stefferud/U.S.A.

Following discussion at its Budapest meeting, TC 6 had discontinued plans for a "TC 6 Award".

Mr. Uhlig drew attention to the reports of WG's 6.1, 6.5 and 6.6 contained in his Annual Report and felt the 6.5 report, in particular, could serve as a model in that it allowed for smooth and easy contact with related people.

TC 6 would meet in Iguacu in Brazil the next week followed by a Seminar in Porto Alegre with speakers from the meeting.

He referred to the TC 6 Six-Year Plan in his Annual Report and the wide geographical distribution of events was noted and appreciated.

Mr. Funk, as the incoming TC 6 Cognizant Officer, moved that the Review Committee for TC 6 constitute Messrs. Uhlig, Khakhar, Bennett (outside expert) and himself.

General Assembly unanimously ADOPTED the motion.

#### 11.5 TC 7 (System Modelling and Optimization)

Mr. Thoft-Christensen referred to his Annual Report 1989/90 and to the document distributed to all GA participants.

TC 7 had held its last meeting in Irsee, Germany, 11 April 1990 on the occasion of a WG 7.2 Working Conference. The next meeting would take place in Zurich, 3 September 1991 during the 15th TC 7 General Conference.

Mr. Thoft-Christensen underlined that TC 7 hoped to play a more active role in IFIP in the future. There was a half-page presentation of WG 7.7 in the September 1990 issue of the IFIP Newsletter. TC 7 planned to hold a Workshop on "Computational Techniques in Modelling and Control of Large Space Structures" during Congress 92. TC 7 hoped to be able to give a financial offering to IFIP as a result of its General Conference in 1991. It aimed at a contribution of 6% of the registration fees and, to meet same, the fee would be duly increased. TC 7 had also appointed the TC 7 Vice-Chairman, Mr. Kall, as correspondent to the IFIP Newsletter.

Mr. Thoft-Christensen said he had often mentioned that TC 7 and IFIP

were independent bodies, but he now felt it was correct to state that TC 7 had returned to the IFIP fold.

TC 7 had 29 members and, generally, a good attendance every second year - when its meetings were held in conjunction with the General Conferences. A policy had been adopted in TC 7: when someone had not shown interest in TC 7 during a four-year period, he would be asked if he wished to continue or to resign. Currently, TC 7 had problems with the representatives of Australia, Iraq, The Netherlands and South Africa.

Mr. Thoft-Christensen highlighted some of the activities of the TC 7 Working Groups, as outlined in his Annual Report, and mentioned that Mr. Lucertini had taken over the Chairmanship of WG 7.4 in an 'Acting' capacity pending the finding of a permanent Chairman.

#### 11.6 TC 8 (Information Systems)

Mr. Rolstadas pointed out that neither the TC 8 Chairman nor the Cognizant Officer had been able to be present in Buenos Aires. He drew attention to the TC 8 Annual Report 1989/90 and the report to the Technical Assembly.

It was noted that TC 8 required no changes in Aims and Scopes for its Working Groups (although, at one point, WG 8.1 had contemplated a revision).

Procedures were underway to replace the following Officers whose terms expired in the current year: WG 8.2 Chairman, WG 8.3 Secretary, WG 8.4 Secretary and WG 8.5 Chairman, Vice-Chairman and Secretary.

As the Swiss TC 8 representative, Mr. Bauknecht said he had attended the last TC 8 meeting in Vienna, 9-10 June 1990. He underlined that TC 8 would like to define a new mission and he drew attention to the Chairman's document, contained in the Annual Report, concerning strategic planning which covered: 'the distinctive characteristics of TC 8', 'the comparative advantage of TC 8' and 'how to operate to achieve the objectives of TC 8'. TC 8 would welcome comments ACTION on the points raised.

Mr. Bauknecht advised that the following TC 8 meetings had been scheduled: Helsinki, 25-26 August 1991 and Madrid, 5-6 September 1992.

#### 11.7 TC 9 (Relationship Between Computers And Society)

Mr. Brunnstein referred to the TC 9 Annual Report 1989/90 and recalled that he had succeeded Mr. Sackman as Chairman effective 1 January 1990. Vice-Chairman Clement/Canada and Secretary Jaervinen/Finland had taken over their functions at the same time.

TC 9 had met in Dublin, 13-14 July 1990 following "HCC 4" - an Open Conference on "Information Technology Assessment".

Following the last GA, TC 9 had five Working Groups. Full details of their activities during the reporting period were to be found in the Annual Report, but Mr. Brunnstein said he would like to high-light several items.

WG 9.1 - following a meeting held in Dublin in connection with "HCC 4", Mr. van den Besselaer/NL had been nominated as Secretary.

WG 9.2 - had decided to give its new "Namur Award" to Prof. J. Weizenbaum in honour of his outstanding work and merits in the TC 9 general area of "Computers and Society". He would receive the Award in January 1991 from the Rector of the Universite de la Paix, Namur during an open session. It was felt that the Namur Award would contribute significantly to making IFIP more visible and valuable to the public. TC 9 trusted it could be given on a regular basis although the cycle had not yet been discussed.

WG 9.3 - had travel fund problems as its members were rather young. However, they communicated by e-mail and were thinking of holding an e-mail Conference.

WG 9.4 - had been founded in 1989 after a very successful Conference in India devoted to Social Implications of Computers in DCs. A further Conference was being planned for Malaysia in 1992 and it would try to hold a local Workshop alongside the 1991 GA Meeting in Zimbabwe.

WG 9.5 - was also only established in 1989 and would hold a Joint Conference with WG 3.4 on "Vocational Education and Training" in 1991 in Norway.

Mr. Brunnstein drew attention to the two proposed Working Groups on "Informatics and Ecology" and "Computer Security Law". (Full details are to be found under Agenda item 9 - Technical Assembly.)

Mr. Brunnstein said he had proposed to certain Eastern European countries the idea of appointing 'corresponding' members to TC 9. He would also make the proposition to countries in the South American, African and Arabic areas.

Mr. Dolan commented on "HCC 4" which Mr. Brunnstein considered had been well organized by the Irish Computer Society. Mr. Dolan said it had been run by volunteers in order to keep down the costs. Support had been received from the EEC "FAST Programme". There would probably be a moderate surplus. The Proceedings would be published before the end of the year.

Mr. Brunnstein gave a briefing on the "SOST 89" and "SOST 91" Conferences (Shaping Organizations, Shaping Technologies). The problems with "SOST 89" had now been solved, thanks to the valuable assistance of the Australian Computer Society, and the Proceedings would be published shortly by North-Holland. "SOST 91" would be held in close connection with the 1991 Conference of ACS.

He had presented Mr. Sackman's report with a proposal for a Code of Ethics to the Technical Assembly (refer Agenda item 9) and TA had approved a motion which it recommended for approval by GA.

General Assembly ADOPTED the motion as follows:

ACTION

- First, IFIP General Assembly thanks Dr. Sackman for the extraordinary work which he invested in this project which he was charged with, in a 2 years plan, in IFIP General Assembly in New Delhi (1988).
- Second, IFIP GA regards Dr. Sackman's paper "Revised preliminary IFIP Code of Ethics" (5 pages, July 1990) as a good basis for discussion in IFIP's Member Societies.
- Third, to analyse the acceptance and relevance of this (now to be called) "Draft IFIP Code of Ethics", IFIP asks its Member Societies as well as its organizations (TCs, WG's, SG, etc.) to discuss this paper in detail. Among others, aspects of education to and enforcement of ethical behaviour should be evaluated before the diverse economic, social and cultural backgrounds.
- Fourth, to assure best possible follow-up of emerging ideas and discussions, IFIP GA asks TC 9 to engage itself in these discussions and to follow it, in close co-operation with interested TC's and WG's, to inform IFIP Technical and General Assemblies on essential new aspects and amendments and to suggest, if meaningful and essential, updates of the "Draft IFIP Code of Ethics".

The President considered TC 9 was a very important TC as it was connected with the social aspects of informatics and he urged all Member Societies to collaborate fully either by appointing 'full' or 'corresponding' members to the TC and nominating people for the various Working Groups.

ACTION

#### 11.8 TC 10 (Computer Systems Technology)

Mr. Reijns referred to his Annual Report 1989/90 and advised that 12 TC 10 members and WG Chairmen (representing 10 nations) had met in Paris during May 1990. At that meeting, the AMB document on 'new event approval procedures' had been discussed; the proposed financial arrangements had not met with favour and TC 10 had submitted a counter-suggestion to AMB and TA. The number of TC 10 Proceedings sold around the world had been considered rather un-satisfactory and Mr. Reijns hoped that the new Publications Contract would lead to an improvement in that domain.

Mr. Reijns gave a briefing on the Working Groups:

WG 10.1 - had not been very active during the past couple of years and TC 10 had decided to dissolve same. Mr. Reijns had contacted several of its people to see what should be done and it was decided that he should write to all the WG 10.1 members informing them of the situation and giving them the possibility of joining another established Group or one TC 10 hoped to set up. ACTION

WG 10.2 - was sound and active and had a natural interaction with WG 10.5 which had resulted in their organizing more and more combined Conferences. In order to improve communications amongst the WG 10.2 Officers, TC 10 had approved the appointment of two Vice-Chairmen - Mrs. Borrione/France and Mr. Kawato/ Japan. The Chairman and Secretary were both located in the U.S.A.

WG 10.3 - had a new Chairman, Mr. Cosnard/France, and the Group was alive again and planning a number of WC's. It felt there was a possibility of co-operation with TC 6 in the field of 'distributed computing'.

WG 10.4 - was planning a 2nd WC on "Dependable Computing for Critical Applications", U.S.A., 18-20 February 1991. It was recalled that the 1st WC held in 1989 had been a great scientific and financial success. WG 10.4 was the only Group in TC 10 which published with Springer-Verlag.

WG 10.5 - was a most important Group and dealt principally with all aspects of interaction between semi-conductor fabrication and computer system design. It was supported by large industries.

As mentioned in the TA report, Mr. Reijns stated that TC 10 was envisaging the creation of two new WG's on "Neural Networks" and "Optimal Computing".

He underlined that big fights were going on in the world regarding "chips"; astronomical sums were being spent in that area. TC 10 was organizing a stream in the C 92 programme "From Architecture to Chips: Latest Achievements and New Prospects".

Contact had been made with Nigeria about the possibility of holding an education course there. Some financial support had been approved. However, as no proper response had been forthcoming from Nigeria, Mr. Reijns felt the project would have to be abandoned.

Mr. Reijns was concerned about the TC 10 RC report which had still not been submitted. As four years had elapsed since the inception of the RC, he considered the contents of the report would no longer be of interest. Mr. Reijns, consequently, proposed writing a two-page report for submission to the next TA meeting. Mr. Rolstadas said TA was in favour of that approach and TC 10 would, in any case, be reviewed again approximately

two years hence. General Assembly CONCURRED.

#### 11.9 TC 11 (Security and Protection in IP Systems)

Mr. Caelli drew attention to his report and stated that worldwide concern in 'information privacy' and 'network security' had again increased during the reporting period and showed no signs of stopping.

The last meeting of TC 11 had taken place in Helsinki, May 1990 in connection with the very successful "IFIP/Sec '90" Conference which had attracted over 350 people from 29 countries. The financial surplus had allowed for SFr.10,000 to be paid to IFIP. "IFIP/ Sec '91" was planned for 15-17 May 1991 in Brighton, U.K. and it was again hoped to realize a good surplus. The succeeding "IFIP/ Sec" Conferences had been scheduled as follows: 1992-Singapore, 1993-Canada, 1994-Germany and 1995-Japan.

At its Helsinki meeting, concern had been raised in relation to the nature and format of the IFIP World Congresses and, unless improved, they could throw an unfavourable light on TC 11 and IFIP in general.

Mr. Caelli commented on the Working Groups:

WG 11.1 - was no longer functioning and its Chairman had resigned. A Task Force of three people from TC 11 had been formed to re-assess the aims and objectives and would report back to Mr. Caelli by May 1991. ACTION

WG 11.2 - was, also, no longer functional. It was now without a Chairman and had no members. Some TC 11 representatives thought the Group was an important one as it should, in principle, deal with security concerns in personal computers, workstations and local area networks. A Task Force would examine the situation and a new Chairman would be sought.

WG 11.3 - was the largest and most active Group dealing with the development of technology, etc. prior to international standardization. This Group produced 'best seller' Proceedings for IFIP.

WG 11.4 - the Chairman had resigned and a Task Force was examining a restructuring of its aims, objectives, name and the level of interest in same. It was felt that liaison with TC 6 was required, ACTION in particular with WG 6.6.

WG 11.5 - had now become more active. It would meet in Brighton prior to the "IFIP/Sec '91" Conference and, at the same time, hold a one-day Workshop on "Risk Assessment Methodologies".

WG 11.7 - concerned with security legislation had been disbanded and would join forces with the newly-created WG 9.6 on "Computer Security Law". (Refer Agenda item 9 - TA, section TC 9.)

Mr. Caelli mentioned that the Task Force which had been created to examine the possibility of establishing WG 11.8 on "Computer Security" would report back to TC 11 next year with a set of aims and objectives.

ACTION

He advised that a TC 11 'marketing' brochure was underway to promote IFIP and TC 11 on a worldwide basis.

Regarding the IFIP Resolution on "Computer Viruses", unanimously approved at the 1989 GA Meeting (refer San Francisco Minutes, page 39), Mr. Caelli said he wanted to give press clippings to his TC 11 members and called on GA participants to send him copies of any which had appeared in their respective countries. He underlined that the virus threat had not gone away, but had worsened. There were undetectable viruses and the first hard-ware had been destroyed. The military had had attacks on their systems. Mr. Caelli called on GA Members to re-affirm the San Francisco Resolution and re-launch same. The President concurred.

#### 11.10 TC 12 (Artificial Intelligence)

Mr. Tienari, Cognizant Officer, reported in the absence of the Chairman, Mr. Meersman. He recalled that the establishment of TC 12 had been approved at the last GA Meeting. It was important that GA Members assist Mr. Meersman in finding national representatives for TC 12. Four Working Groups had been structured with 'Acting' Officers, but no members had yet been appointed nor had the respective Aims and Scopes been submitted to TA for approval.

Mr. Rolstadas said he had received a report from Mr. Meersman - for the TA meeting - in the form of a letter wherein he had expressed his wish to create an 'Advisory Council'. This had been discussed by the Executive Board and in TA (refer Agenda item 9 - TA, section TC 12). It did not comply with IFIP rules, but Mr. Meersman could invite the concerned people as Observers or eventually consider the possibility of establishing a WG.

Mr. Tienari trusted TC 12 could receive a 1991 budget of say ACTION SFr.2,000 as it was planning a meeting in the first quarter.

The President hoped Mr. Meersman would attend the Barcelona Council and Related Meetings and requested Mr. Tienari to kindly get in touch and convey to him pertinent points from the TA and Council discussions.

#### 11.11 TC 13 (Human-Computer Interaction)

Mr. Dolan, Cognizant Officer, reported in the absence of the Chairman, Mr. Shackel. He said TC 13 had met the previous week in the U.K. immediately following "INTERACT '90" which had been most successful.



TC 13 would be proposing two Working Groups, but its major need was for more representation and Mr. Dolan encouraged GA Members, whose countries were not represented, to attempt to find nominations.

There had been no 1991 budget request, but Mr. Dolan asked the Treasurer to include a nominal amount.

The President hoped that Mr. Shackel would attend the Barcelona Meetings.

#### 11.12 SG 1 (Foundations of Computer Science)

Mr. Brauer said he was presenting the SGFCS report, which had been discussed in TA, on behalf of Mr. Gruska who had been unable to come to Buenos Aires.

SGFCS had held its first meeting in the U.K. the previous month which had been attended by 14 people (invitees or proxies). In contacting people around the world to join such a Group, it had become obvious that this field was very large and very well established in many countries, also in DCs. It was not easy to come as a newcomer into the field, yet Mr. Gruska had been very active with the help of the IFIP President.

SGFCS had proposed two Study Groups on "Continuous Algorithms and Complexity" and "Descriptive Complexity". They had been chosen in such a way that there would be no conflict with TC 2.

Annual, general "Theoretical Computer Science" Conferences were being planned in South America and Mr. Gruska hoped they could be organized under the IFIP umbrella - the first one would take place in Sao Paulo in March 1992. Mr. Borges said there was already a direct link because they would be supported by CLEI.

SGFCS would next meet in Hamburg, 16-18 February 1991.

The President said that Mr. Gruska was encouraged to continue with his efforts and called on the GA participants to give him ACTION every support.

## 12. COMMITTEE REPORTS

### 12.1 Admissions Committee

Mr. Ozeki referred to his report (AC-1) and stated that the North American Fuzzy Information Processing Society (NAFIPS) had sought admission as an Affiliate Member. Following discussion at the March 1990 Council Meeting in Jerusalem, it had been concluded not to recommend to GA the application of NAFIPS, but to encourage that

Society to seek contact with TC 12 for eventual co-operation. He had written to NAFIPS accordingly.

Mr. Ozeki advised that the President had received a letter dated 22 June 1990 from the current GDR Member (Academy of Sciences of the GDR) indicating it would terminate its Membership on 1 January 1991, and the Society for Computer Science of the GDR would be its successor. The President explained that the matter had been discussed in Executive Board. The problem was that the current Member would no longer be able to represent scientific bodies abroad. With the pending merger of the two Germanys, a decision would ultimately be taken as to the sole German representative; however, in the meantime GA was called upon to note the GDR Membership change.

The President said he had received a message from Yugoslavia requesting that it now become a Corresponding Member, and proposed that GA accept the proposal.

General Assembly unanimously APPROVED accepting Yugoslavia as a Corresponding Member. The President asked Mr. Fourot to kindly advise them accordingly.

ACTION

Yugoslavia would be asked to pay Dues from 1.1.1991 and, for the year 1991, the amount would be SFr.350.

Mr. Brunnstein queried whether the International Federation of Computer Law Associations had been considered as an Affiliate Member. He recalled that the issue had been raised by Mr. Sackman at the last GA Meeting. The President replied that he had received no news whatsoever.

## 12.2 Congress Guidelines Committee

Mr. Alvarez advised that copies of the Congress Guidelines, in its new format, had been distributed to Council Members at the Jerusalem Meeting. The Guidelines could be received in printed form, on diskettes or by e-mail upon request.

He referred to his report (CGC-1) and pointed out that it included a re-write of Chapter 17 (Congress Site Selection). The President considered the figure of 3,000 to 5,000 participants was too optimistic (para 17.2.6) and it was felt that the para on IFIP surplus (17.2) should be reworked.

In view of the new Publications Contract with Elsevier/North-Holland, work on Chapter 12 (Proceedings) would be revised and completed.

Mr. Alvarez recalled that at the Jerusalem Council Meeting, CGC had been asked to specifically look into the matter of appointing the PC Chairman four years in advance instead of the current three-year practice. CGC had discussed the issue

and had sought advice from GA Members; it was in favour of recommending the change.

Following a lengthy debate, the President said he would try and have some consultations, discuss the matter at the next Council Meeting and invite the selected C 94 PC Chairman to the 1991 General Assembly Meeting - that would give him a full three years which he considered adequate. ACTION

### 12.3 Developing Countries Support Committee

Mr. Monteverde advised that Mr. Penedo had regretfully not been able to come to Buenos Aires; he had been asked to Chair the DCSC meeting and to report on his behalf.

Attention was drawn to Mr. Penedo's report to GA. One of the most important actions taken was to arrange for CLEI to have reduced Membership Dues so that it could remain in IFIP. A main activity concerned the distribution of the North-Holland books which had been donated to DCSC. A quantity of same had been forwarded to Paraguay for the CLEI Conference taking place the next week.

Mr. Monteverde was pleased that some LA Observers had attended the DCSC meeting - namely, Mr. Borges/CLEI, Mr. Araoz/Venezuela and Mr. Anselmi/Unesco Regional Office.

DCs wished to participate in TCs and WG's, but representatives had scarcely any possibilities to attend meetings or participate in events outside of their areas. It would be helpful if more IFIP activities could be arranged in DCs and more documentary information issued.

Mr. Monteverde said DCSC proposed that IFIP sponsor activities in the DCSC regions (four per year) and allocate funding to the keynote speaker for each event.

It was also suggested that each TC and WG nominate at least one specialist who would agree to give a lecture in a DC (a list should be compiled of specific area of interest, available period, conditions, etc. and circulated amongst the DCs). DCSC proposed that IFIP fund the travel costs whilst the receiving country pay the living and local expenses. Mr. Nedkov pointed out that several international organizations, such as ICSU, were running lecture-ship programmes in DCs. Maybe IFIP could join one of those programmes which had certain funds available for paying the costs of lecturers. The President considered DCSC should follow up on same; Unesco also had funds for that purpose.

Mr. Balasubrahmanian suggested that the TCs utilize some of their TC Funds to support activities in DCs. Additionally, that every effort should be exercised to allow for low-cost publications to be available for DCs.

It was noted that DCSC hoped to reactivate a meeting in order to set up a Mediterranean Regional Member.

#### 12.4 Finance Committee

Mr. Melbye referred to his Annual Report 1989/90 and to his document emanating from the FC meeting covering 'financial position', 'policies', 'procedures' and 'Congress 92 budget'. Document FC-2 was a detailed memo from FC on the last item.

With regard to the outstanding Irish loan for Congress 1980 (SFr. 49,000), it was understood that ICS would be receiving support from governmental agencies and SFr.25,000 would be forwarded to IFIP before the end of 1990; the balance would be settled in 1991.

Mr. Melbye said that FC recommended that the incoming Treasurer (himself) and incoming FC Chairman (Mr. Bauknecht) approach the IFIP auditor and U.K. investment bank to obtain clear information on what had happened, what really was the background for the loss; which financial method to use as IFIP wished to maintain its investment in Swiss Francs so as to diminish risks of further losses, yet realizing a certain, steady yield.

Mr. Melbye moved that the incoming Treasurer and FC Chairman (following their conversation with the bank) be authorized to make relevant changes in the current mandate so as to significantly reduce the risk of future exchange losses.

General Assembly unanimously ADOPTED the motion.

Mr. Melbye addressed the proposed IFIP Budget for 1991 which General Assembly APPROVED, with one abstention. (Refer Agenda item 8.6 under Finances.)

He advised that he would establish a procedure whereby TC Chairmen would receive quarterly statements and would draft new accounting forms for presentation at the next Council Meeting.

ACTION

#### 12.5 IFIP Committee for International Liaison

Mr. Fourot presented the Annual Report 1989/90 of Mr. Tanaka in which he had pointed out that many of the liaison tasks and contacts had been taken over by other bodies.

Mr. Tanaka had suggested that ICIL review its Charter and propose a modification and clarification. The President asked Mr. Fourot to see if it could be available for the next Council Meeting.

ACTION

#### 12.6 IFIP-UNESCO Liaison

Mr. Fourot advised that Unesco had given support to two projects in 1990. Funds of respectively \$5,000 and \$4,000 had been made available to assist the participation of DC representatives in an Educational Workshop in U.S.A. and in "WCCE 90" in Australia.

Regarding 1991, Unesco would support "AFRICOM 91" and he would try to obtain further funding if approached by the TC Chairmen.

Mr. Fourot referred to Unesco's Intergovernmental Informatics Programme (IIP) and said he was in close contact with the Secretary in Paris. IIP sought IFIP's help in terms of evaluation of projects and counselling. The next IIP meeting would take place in Paris two months hence and he would try to get things moving together with the IFIP President who was also a Vice-President of IIP.

IIP intended publishing a Newsletter and had requested IFIP for inputs. Contact had been established between IIP and Mr. Rosenfeld and Mr. Fourot thought it would be a very good idea to have some of the IFIP Newsletter articles reprinted in the IIP Newsletter.

#### 12.7 Internal Awards Committee

Mr. Fourot referred to his report (IAC-1) concerning the Outstanding Service Award nominations for 1990. The same procedure had been followed and he had received answers from three TC Chairmen together with full, supporting material.

He, therefore, proposed that the five nominations be approved.

General Assembly unanimously APPROVED presenting the OSA to:

- TC 3/Rita de Caluwe, TC 5/J.P. Crestin, Gloria Karlmark, F. Kimura, TC 6/Liane Tarouco

#### 12.8 Marketing Committee

Mr. Finch advised that MC had met prior to GA - once alone and once with the TC Chairmen.

It had been agreed that MC should make Member Societies and other interested parties aware of the benefits of the new Publication Agreement with Elsevier/North-Holland and to encourage sales of ACTION publications.

Mr. Finch referred to the creation of a "Press Officer" function which had been lengthily discussed at the MC and Council Meetings in Jerusalem. Mr. Boyd, the former Canadian representative, had expressed his willingness to be involved. His job would be one of co-ordinating the logistics of Press Statements. Essentially, there were two sources: extracts from the IFIP Newsletter and announcements/events identified at Council and/or GA Meetings which could be drafted on-the-spot by MC members.

It had been agreed that it was preferable, and probably much more worth-while to issue only a few quality Press Statements annually rather than many on mediocre matters. Whilst the Press Statements would be prepared in Canada, it was felt logical to have them printed and distributed by the IFIP Secretariat.

MC would send a letter to each GA Member and/or Member Society President requesting one or two names each of quality and commercial publications (with the widest distribution) for inclusion in the Press Statement mailing list which would also contain a portion of the Newsletter list, etc. Names of Editors of Member Society Journals should also be added. ACTION

Mr. Finch said MC had briefly touched upon the issue of how to identify potential new IFIP Members. It would obtain an updated list of countries from the UN and examine the younger entries. ACTION

In its meeting with the TC Chairmen, MC attempted to discuss their needs and the first area of importance appeared to be the improvement of local Society coverage. MC would attempt to make the Society Presidents aware of the need to publicize IFIP events in their respective countries. ACTION

In respect of the Member Society Annual Reports addressed by Mr. Alvarez, it appeared there had been little action or re-action to the Members' comments. MC would, henceforth, identify requests and, where necessary, act upon them or refer same to the concerned body.

Mr. Finch advised that Mr. Alvarez had conscientiously updated the IFIP Presentation on diskettes (originated a few years back by Mr. Morris on slides) and copies were available for all GA Members that desired and requested same. ACTION

The pamphlet "What is IFIP?" was now rather outdated (last edition December 1987) and thought should be given to producing a new version.

#### 12.8.1 IFIP Newsletter

Mr. Rosenfeld said he had raised various questions concerning the IFIP Newsletter content and the one item he wished to high-light was the demand for 'contact' information against the Calender events. It would be tried as an experiment, probably with the March 1991 issue. He would also try out several experiments - having photographs of TC and WG Chairmen with mention of their areas of interest, etc. and one-page TC Summaries.

The President expressed his appreciation of Mr. Rosenfeld's continued hard work and enthusiasm for the development of the visibility of IFIP via the Newsletter. General Assembly CON-CURRED by applause.

## 12.9 Publications Committee

Mr. Khakhar advised that, in the absence of Mr. Verrijn-Stuart, he had been asked to Chair the PC meeting earlier that week, the Minutes of which had been distributed to all GA participants.

He drew attention to the Annual Report 1989/90 of Mr. Verrijn-Stuart outlining 'General Matters', 'Status of IFIP Publications', 'Royalties' and 'Future Publication Arrangements'.

Mr. Khakhar called on Mr. Morris to explain the new 'Master Publications Agreement' which had been drawn up with the Elsevier Science Publishers/North-Holland. Mr. Morris recalled the decisions taken at the Jerusalem Council Meeting (refer pages 32 and 33 of the respective Minutes) whereby the Master Contract, which had been due to expire on 30 June 1990, had been extended for one year per the pro-viso. However, PC had decided to investigate further options and he had been charged to organize the operation. Formal letters had been sent to five publishers outlining various criteria, etc. The major concern of IFIP regarded marketing and the size of the publication.

Finally, a new Master Publications Agreement had been established between ESP/North-Holland and IFIP (per document distributed to GA participants). Mr. Morris underlined the highlights of same: three year period from 1 July 1990 to 30 June 1993 and, thereafter, indefinitely with 18 months notice; historical exceptions (WG's within TC 7, WG's 5.10 and 10.4); a maximum of five mutual exceptions per year and from 1 January 1992, the Proceedings would be published in a soft cover format with a minimum size of 100 pages compared to the current 300). The Proceedings would be published within two months of receiving the final manuscript and IFIP would undertake to provide the manuscripts within six weeks following the respective event. Royalties would be calculated on a simpler basis, on net sales receipts, and Elsevier/North-Holland would continue to produce, free-of-charge, up to 6,000 copies of the IFIP Newsletter. The current pattern of discounts had been extended to offer one of 50% to all attendees at an event even if they were not members of the IFIP Member Societies. Mr. Morris said Messrs. Melbye and Rolstadas had also been involved with the Agreement and had contributed concrete advice. Executive Board had considered the Agreement a good one and it was now up to IFIP to exploit it to the full in order to hope-fully obtain the maximum, possible benefit.

Mr. Thoft-Christensen queried the Springer Contract. Mr. Nedkov said one of the PC recommendations had been that, following GA, the PC Chairman and himself would negotiate a Master Contract Agreement with Springer.

ACTION

He also reported that since 1 September 1989, 44 Contracts had been signed of which 38 with Elsevier/North-Holland.

Mr. Nedkov drew attention to an important issue raised - namely, how to publish Proceedings from Conferences in DCs. A good example was TC 6; Elsevier/North-Holland was happy to publish the Proceedings of its DC events as the papers were always of top quality. However, there had been other events which E/N-H had not found of publishing and marketing interest. He advised that IFIP could probably use local publishers for such cases. He would be attending the Annual ICSU Meeting in Sofia the following month where possibilities of printing and distributing publications in DCs would be discussed. Mr. Nedkov said he would send appropriate feedback to PC and DCSC.

ACTION

Mr. Khakhar felt that if Royalties could be obtained locally, then they could be left there to be put into activities of the DCs.

Mr. Khakhar said neither IFIP nor the respective TCs received any Royalties from the Journals "Computers in Industry" VTC 5 and "Computers and Security" VTC 11. PC felt the situation should be explored. A Task Force comprising Messrs. Tomljanovich and Reijns had been set up to study any possibilities.

Mrs. Smit presented the E/N-H Status Report of IFIP Publications 1990 and the Proceedings published between 1 July and 23 August 1990.

The President said he would like to thank Mrs. Smit for having been so helpful in respect of establishing the new Agreement and for everything she had done for IFIP over many years. General Assembly warmly APPLAUDED.

#### 12.10 Site Evaluation Committee

Mr. Alvarez referred to his report (SEC-1) and underlined that formal proposals to host Congress 96 (14th IFIP World Computer Congress) would be required by 1 February 1991.

In May 1990, letters of invitation to consider bidding for Congress 96 had been sent to all IFIP Full Members.

In the meantime, three IFIP Members had expressed their interest: Australia, China and Austria together with Hungary. A letter had been received from SEARCC stating it would not bid.

The President indicated, for information purposes, that there would be a discussion about the bids at the next Council Meeting.

#### 12.11 Statutes and Bylaws Committee

Mr. Morris drew attention to the Annual Report 1989/90 of Mr. Bobillier. SBC had finalized the revision of the Statutes and Bylaws which inclu-



ded all modifications approved by GA at its 1989 Meeting in San Francisco. Some further minor editorial and other changes had been included and the latest draft dated July 90 had been mailed out to all GA Full Members on 8 August 1990. GA was now requested to approve same.

Mr. Funk had found some inconsistencies and the President asked him to send same to the SBC Chairman in writing. Notwithstanding, ACTION

it was fervently remonstrated that approval was now needed as the latest version included all the major changes which had taken place in the last two to three years in the IFIP structure (e.g. AMB, TA, etc.). Minor inconsistencies were of an inconsequential nature.

General Assembly unanimously APPROVED the latest draft of the Statutes and Bylaws.

Mr. Morris advised that it would be offset and distributed by the ACTION IFIP Secretariat to all concerned parties following the GA Meeting.

The President placed on record his thanks to the SBC Chairman, Mr. Bobillier, and to his Committee members, Messrs. Morris and Fourot, for their extensive work in producing a revised edition of the Statutes and Bylaws.

### 13. AFFILIATE MEMBERS

#### 13.1 IAPR

Mr. Fourot drew attention to the Annual Report 1989/90 of Mr. Devijver.

#### 13.2 IASC

Mr. Fourot drew attention to the Annual Report 1989/90 of Mr. Brosveet.

#### 13.3 ICCC

Mr. Uhlig, ICCC GA representative, referred to his Annual Report 1989/90 and said ICCC now had 86 Governors.

He drew attention to ICCC's Asian and DC Committees and particularly highlighted the Emergency Relief Committee which focussed on the application of computer communication to major emergencies such as earthquakes, explosions, etc. As mentioned at the Jerusalem Council Meeting, any IFIP Member Society, TC, WG, SG or individual interested in that issue was highly encouraged to contact the Committee Chairman, Dr. M. Silverstein/U.S.A. - a distinguished physician.

An international Workshop on "Computer Communication for DCs", New Delhi, 13-15 September 1989 had attracted 97 delegates including 16 from 13 DCs other than India. As a result, Working Groups had been formed to deal with 'Academic Networking' 'Agriculture', 'Banking', 'Healthcare' and 'Library Information Systems'. It had been decided to publish, twice annually, a CCDC Newsletter.

The ICCC 89 Symposium, Beijing, 18-20 September 1989 had attracted 117 participants from eleven countries. The Programme had included five invited presentations and 86 contributed papers.

Mr. Uhlig gave a briefing on future Conferences and activities as fully outlined in his Annual Report.

#### 13.4 EUROMICRO

#### 13.5 FACE

Mr. Fourot advised that no Annual Reports nor information had been received.

#### 13.6 IJCAII

Mr. Fourot drew attention to the Annual Report 1989/90 of Mr. Walker.

#### 13.7 VLDB ENDOWMENT

Mr. Fourot drew attention to the Annual Report 1989/90 of Mr. Bracchi.

#### 13.8 IMIA

Mr. Yacubsohn, IMIA Vice-President, said it was a pleasure for him to participate in the GA Meeting on behalf of the IMIA President, Mr. Willems.

He presented the Annual Report 1989/90 of Mr. Willems and drew attention to the transformation of IMIA from an IFIP SIG to an Affiliate Member - which had been approved by the IMIA AGM in Singapore on 9 December 1989. IMIA had decided to have its Seat in Geneva at the office of the IFIP Secretariat. The amendments of the Bylaws had been approved.

Due to unforeseen circumstances, "MEDINF0 89" had had to be split into two parts: the first part, as originally planned, in Beijing in October 1989 and the second in Singapore in December 1989. 675 people had been attracted to the Beijing part including the participation of 92 Western scientists from 32 countries. The Singapore part had been attended by over 750 people from 44 world-wide countries.

Mr. Yacubsohn advised that 'Decision Support' had received the most interest in Singapore with 'Clinical Systems' and 'Imaging' ranking second and third. Two gold medals had been awarded: one to an American and one to a group of Gambian scientists.

He gave a briefing on the Membership situation, including a change in the U.S.A. representation. The creation of WG 11 on "Dental Informatics" had been approved by the AGM in Singapore.

"MEDINFO 92" would take place in Geneva, 6-10 September 1992 with Messrs. Mandil (WHO) and Scherrer (IMIA) as respectively Programme and Organizing Committee Chairmen. Mr. Reijns queried if IMIA were dealing with 'PACS'\* and Mr. Yacubsohn advised that its WG 10 on "Hospital Information Systems" was working on 'PACS' which would be one of the principal items to be discussed at its next Conference. He felt it would be interesting to have people from IFIP working with IMIA and would follow up on the matter with the WG 10 Chairman who was located in The Netherlands.

The President asked Mr. Yacubsohn to convey his and IFIP's greetings to all IMIA people and looked forward to increasing IFIP/IMIA co-operation.

\*(Picture Archiving  
Comm. System)

#### 14. MEMBER SOCIETY REPORTS

Mr. Alvarez referred to his document and announced that 23 reports had been received which contained, as usual, valuable information on the activities of the different Societies.

He felt there were many actions to be taken by IFIP, but there was no appropriate body to steer same - maybe it should be an initiative of the ACTION Executive Board. One specific issue, which had been raised previously, concerned IFIP taking an interest in the domain of "Information for the Handicapped Persons". He felt that it should be decided upon by the Technical Assembly. There appeared to be enough experience in that field available amongst the Member Societies.

Mr. Alvarez gave a briefing on the various items extracted from the reports, as outlined in his document, and urged EB and TA to take heed of same.

#### 15. FUTURE MEETINGS

Mr. Fourot advised that the following Meetings had been approved by Council or GA:

- 1991 COUNCIL : Barcelona 4-8 March
- 1991 GA : Harare 2-6 September
- 1992 COUNCIL : Trondheim 2-6 March
- 1992 GA : Madrid in conjunction with C 92

Mr. Goldsworthy favoured holding the 1992 GA after the Congress as it would be a very appropriate opportunity for GA to discuss the Congress. Mr. Alvarez said that, from an organizing point of view, he would prefer that too. The President fully supported Messrs. Goldsworthy and Alvarez as did a number of other GA participants.

Mr Li Ye said he would be writing to officially invite the GA to Beijing in 1994. The President thanked Mr. Li Ye, but pointed out that it was the custom to hold GA Meetings alongside the World Congresses. In 1994, the Congress would take place in Hamburg.

Mr. Fairall said he was looking very much forward, as was his Society, to welcoming the GA to Harare next year. WG's 3.1 and 5.9 had indicated they were interested in holding Workshops in conjunction with the GA. Mr. Fairall said his Society would welcome other similar initiatives and requested interested parties to contact him or the Computer Society of Zimbabwe.

ACTION

He added that Zimbabwe was in the centre of a number of DCs and it was trying to form a Regional entity which he hoped would be in force by then. GA's presence was seen as a help in cementing that Group and it was hoped to have Observers at GA from some of the concerned countries.

Mr. Fairall underlined that all IFIP delegates would be able to enter Zimbabwe; his Society had received the confirmation in writing from the Government.

## 16. OTHER GENERAL ASSEMBLY BUSINESS

### 16.1 Congress 94

Mr. Brauer mentioned that preparations for C 94 in Hamburg had commenced.

### 16.2 Prof. Heinz Zemanek

The President said he would like to pass a Resolution in connection with the resignation of Prof. Zemanek as Chairman of the IFIP Commission for the History of IFIP and IP.

General Assembly unanimously PASSED the following Resolution. The President said he would inform Prof. Zemanek accordingly.

ACTION

"Whereas Prof.Dr. Heinz Zemanek had served IFIP with distinction and devotion for many years, as representative of Austria, fourth IFIP President, Chairman and Member of many IFIP Committees and other Groups, organizer of many IFIP events and Honorary Member;

**and** whereas he has recently resigned from his most recent positions in IFIP, the General Assembly of IFIP, meeting in September 1990 in Buenos Aires, expresses

- a. its regret at his resignation,
- b. its desire that he continue his participation in Council and General Assembly Meetings, and
- c. its hope that he continue to offer his wisdom to his friends and colleagues in IFIP."

### 16.3 IFIP Secretariat - Telex

Mr. Fourot announced that the Secretariat wished to cancel its telex facility at the end of the year on account of low usage.

### 17. CLOSING OF THE MEETING

Mr. Borges (representing CLEI) and Mr. Souza Neto (Brazil) both expressed their contentment at having been able to participate in the GA Meeting and discussions. They both gave very informative addresses regarding their respective regions and underlined their desire to have IFIP activity in Latin America and collaboration with Workshops, Lectures, Seminars, etc. It was noted that CLEI had two new Members - Mexico and Panama. The President thanked Messrs. Borges and Souza Neto for their presence.

The President said he had been received by the Secretary for Science and Technology of the Government of Argentina who had conveyed his greetings to all those present. He had been very interested in the work of IFIP. The President had thanked him in the name of the General Assembly for the great hospitality experienced in Buenos Aires.

Mr. Fourot said he would like to thank the SADIO staff which had been of great and amiable assistance during the Meetings - Florencia Cecchini and Pablo Mobillo.

The President again expressed IFIP's appreciation to Mr. Oliveros, Mr. Monteverde and Mrs. Suter for the delightful local arrangements.

He thanked all the participants for their contributions.

The Meeting was declared closed.