

COUNCIL and GENERAL ASSEMBLY MEETINGS  
New Delhi, India 7 - 9 September 1988

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## HIGHLIGHTS

### ELECTIONS

Bl. Sendov	(Bulgaria)	was elected President-Elect 1988/1989
J.H. Finch	(Canada)	was elected Vice-President for a three-year terra
A. Rolstadas	(Norway)	was elected Vice-President for a two-year terra
A.A. Verriijn-Stuart	(Netherlands)	was re-elected Trustee for a three-year term
A. Alvarez-Rodriguez	(Spain)	was elected Trustee for a three-year term
M. Ozeki	(Japan)	was elected Trustee for a three-year term

### IFIP COUNCIL COMPOSITION

A.W. Goldsworthy	(Australia)	President	(1986/1989)
Bl. Sendov	(Bulgaria)	President-Elect	(1988/1989)
G.J. Morris	(U.K.)	Vice-President	(1986/1989)
A. Melbye	(Denmark)	Vice-President	(1986/1989)
J.H. Finch	(Canada)	Vice-President	(1988/1991)
A. Rolstadas	(Norway)	Vice-President	(1988/1990)
J. Fourot	(France)	Secretary	(1987/1990)
P. Kovacs	(Hungary)	Treasurer	(1987/1990)
G. Sacerdoti	(Italy)	Trustee	(1986/1989)
L. Penedo	(Portugal)	Trustee	(1986/1989)
R. Iau	(SEARCC)	Trustee	(1986/1989)
H.W. Le Roux	(South Africa)	Trustee	(1987/1990)
A. Balasubrahmanian	(India)	Trustee	(1987/1990)
A.A. Verriijn-Stuart	(The Netherlands)	Trustee	(1988/1991)
A. Alvarez-Rodriguez	(Spain)	Trustee	(1988/1991)
M. Ozeki	(Japan)	Trustee	(1988/1991)

### RESPONSIBILITIES

A.W. Goldsworthy	Nominations Committees for Officers and Trustees, Congress Chairmen
Bl. Sendov	Technical Assembly
G.J. Morris	External Affairs
A. Melbye	Internal Affairs
J.H. Finch	Activity Management Board
A. Rolstadas	Technology
J. Fourot	IFIP Secretariat
P. Kovacs	Finances (in general), IFIP Secretariat

## HIGHLIGHTS

### RESPONSIBILITIES (cont'd)

G. Sacerdoti	Cognizant Officer for TC	2 and TC 5
L. Penedo	Cognizant Officer for TC	8
R. Iau	Cognizant Officer for TC	11
H.W. Le Roux	Cognizant Officer for TC	6
A. Balasubrahmanian	Cognizant Officer for TC	3 and TC 7
M. Ozeki	Cognizant Officer for TC	9 and TC 10

### IFIP COMMITTEE CHAIRMEN

#### Standing Committees

Activity Management Board	J.H. Finch
Technical Assembly	Bl. Sendov
Admissions Committee	R. Iau
Congress Guidelines Committee	A. Alvarez-Rodriguez
Developing Countries Support Committee	L. Penedo
Finance Committee	A.A. Verriijn-Stuart
IFIP Committee for International Liaison (ICIL)	R.I. Tanaka
Internal Awards Committee	J. Fourot
Marketing Committee	H.W. Le Roux
Publications Committee	A.A. Verriijn-Stuart
Site Evaluation Committee	A. Alvarez-Rodriguez
Statutes and Bylaws Committee	P.A. Bobillier
IFIP Conference Officer	G. Glaser
IFIP Publications Officer	K. Duncan
IFIP-UNESCO Liaison Officer	J. Fourot
IFIP Newsletter Editor	J.L. Rosenfeld

#### Ad Hoc Committees

Nominations Committee for Officers	A. Rolstadas
Nominations Committee for Trustees	G.J. Morris
IFIP Commission for the History of IFIP and IP	H. Zemanek

### ADMISSIONS

West African Regional Computer Society (WARCS)	- Full Member
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HIGHLIGHTS

**TECHNICAL COMMITTEES/WORKING GROUPS**

WG 3.3	(Re-established)	Research on Education Applications of Information Technologies
WG 8.5	(New)	Information Systems in Public Administration
WG 9.3	(New)	Home Oriented Informatics and Telematics - HOIT
WG 10.4	(Name change)	Dependable Computing and Fault Tolerance
WG 11.6	(Disbanded)	Multiparty Transaction Security
WG 11.7	(New)	Computer Security Law

**FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS**

Council and Related Meetings	- First Quarter 1989 - Geneva
General Assembly and Related Meetings	- Third Quarter 1989 - San Francisco
Council and Related Meetings	- First Quarter 1990 - Jerusalem
General Assembly and Related Meetings	- Third Quarter 1990 - Buenos Aires

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**COUNCIL MEETING  
NEW DELHI, INDIA  
7 September 1988**

ATTENDANCE

**COUNCIL MEMBERS PRESENT**

A.W. Goldsworthy	President
G. Glaser	Vice-President
Bl. Sendov	Vice-President
G.J. Morris	Vice-President
A. Melbye	Vice-President
J. Fourot	Secretary
P. Kovacs	Treasurer
P.-X. Guo	Trustee
A.A. Verriijn-Stuart	Trustee
G. Sacerdoti	Trustee
L. Penedo	Trustee
R. Iau	Trustee
J.H. Finch	Trustee
H.W. Le Roux	Trustee
A. Balasubrahmanian	Trustee

**OBSERVERS PRESENT**

P.A. Bobillier	Honorary Member
J.L. Rosenfeld	Newsletter Editor

**IN ATTENDANCE**

Gwyneth Roberts IFIP Secretariat - Geneva

**SECRETARIAT**

Ruth Lawson IFIP Secretariat - Geneva

R.P. Sharma Computer Society of India

J. Joseph T. Computer Society of India

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

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

2. APPROVAL OF AGENDA

Council unanimously **APPROVED** the Agenda, including two additional items: namely, the "trademark" and "visa" issues (discussed under Agenda item 4).

3. APPROVAL OF PREVIOUS COUNCIL MINUTES (C1 AUCKLAND 88)

**Mr. Fourot** said the PC Chairman and the PC Officer had queried the minuting of the decision made in respect of Springer (refer page 26 of the Auckland Minutes). The President confirmed that the minuting was correct as he had put forward the motion in question. He, however, added that the motion could be rescinded. The matter could be discussed with the PC Chairman in General Assembly.

Council unanimously **APPROVED** the Auckland Minutes.

4. EXECUTIVE BOARD REPORT

The President stated that rather than make an EB report, salient issues could be discussed as the relevant items came up in the General Assembly Meeting. However, Mr. Glaser would address the trademark question.

TRADEMARK

Mr. Glaser advised there was an organization in U.S.A. - the Interconvention Group - which in 1987 launched a series of Conferences called "The World Congress on Computing". Two had taken place (the most recent one in June 1988, Chicago) and the next one was planned for 1989 in the June time-frame either in New York or Atlanta. The AFIPS attorney had been consulted as to what steps should be undertaken in order to avoid confusion in the minds of the computer community, exhibitors, etc. between the IG event and IFIP's. We subsequently filed a trademark application in U.S.A., but, unfortunately, IG had already applied to register its service mark which was published in the "Trademark Gazette" on July 5. 1988. We wrote to IG, pointing out that their term was in conflict with ours and asked them to kindly cease using same; as expected, we received no reply.



One has so many days in which to raise an objection and we asked the authorities for an extension of that time period so that the issue could be discussed by the Executive Board as to the line of action to take. If their application were approved, they could come to us and say "you are not allowed to use your name in San Francisco in 1989"; to-date, they have not threatened to do so.

Mr. Glaser said EB had decided against filing an objection and, if IG did not pursue IFIP, IFIP would ignore IG because the likely cost involved, according to the attorney, would be in the region of \$50,000 to \$100,000. If IG pursued IFIP and obtained a Court injunction against the Federation, then IFIP might have to identify the Congress as "11th IFIP Congress". Mr. Glaser underlined that he was personally very concerned and would keep the Council informed on the issue.

Discussion ensued concerning registering the IFIP name, etc. in other countries and particularly in Switzerland, the headquarters country. . Mr. Glaser advised that service marks could not be registered in Switzerland - the IFIP Secretariat had investigated the matter and had received a formal letter from WIPO to that effect.

#### VISAS

The President remarked that everyone was aware of the requirements for a hosting country regarding the issuance of visas. With all due respect to CSI, he drew attention to the calvary of the Israelian and South African delegates before they finally received their Indian visas.

He added that if for any Meeting a Member could not obtain a visa, then there would not be any IFIP event arranged in that country for five years - ipso facto, without debate.

The President evoked that IAPR had cancelled a Meeting in Beijing (as Israeli delegates would not be admitted) and transferred same to Italy. As a consequence, China had withdrawn from IAPR.

In conclusion, the President said Mr. Fourot would consult with ICSU on the visa question and report back to the Council and the General Assembly. ACTION

#### ELECTIONS

The President announced that during the first session of the General Assembly Meeting, he would call for the reports of the Nominations Committees and nominees from the floor. The elections would be held the following morning so that he would subsequently have enough time to make various Committee Chairmen and Cognizant Officer appointments, etc.

#### 5. ACTIVITY MANAGEMENT BOARD/TECHNICAL ASSEMBLY

Mr. Glaser said he would defer the details of his report - concerning how AMB and TA had been constituted (in succession to the Activity Development Board) - to the General Assembly Meeting.

**Mr. Glaser** gave a briefing on the study effected by Messrs. Melbye (Vice-President - Internal/Finances), Kovacs (Treasurer), Verriijn-Stuart (Finance Committee Chairman) and himself on the matter of grants and loans and underlined that new accounting procedures to show a more accurate position of the situation would be implemented. In respect of the current fiscal (calendar) year, certain long-outstanding loans would be written off against the Contingency Fund as their presence in the Balance Sheet distorted the Assets figure.

**Mr. Verriijn-Stuart** indicated that an adequate financial mechanism was not available for the Technical Committee Chairman and, at the General Assembly Meeting, the Finance Committee would put forward some specific recommendations in order to aid all concerned parties. He confirmed that a revised Activity Planning Request form had been discussed during the Activity Management Board Meeting and the procedure would be implemented in the New Year.

Following suggestions of certain Council Members, the **President** felt the time had arrived whereby sanctions should be applied. He supported the view of **Mr. Morris** that new funding should not be given if financial reports for previous events had not been received within the required timeframe .

## 6. OTHER COUNCIL BUSINESS

### 6.1 Future Council Meetings

**Mr. Fourot** advised that IFIP had received two proposals to host the First Quarter 1990 Council Meeting; namely from Spain (Barcelona) and Israel (Jerusalem). No visa problems existed for either country.

**Mr. Morris** considered it would be a very good idea to hold the Meeting in Barcelona so that the participants could get a better feeling for the Society which would host Congress 92 in Madrid. The President felt IFIP should spread itself as much as possible and supported the invitation of Israel as IFIP would have its General Assembly Meeting in Spain at the time of the Congress 92.

**Mr. Glaser** supported the President's comments.

Council voted **IN FAVOUR** of holding the First Quarter 1990 Council and Related Meetings in Jerusalem, Israel and thanked the Member Societies of Spain and Israel for their kind invitations.

### 6.2 General Assembly Seminar, New Delhi (first half, last morning)

The **President** announced that EB had discussed and decided to break up the GA Members, TC Chairmen and other participants with an official function in IFIP into small Working Groups with Chairmen and Rapporteurs to discuss: "What is IFIP's mission?"; "What is IFIP's role?" and "What is IFIP trying to achieve?". Subsequent

to that exercise, a statement would be put together by Mr. Morris and circulated for discussion at the next Council Meeting (Geneva) and then to GA Members. At the San Francisco General Assembly Meeting, we would then have a very clear understanding of IFIP's mission. The **President** felt it was more appropriate and necessary to utilize the wisdom of those present at GA rather than to establish a small Task Group.

ACTION

### 6.3 Meeting of Member Society Presidents, San Francisco

**Mr. Le Roux** indicated that a suggestion had been raised by Mr. Morris during the Marketing Committee Meeting; namely to invite the Member Society Presidents to attend the San Francisco Congress and to participate in a "special meeting" of 2-3 hours within its framework. They would then have a better idea of what IFIP was all about and we could listen to their points of view in respect of further collaboration, etc.

**Mr. Le Roux** added that the Marketing Committee had to identify its target markets. As major manufacturers/suppliers supported IFIP, he felt thought should be given to holding a Presidential reception for local suppliers during Congress 89.

The President strongly favoured the suggestion of a meeting of IFIP Officers with Member Society Presidents and requested the Marketing Committee to draft a letter for his signature.

ACTION

Mr. Glaser liked the idea of uniting the Presidents and stated that the Congress organizers had plans for a reception where they would get together the 11 Presidents of AFIPS with Officers and dignitaries of IFIP.

Mr. **Penedo** underlined the importance of arranging this cross-channel dialogue and the Council participants **CONCURRED**.

### 7. CLOSING OF MEETING

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

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**GENERAL ASSEMBLY MEETING**

New Delhi, India - 7-9 September 1988

ATTENDANCE

**OFFICERS PRESENT**

A.W. Goldsworthy	President	Australia
G. Glaser	Vice-President	U.S.A.
Bl. Sendov	Vice-President	Bulgaria
G.J. Morris	Vice-President	U.K.
A. Melbye	Vice-President	Denmark
J. Fourot	Secretary	France
P. Kovacs	Treasurer	Hungary

**MEMBERS PRESENT**

H. Monteverde		Argentina
H. Schauer *		Austria
J.H. Finch		Canada
P.-X. Guo		China
M. Tienari		Finland
W. Brauer		F.R.G.
A. Balasubrahmanian		India
A. Shubber *		Iraq
D. Dolan		Ireland
M. Gottlieb		Israel
G. Sacerdoti		Italy
M. Ozeki		Japan
A.A. Verriijn-Stuart		The Netherlands
S.B. Jaiyesimi		Nigeria
L. Penedo		Portugal
H.W. Le Roux		South Africa
A. Alvarez-Rodriguez		Spain
K. Bauknecht		Switzerland
A.A. Dorodnicyn		U.S.S.R.
G.R. Fairall		Zimbabwe
R. Iau		SEARCC
H. Zemanek	Honorary Member	
P.A. Bobillier	Honorary Member	
H. Freeman	Affiliate Member	IAPR
P.P. Gupta **	Affiliate Member	ICCC

\* (with Proxy of - P. Knezu - H. Aboud) \*\* (representing P.H. Enslow)

**MEMBERS REPRESENTED BY PROXY**

J.E.D. Navez	Belgium	A.A. Verrijn-Stuart
L. Unkovsky	C.S.S.R.	A.A. Dorodnicyn
N.J. Lehmann	G.D.R.	Bl. Sendov
C.J. Potter	New Zealand	A.W. Goldsworthy
A. Rolstadas	Norway	A. Melbye
T.-L. Wee	Singapore	R. Iau
K. Hernaes	Sweden	A. Melbye
J.A. Pino	CLEI	A. Alvarez-Rodriguez
S. Kaihara	IMIA	A. Melbye

**MEMBERS ABSENT**

A.E. Sarhan	Brazil	
N. Dimitriadis	Egypt	
Z. Bubnicki	Greece	
M.B. Mounajed	Poland	
F. Kamoun	Syria	
I.L. Auerbach	Tunisia	
R.I. Tanaka	Honorary Member	
J. Brosveet	Honorary Member	IASC
J. Tiberghien	Affiliate Member	EUROMICRO
I. Harvey	Affiliate Member	FACE
D.E. Walker	Affiliate Member	IJCAII
J. Bubenko	Affiliate Member	VLDB

**TECHNICAL COMMITTEE CHAIRMEN PRESENT**

W. Brauer	TC 3 (GA Member)
R.P. Uhlig	TC 6
H. Sackman	<b>TC</b> 9
G.L. Reijns	TC 10
W.J. Caelli	TC 11

**TECHNICAL COMMITTEE CHAIRMEN ABSENT**

R.E.A. Mason	TC 2
A. Rolstadas	TC 5
M. Lucertini	TC 7
G. Bracchi	TC 8

**COMMITTEE CHAIRMEN PRESENT**

S.S. Yau	Congress 89 OC
H. Gallaire	Congress 89 PC

**OBSERVERS PRESENT**

H.S. Sonawala	President, Computer Society of India (CSI)
R.K. Datta	Vice-President, Computer Society of India (CSI)
Y.N. Reddy	Chairman, CSI Delhi Chapter
R. Narasimhan	India - Ex-GA and Individual Member
S.K. Sengupta	Local Co-ordinator, Computer Society of India
Karen Duncan	Publications Officer
J.L. Rosenfeld	IFIP Newsletter Editor
E. Fredriksson	PC Member
Stephanie Smit	Elsevier/North-Holland Pub. Co.
Gloria Karlmark	MC - Member
Rosa Alonso	C 92 OC
A. Eskenasi	Assistant to Bl. Sendov
K. Takeda	Assistant to M. Ozeki
T. Ogino	Assistant to M. Ozeki
Y.R. Karunaratne	SEARCC Member

**IN ATTENDANCE**

Gwyneth Roberts	IFIP Secretariat - Geneva
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**SECRETARIAT**

Ruth Lawson	IFIP Secretariat - Geneva
R.P. Sharma	)
Joseph T.	)
A. Natarajan	) Computer Society of India
Monica Nagpal	)
N. Srinivasa Raghavan	)
B.B. Arora	)



1. CALL MEETING TO ORDER

The **President** opened the General Assembly Meeting and welcomed all participants and the Honoured Guest - Mr. Nambiar, Secretary, Department of Electronics, Government of India. He expressed his appreciation to the Hosting Society, Computer Society of India (CSI), for the superbly efficient arrangements and delightful hospitality.

He gave the floor to **Mr. Balasubrahmanian**, the CSI IFIP GA representative, who recalled that India had become a Member of IFIP in 1974 and had hosted a Council Meeting in Bombay in 1978.

**Mr. Balasubrahmanian** introduced the CSI President, Mr. Sonawala, the CSI Vice-President, Mr. Datta and Mr. Reddy, CSI Delhi Chapter Chairman. **Messrs. Sonawala, Datta and Reddy** addressed the invitees with welcoming words and a briefing on CSI. A copy of the first issue of "CSI Digest" (a monograph of selected articles from IFIP publications and other sources) and a special issue of "CSI Communications" dedicated to IFIP (highlighting 15 years of fruitful CSI/IFIP partnership, etc.) were handed over to the President and other dignitaries.

**Mr. Nambiar** gave a forceful rendering of the considerable amount of development work taking place in India in the field of Information Technology.

On behalf of everyone present, the President stated that IFIP was extremely impressed by the comments of Mr. Nambiar and the progress being made in India. He thanked Mr. Nambiar for having made the time available to address the General Assembly and other guests and wished him well for the future.

The **President** expressed his admiration of the CSI publications which had just been presented.

The President then declared the Working Session open.

He introduced the new GA representatives: Messrs. Dolan/Ireland, Ozeki/Japan and Fairall/Zimbabwe and was extremely pleased that Mr. Narashimhan -previous Indian GA representative and Individual Member - had been able to attend. He underlined the important role Mr. Narasimhan had played in IFIP activities.

Mr. Fourot announced that proxies had been received

from: in favour of

Mr. KNEZU	-	Austria	Mr. SCHAUER
Mr. NAVEZ	-	Belgium	Mr. VERRIJN-STUART
Mr. UNCOVSKY	-	C.S.S.R.	Mr. DORODNICYN
Mr. LEHMANN	-	G.D.R.	Mr. SENDOV
Mr. ABOUD	-	Iraq	Mr. SHUBBER
Mr. POTTER	-	New Zealand	Mr. GOLDSWORTHY
Mr. ROLSTADAS	-	Norway	Mr. MELBYE
Mr. WEE	-	Singapore	Mr. IAU
Mr. HERNAES	-	Sweden	Mr. MELBYE
Mr. PINO	-	CLEI	Mr. ALVAREZ-RODRIGUEZ
Mr. KAIHARA	-	IMIA	Mr. MELBYE

Excuses had been received from Messrs. Dimitriadis/Greece, Bubnicki/Poland, Mandzik/Yugoslavia, Auerbach/Honorary Member, Tanaka/Honorary Member, Brosveet/IASC, Enslow/ICCC (who would be represented by Mr. Gupta), Bridges/FACE, Walker/IJCAII, Bubenko/VLDB Endowment, Mason/TC 2 Chairman and Bracchi/TC 8 Chairman. Mr. Rolstadas/TC 5 Chairman had had to leave India precipitately following the Related Meetings.

**Mr. Fourot** regretted that no news had been forthcoming from the GA Members for Brazil (new representative still to be announced despite several requests addressed to the Member Society), Cuba, Egypt, Korea, Syria and Tunisia, Affiliate/EUROMICRO, nor from the TC 7 Chairman - Mr. Lucertini.

## 2. APPROVAL OF AGENDA

General Assembly unanimously **APPROVED** the Agenda after taking note that the Activity Development Board and Task Force Group items had been transformed to Activity Management Board and Technical Assembly (refer to the President's letter of July 1988 "Meeting The Challenge" sent to GA Members and TC Chairmen). The **President** advised that on the first half of the last morning of the Meeting, a GA Seminar would take place (as outlined under Agenda item 8.2 of the New Delhi Council Minutes).

## 3. APPROVAL OF PREVIOUS MINUTES (GA BUDAPEST 87)

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

- page 41, last paragraph should read "**Mr. Glaser** said ADB recommended that the TC budget presented to the Treasurer be endorsed by GA."
- page 49, item 12.6 - clarification; the funding approved was indeed a 'grant' and not a 'loan'.

## 4. PRESIDENT'S REPORT

**The President** drew attention to his Annual Report 1987/88 and stated that he would spend the next twelve months on philosophical issues. There were one or two issues of concern: namely, finances and publications. He also referred to the letters he had mailed out prior to the GA Meeting entitled "Meeting The Challenge", "Our Mission" and "Personal Membership". The **President** advised that other matters would be addressed by him under the concerned Agenda items.

5. SECRETARY'S REPORT

**Mr. Fourot** referred to point (1) of his report (SECR.-1) and subsequent Addendum. As a consequence, he withdrew his proposal to discontinue the Membership of Egypt and Yugoslavia.

**Mr. Fourot** advised that Mme Goerg, who had been hired the previous year to fill the new position of Assistant to the Administrative Manager, had had to resign for family reasons - which was deeply regretted. However, Mme Roberts had succeeded in selecting a very competent successor - Mme Lawson, who he presented to the GA participants.

**Mr. Fourot** informed that he had been contacted by the International Economic Association which sought an affiliation with IFIP. He had reported to the Executive Board and - considering that IEA's aims were far removed from IFIP's interests - EB had decided not to pursue the matter, and Mr. Fourot would thus advise IEA accordingly.

ACTION

**Mr. Fourot** stated he had attended the 16 July 1988 FIACC Meeting in Paris on behalf of the President where the question of joint and co-sponsored events had been discussed. Considering the large number of IFIP events covering a wide scope, he had indicated the normality of the low percentage of IFIP co-sponsorship compared to the Sister Federations. **Mr. Fourot** announced that Mr. Striker, Honorary Secretary of FIACC, would retire in 1988 and be succeeded by Mrs. Havilla (also located in Budapest).

Mr. Fourot drew attention to his updated 'Continuing Action List', of 15 August 1988, (SECR.-2), and requested feed-back from concerned parties in order to make it current.

ACTION

6. MAJOR EVENTS

6.1 IFIP Congress 89, 28 Aug. - 1 Sept. 1989, San Francisco

6.1.1 Organizing Committee

Mr. **Yau** presented his Status Report dated 30 August 1988 outlining the completion of arrangements, etc. He encouraged everyone to register early in order - if desired - to also benefit from the peripheral activities which could cater for up to a certain number of participants.

Mr. **Yau** gave a briefing on the various hotel accommodations and advised that the General Assembly and Related Meetings, which would follow Congress 89, would take place in the Congress headquarters hotel - Westin St. Francis.

The Congress 89 Preliminary Programme was distributed to all GA participants and it was considered that the IFIP logo should be more in evidence on future publicity.

ACTION

Mr. **Yau** drew attention to a two-page financial report, dated 31 August 1988, giving a comparison of actual to budgeted expenses for the Congress planning activity. He advised that a conservative approach had been adopted and the envisaged attendance of 2,000 delegates had been reduced to 1,600. As to the Exhibition, it was expected to rent out 150 booths. Mr. **Yau** gave a briefing on the budget cuts in various categories, including publicity. He, however, confirmed that the complete Congress Programme would be mailed out in March/April 1989.

In conclusion, Mr. **Yau** considered that Congress 89 would not run into any risk and would, hopefully, make a surplus.

The **President** thanked Mr. Yau for his comments, but pointed out that the prerequisite in budget presentation was an indication of the variances between the latest estimate and the original forecast.

ACTION

**Mr. Verrijn-Stuart** asked if it would be possible for Mr. Yau to present at the next Council Meeting an estimation of the surplus foreseen for IFIP (in Swiss Francs) in the following range: pessimistic, expected, optimistic.

Mr. Finch underlined the importance of the Exhibition which could bring in a healthy amount of income.

#### 6.1.2 Programme Committee

Mr. Gallaire referred to his Annual Report 1987/88 and underlined that PC had attempted to have a better cooperation with the Technical Committees and, in some ways, had succeeded. PC had had the participation of TCs in setting up the Programme and there would be a few individual events linked to the Congress. He added that approximately one-third of the Invited Speakers and Responders came from industry and quite a few from University Centres working together with industry (factory automation, etc.).

Mr. Gallaire elucidated on the Programme and underlined the fine cooperation between OC and PC. In respect of the publicizing of the Congress, he appealed to the Member Societies to highlight the event in all their Newsletters, etc., etc., and make stern efforts to publicize the Congress on any occasion. **Mr. Sendov** stressed the importance of making everyone aware of the Congress.

A long discussion ensued on the publicization of the Congress and the Technical Programme. Mr. **Yau** advised that in the SEA area, he could obtain free advertisement which would address an audience of over 30,000.

The **President** said he would send a letter (prepared by OC/PC) to all Member Society Presidents, requesting their collaboration to publicize the Congress at every given opportunity.

The **President** gave thanks to Messrs. Yau and Gallaire for all their efforts to make Congress 89 a highly successful event.

6.2 MEDINFO 89, 16 - 20 Oct. 1989, Beijing

**Mr. Melbye**, IMIA Cognizant Officer, advised that approximately 1,000 participants were expected at Medinfo 89. IMIA had implemented a scheme whereby 10% of the registration fees and 5% of the exhibition fees would be treated as the surplus. The Programme Committee had received many responses to the Call for Papers and all augured-well.

6.3 WCCE 90, July 1990, Sydney

**Mr. Brauer** referred to his Annual report and underlined that the Programme Committee had over thirty Member nation representatives. The Scope of the Programme would stress the diversity of ways computers interacted with learning. Excellent support for WCCE 90 was being received in Australia. He drew attention to the pre-and post-Conference Workshops on "National Perspectives" and "Advanced Research" which would take place in respectively New Zealand and Japan.

6.4 IFIP Congress 92, 31 Aug. - 4 Sept. 1992, Madrid

**Mr. Alvarez-Rodriguez** referred to his report (C92 OC-1) and advised that the IFIP Member Society for Spain had nominated Mrs. Alonso for the Chair of IFIP 92 Organizing Committee. He introduced Mrs. Alonso to the GA participants and the **President** stated he had pleasure in confirming her appointment. General Assembly **APPLAUDED** Mrs. Alonso.

**Mr. Alvarez-Rodriguez** informed that negotiations were underway in an attempt to move forward the date of the annual SIMO Exhibition (the largest in Spain) to coincide with Congress 92. It was envisaged that SIMO would attract over 200,000 visitors in 1992.

7. ELECTIONS

7.1 Nominations Committee - Officers

**Mr. Melbye** referred to the NCO letter of 28 June 1988 distributed to Full GA Members recommending that Mr. Sendov be elected as President and Messrs. Finch and Rolstadas as Vice-Presidents. In the meantime, Mr. Penedo had been nominated as a Vice-President candidate by three GA Members. **Mr. Iau** proposed that Mr. Le Roux also be nominated - which was supported by Messrs. **Penedo** and **Jaiyesirai**.

General Assembly **ELECTED** Mr. Sendov/Bulgaria as President for a three-year term (1989-1992). He would, therefore, serve as President-Elect (1988-1989).

General Assembly **ELECTED** Mr. Finch/Canada as Vice-President for a three-year term (1988-1991).

General Assembly **ELECTED** Mr. Rolstadas/Norway as Vice-President for a 'replacement' two-year term (1988-1990).

## 7.2 Nominations Committee - Trustees

**Mr. Morris** referred to the NCT letter of 15 July 1988 distributed to Full GA Members nominating Messrs. Alvarez-Rodriguez, Jaiyesirai and Verriijn-Stuart as Trustees. In the meantime, Messrs. Brauer and Ozeki had been nominated.

General Assembly **RE-ELECTED** Mr. Verriijn-Stuart/Netherlands as Trustee for a three-year term (1988-1991).

General Assembly **ELECTED** Mr. Alvarez-Rodriguez/Spain and Mr. Ozeki/Japan as Trustees for a three-year term (1988-1991).

The **President** congratulated the elected candidates who were **APPLAUDED** by the General Assembly. He sincerely thanked all those who had allowed their names to be put forward.

The **President** also thanked Messrs. Glaser and Guo who had completed their terms (and not eligible for re-election) as respectively Vice-President and Trustee.

## 8. FINANCES

### 8.1 1987 Audited Accounts

**Mr. Kovacs** referred to his Annual Report 1987/1988 and drew attention to TREAS-1 (Statement of Receipts and Expenditures for 1987 and Balance Sheet as of 31 December 1987) which showed net assets at the end of 1987 of SFr. 681,569.88. Total expenses for 1987 amounted to SFr. 620,902.55 against an income of SFr. 338,162.38.

A substantial part of the loss in 1987 (almost SFr. 80,000) actually concerned 1986, but had not been included in the 1986 figures due to some misunderstandings between the London bank handling IFIP's investments and the auditor then responsible **for**

IFIP's accounts. Also, some provisions and the transit account had not been properly reflected. Therefore, the operating result was a deficit of SFr. 119,000 for 1987 compared to a deficit of SFr. 126,000 for 1986. **Mr. Goldsworthy** said that the whole matter had been discussed in Executive Board and he wished to place on record the tremendous amount of work undertaken by Mr. Melbye (Vice-President - Internal Affairs) to clarify the financial situation.

He had produced very detailed reports following various meetings and discussions with Mr. Kovacs and Mr. Verrijn-Stuart (Finance Committee Chairman).

**Mr. Kovacs** presented TREAS-2 (Auditor's Report).

Following a long discussion with further explanations, General Assembly **APPROVED** TREAS-1 and TREAS-2.

8.2 1988 Statement to 30.6.88

**Mr. Kovacs** advised that the first half-year results had been incorporated in TREAS-4A (IFIP Accounts 1987-89, dated 24 August 1988).

8.3 DUES Situation

**Mr. Kovacs** presented TREAS-3 (Membership Dues Position as at 26.8.88) and urged the GA Members to get their Member Societies to pay the Dues as early as possible every year. He said a more rigid follow-up on outstanding Dues would be implemented.

ACTION

It was noted that the 1988 Dues should bring in an income of SFr. 221,300. Discussion ensued on the probability of raising the Dues and in which manner. Finally, **Mr. Morris** moved that, effective 1 January 1989, there should be a general increase of 10% in the Dues and that the Finance Committee should undertake a thorough review of same.

ACTION

General Assembly **ADOPTED** the motion.

Mr. Kovacs said he would confirm the decision in writing to the Member Societies.

ACTION

8.4 INVESTMENTS

This subject was discussed under Agenda item 12.4 - Finance Committee.

8.5 CURRENT BUDGET

**Mr. Kovacs** recalled the President's concern regarding the IFIP finances which had led him to write to everyone on 20 January 1988. The 1988 GA Approved Budget (distributed on 27 November 1987) was consequently re-examined by the Executive Board and those responsible for the finances (Messrs. Melbye, Verrijn-Stuart and himself).

Serious cost-cutting factors were considered and a new Budget was presented at the Auckland Council Meeting, early March 1988.

**Mr. Kovacs** advised that the Council had unanimously adopted the proposed revisions and the revised Budget - known as the "1988 Authorized Budget" was mailed out to everyone at the end of March 1988 with an explanatory covering letter by himself and detailed comments by Mr. Melbye. (One of the revisions was the suppression of the IFIP Information Bulletin in 1988 and the Secretariat's budget had been adjusted accordingly.)

Mr. Kovacs pointed out that the Council was able to take such an action in accordance with the authority allowed it per Statute 4.2.2 and Standing Order 3.1.3.

In conclusion, Mr. Melbye said his overall prediction was that IFIP might end up for 1988 around 'zero' instead of with a SFr. 36,000 deficit.

#### 8.6 1989 PROPOSED BUDGET

Mr. Kovacs said the main goal was to present a very realistic Budget and every Budget-holder had been asked to inform him in respect of 1989 requests.

He presented TREAS-4 giving comments by himself and Mr. Melbye on the presentation of Budget 1989.

Mr. Kovacs then drew attention to TREAS-4A giving the 1989 Budget figures requested and the 1989 Proposed Budget figures.

Following discussion, the **President** moved that the 1989 Proposed Budget be approved with the comment that everyone should realize that we have to be very careful in our handling of the expenditures.

General Assembly **APPROVED** the 1989 Proposed Budget, with two abstentions.

(A cleaned-up copy of the Budget was, subsequently, mailed out to everyone from Mr. Kovacs on 22 December 1988.)

#### 9. ACTIVITY MANAGEMENT BOARD

**Mr. Glaser** recalled the restructuring which had been implemented thus leading to the Activity Development Board (ADB) being renamed the Activity Management Board (AMB) with a new Charter (Annexe I) and a smaller membership. (Refer to the President's letter of July 1988 to GA Members and TC Chairmen entitled "Meeting the Challenge".)

**Mr. Glaser** advised that AMB had met earlier in the week, and drew attention to his AMB report to GA participants as well as to his ADB Annual Report 1987/88.



#### APPROVED EVENTS

**Mr. Glaser** said AMB's primary mission was to review and approve proposed events. In the past twelve months, AMB(ADB) had approved 32 IFIP events plus 18 co-sponsored events as listed in his report to the GA. The total figure was similar to that of the previous year.

He recalled the two TC 2 proposed State-of-the-Art Seminars: the one organized by WG 2.2 "Formal Description of Programming Concepts" would now most likely take place in Rio de Janeiro, 18 - 27 April 1989; the other organized by WG 2.6 "Database Principles and Practice" was envisaged to be held in Pune, India, December 1988.

TC 2 had put a lot of effort- into the organization of same and there would be publications. If the Seminars were successful, they could probably be repeated elsewhere.

(Kindly note that the TC events approved in New Delhi were also listed in the AMB report.)

#### LOANS AND GRANTS

ADB had worked very closely with the FC Chairman, Mr. Verrijn-Stuart, on the matter of loans and grants. The financial control over same had improved and ADB/FC were working hard to make it even better. A number of long-outstanding loans were on the IFIP books as 'Assets'; it was realized a number of them could not be paid back and they would be written off against the Contingency Fund.

**Mr. Glaser** then gave a briefing on the monies ADB(AMB) had disbursed in 1988 for events and ADB's allocation plans for the forthcoming fiscal (calendar) year.

#### CO-SPONSORSHIP of NON-IFIP EVENTS

**Mr. Glaser** said that when ADB agreed to IFIP co-sponsorship of a non-IFIP event, it would duly notify the GA Member in the event-country to make him aware of same. ACTION

#### INCOME FROM EVENTS

**Mr. Glaser** recalled that, at its 1988 Auckland Meeting, the Council had adopted the proposition of the TC 6 Chairman, Mr. Uhlig, whereby all TC 'Open' events should aim at guaranteeing a SFr. 5,000 surplus. ACTION  
The TC Chairmen had again been reminded of that directive.

**Mr. Reijns**, TC 10 Chairman did not favour a fixed amount. He felt it would be more appropriate to establish a percentage figure as large Conferences would probably result in a large surplus and a small Conference in a small surplus. **Mr. Melbye** proposed that Mr. Reijns' suggestion be examined by the Finance Committee. He favoured the principle of a percentage versus a fixed amount. ACTION

**Mr. Tienari** considered it would be a good idea to see how individual TCs contributed to the income of IFIP. **Mr. Glaser** replied that, in the Treasurer's Report, a first attempt had been made to do exactly that and showed what Royalties had been generated by each TC, loans outstanding, grants taken up, etc.

IFIP LOGO

**Mr. Glaser** again called on TC Chairmen and all concerned parties to ensure that the IFIP Logo was not 'mistreated'.

ACTION

CONFERENCE OFFICER

**Mr. Glaser** advised that the Conference Officer, Mr. Navez, had been unable to attend the New Delhi Meetings. He presented the IFIP 6-Year Plan (edition 1 September 1988) which had been painstakingly prepared by Mr. Navez.

## 10. TECHNICAL COMMITTEES

Full details of the TC activities are to be found in the 1987/1988 TC Annual Reports. Hereunder are listed action points and decisions, etc.

### 10.1 TC 2 (PROGRAMMING)

**Mr. Sacerdoti**, Cognizant Officer, conveyed the apologies of Mr. Mason, TC 2 Chairman, for not being in attendance and presented the latter's report.

**Mr. Sacerdoti** said TC 2 had held its last meeting (35th) in Munich, 29 - 30 March 1988. Tunisia and China had now become members of TC 2. He had attended the meeting and discussed the upcoming Review.

**Mr. Sacerdoti** referred to the two TC 2 (WG 2.2, WG 2.6) Seminars (refer Agenda item 8-APPROVED EVENTS) and said there had been some discussion re the publishing of the Proceedings. As Elsevier/North-Holland had only proposed to cater for one Seminar, Springer had been approached to handle both, but a contract had not yet been signed.

**Mr. Fourot** underlined that IFIP's publishing procedure had not been adhered to. **Mrs. Duncan** added there would be no Royalties. The **President** said he would not be prepared to sign a contract with zero Royalties coming out of a State-of-the-Art event.

The **President** requested the Publications Committee, following the GA Meeting, to write to every TC Chairman laying down the requirements in respect of publishing contracts. Any contracts which were not in line would not be recognized by IFIP.

To avoid using up the GA time, the **President** suggested that the issue of the TC 2 State-of-the-Art Seminar publishing contracts and question of pre-prints (raised by **Messrs. Monteverde** and **Balasubrahmanian**) be discussed outside of the Meeting.

ACTION

As **Mr. Mason** had been unable to attend to all his duties (he had not attended the previous GA Meeting either), he had decided to step down.

Mr. Poole/Australia had been nominated Chairman-Elect and it was recommended that he take over the Chairmanship at TC 2's next meeting in January 1989.

General Assembly **NOTED** that Mr. Poole's nomination was being confirmed by the President.

**Mr. Sacerdoti** announced that WG 2.1 (Algol) was thinking of changing its name.

#### 10.2 TC 3 (EDUCATION)

**Mr. Brauer** referred to his Annual Report and highlighted the TC 3 25th Anniversary celebration which had taken place in conjunction with "ECCE 88", July 1988, Lausanne.

**Mr. Brauer** advised that just over 600 participants from 44 countries had attended "ECCE 88" against an expected figure of 1,000. This had created a financial situation. **Mr. Bobillier** stated that the registration fee (SFr. 300) had been too low, but the limit had been imposed by the General Assembly. He also added that the publicization of the Conference had not been properly effected; in some countries the Call for Papers and later documents had not been distributed which must have had an immediate effect on the number of participants. As a result, **Mr. Brauer** said that TC 3 would raise the registration fee for its World Conference "WCCE 90" and revise the budget.

**Mr. Brauer** considered that "ECCE 88" may have **been** too general an event. He, nevertheless, felt that the Proceedings would bring in some good Royalties. He particularly thanked the Swiss organizers and the Editors of the Proceedings.

The 25th Anniversary included a round-table discussion devoted to TC 3's history and future, and a festive dinner uniting current and former members of TC 3 and its WG's as well as some special invitees. A tremendous job had been done by Messrs. Lewis and Tagg in producing a 25th Anniversary Anthology "Informatics and Education" which was on sale at "ECCE 88".

"ECCE 92" would be a sub-Conference to the IFIP World Congress.

**Mr. Brauer** mentioned that TC 3 had tried to reduce applying for grants by asking, for example, industrial concerns to finance its events.

**Mr. Brauer** said TC 3 had decided to re-establish WG 3.3 with a new title, Scope and Aims and, accordingly, sought the approval of GA. The proposed Chairman was Mr. Lewis/U.K.

General Assembly unanimously **APPROVED** the re-establishment of WG 3.3 with the title (Research on Education Applications of Information Technologies), under the Chairmanship of Mr. Lewis, with the following Scope and Aims:

SCOPE

Following years of experimental use and pragmatic research, new opportunities and priorities for research present themselves. These opportunities encompass technology-led aspects (e.g. software environments, communications, artificial intelligence tools) as well as human-focussed issues (e.g. teacher-learner-machine interaction, development psychology) and educational systems issues (e.g. process and learning evaluation).

AIMS

- to provide a forum to identify issues and priorities for research;
- to map research policies arising from the differing cultures in IFIP Member countries;
- to stimulate fundamental research which informs and underpins future developments;
- to seek ways to foster collaborative international research;
- to join with other WG's and TCs in sector (and discipline) focussed analysis of research priorities.

**Mr. Brauer** sorrowfully announced that Mr. Tagg had passed away on 23 July 1988. He had been one of the most active and fruitful contributors to TC 3 activities and Editor or Co-Editor of many Conference Proceedings, including "ECCE 88" and the "25th Anniversary Anthology".

In conclusion, **Mr. Brauer** stated that the next TC 3 meeting would take place in Reykjavik, Iceland from 25 - 27 June, 1989.

10.3 TC 5 (COMPUTER APPLICATIONS IN TECHNOLOGY)

**Mr. Sacerdoti**, Cognizant Officer, advised he was presenting the report of the TC 5 Chairman, Mr. Rolstadas, who had had to leave New Delhi precipitately.

He referred to the TC 5 Annual Report and it was noted that TC 5 had held its last meeting (27th) in Dresden, 13 June 1988 with a very good attendance. The next TC 5 meetings were scheduled for 9 May 1988 in Barcelona **and** 1 October 1989 in Tokyo.

**Mr. Sacerdoti** mentioned that the TC 5 Review had been completed. In general, many of the recommendations were already being implemented. However, TC 5 did **not share the** suggestion of re-

ducing its request for grants. It usually asked for grants of SFr. 3,000 because the events resulted in Proceedings which generated rather large Royalty amounts.

It was pointed out that ADB had approved a grant of SFR. 3,000 for each of the Working Conferences (5) - outlined in the TC 5 Annual Report under point 9.

**Mr. Sacerdoti** advised that Mr. Tipnis/U.S.A. had succeeded Mr. Musgrave/U.K. as Chairman of WG 5.8.

Mr. Rolstadas would be retiring as the Chairman of TC 5 following the GA Meeting and had asked **Mr. Sacerdoti** to thank the GA on his behalf for the confidence he had received during his term of office. **Mr. Sacerdoti** wished the GA to recognize the wonderful work which had been done by Mr. Rolstadas.

General Assembly gave a **VOTE OF THANKS** to Mr. Rolstadas.

**Mr. Sacerdoti** informed that Mr. Rolstadas would be succeeded by Mr. Tomljanovich/Italy whose appointment had been confirmed.

#### 10.4 TC 6 (DATA COMMUNICATION)

**Mr. Uhlig** referred to his Annual Report and advised that the last meeting (30th) of TC 6 had taken place in Sofia, 12 - 13 May, 1988.

He advised that he had been re-elected in Sofia to serve a second term as TC 6 Chairman for the three calendar years 1989-1991. In addition, a process had been started to select a TC 6 Vice-chairman. The result would probably be known at the 31st meeting scheduled for 2 - 3 October 1988 in Singapore.

Iraq, New Zealand and Zimbabwe had joined TC 6, but, unfortunately, it had had to drop the Greek representative.

Mr. Uhlig gave a briefing on the intent of TC 6 to establish a "TC 6 Award" which would in no way be in conflict with the newly-established IFIP Award. The matter had been fully discussed with Mr. Sendov (who was the instigator of the IFIP Award) during the Sofia TC 6 meeting.

The Award (a maximum of two) would be given no more than once in any two-year period and would carry a monetary award of no more than SFr. 20,000. The first Awards might not include any money, to allow time for fund-raising.

TC 6 had appointed an Award Committee of seven persons (four from TC 6 and three well-known international experts) under the Chairmanship of Mr. Szentivanyi of the Hungarian Member Society.

As advised at the 1988 Auckland Council Meeting, Mr. Rudin/Switzerland had succeeded Mr. Sunshine/U.S.A. as Chairman of WG 6.1. **Mr. Uhlig** wished to place on record TC 6's sincere appreciation of Mr. Sunshine's years of service.

In conclusion, Mr. **Uhlig** drew attention to the success of TC 6's activity with Developing Countries - as outlined in his Annual Report.

#### 10.5 TC 7 (SYSTEM MODELLING AND OPTIMIZATION)

Mr. Balasubrahmanian, Cognizant Officer, said he had received the 1987/88 Annual Report of the TC 7 Chairman, Mr. Lucertini, by fax at the very last minute (refer document TC 7-1). Prior to that, he had produced a Cognizant Officer Report based on communications received from the WG Chairmen via the IFIP Secretariat (document TC 7-2). The two documents included details on past and future activities.

TC 7 had held its last meeting in Tokyo on 1 September 1987 and its next meeting was scheduled for 26 September 1988 in London where a new TC 7 Chairman would have to be elected.

Mr. **Balasubrahmanian** advised that Iraq had nominated a representative to TC 7, and the following Officer changes had taken place in WG 7.3:

- Mr. Reiser had succeeded Mr. Sevcik as Chairman
- Mr. Lavenberg had succeeded Mr. Reiser as Vice-Chairman
- Mr. Boxma had succeeded Mr. Lavenberg as Secretary

Mr. **Balasubrahmanian** stated that, on the whole, TC 7 had been most active and the Review Committee had appreciated the work going on in TC 7.

Mr. Glaser requested Mr. Balasubrahmanian to ask the WG Chairmen to re-confirm their activity plans to ensure that ADB had an accurate record as there appeared to be some discrepancies. ACTION

Mr. Balasubrahmanian confirmed that the publications policy would be discussed at the TC 7 London meeting.

Mr. **Sendov** remarked that TC 7 had planned a Conference at the same time as the IFIP Congress 89. Everyone should be free to go to Congress. Mr. Glaser stated that ADB had no knowledge whatsoever of the event and the organizers would have to be asked to change the date. He asked Mr. Balasubrahmanian to kindly follow up on that issue. ACTION

The President thanked Mr. Balasubrahmanian for all the efforts he had made to try and get information out of TC 7.

TC 8 (INFORMATION SYSTEMS)

**Mr. Penedo**, Cognizant Officer, expressed the apologies of the TC 8 Chairman, Mr. Bracchi, for being unable to attend the New Delhi Meetings.

He referred to Mr. Bracchi's Annual Report and it was noted that two new countries were now represented in TC 8, namely - Iraq and Ireland.

The last (18th) meeting of TC 8 had taken place in Sydney just prior to the 1988 Auckland Council Meeting. The next meetings were scheduled for 23-24 September 1988 in the U.K. and for August 1989 in San Francisco. During the U.K. meeting, new Scopes and Aims of TC 8 and its Working Groups would be proposed according to the recommendations of the Review Committee.

**Mr. Penedo** announced that Mr. Olive/Spain would succeed Mr. Solvberg as WG 8.1 Chairman effective 1 January 1989. Mr. Oppelland/Netherlands had been elected to succeed Mr. Welke as WG 8.2 Chairman and Mr. Kendall/U.S.A. had succeeded Mr. Oppelland as Vice-Chairman. Mr. Sol/Netherlands would succeed Mr. Methlie as WG 8.3 Chairman whilst Messrs. Lee and Vari had had their function re-confirmed as respectively Vice-Chairman and Secretary.

**Mr. Penedo** advised that the Council recommended to the General Assembly the establishment of a new Working Group - WG 8.5 (Information Systems in Public Administration), under the Chairmanship of Mr. Kovacs, with the following Scope and Aims:

SCOPE

The Working Group focuses on information systems in public administration at international, national, regional and local levels.

The Working Group special emphasis is on the relationship between central and local use of information systems and the provision of citizen services, together with the accomplishment of social goals.

AIMS

The Aims of the Working Group are to:

- 1) analyse information processing policies in public administration;
- 2) discuss specific applications of information systems in public administration;
- 3) analyse the impacts of information systems on public administration;
- 4) apply the results of other IFIP Working Groups, and specifically of TC 8 Working Groups, to public administration;
- 5) improve the quality of information systems in public administration.

General Assembly unanimously **APPROVED** the establishment of WG 8.5 as outlined above.

Mr. **Kovacs** advised that, in view of his other IFIP activities, he felt it would be best to find another Chairman and he would look into that matter.

ACTION

**Mr. Penedo** said he would like to thank Mr. Bracchi for all his work.

#### 10.7 TC 9 (RELATIONSHIP BETWEEN COMPUTERS AND SOCIETY)

**Mr. Sacknan** presented his extensive Annual Report which included the Minutes of the TC 9 meeting held in Amsterdam, June 1987.

TC 9 had held its last meeting on 3 June 1988 in Namur, Belgium just prior to the WG 9.2 Conference on "Computing Landscapes".

Mr. **Sackman** expressed his pleasure that TC 9 was moving into high-gearred new ventures, new territories, greater opportunities, etc. He trusted the new Full GA Member Societies would appoint representatives to enhance the TC 9 team. He would also welcome representatives from the Eastern European countries.

ACTION

ACTION

**Mr. Sackman** said that, amongst other issues, TC 9 had discussed its long-range activity plans and the IFIP finances during the Namur meeting. The Minutes of same would be distributed at the next Council Meeting in Geneva.

He advised that the TC 9 Review had been completed about a year ago. TC 9 had formalized an Executive Committee which would meet twice a year and essentially consisted of the Officers of TC 9 and of its Working Groups.

**Mr. Sacknan** mentioned that the Conference on "Computers and the Law" had attracted over 100 participants and featured an impressive set of speakers and papers. Nevertheless, there were heavy Conference costs and, as a result, he regretfully requested that the SFr. 4,000 loan be converted to a grant.

**Mr. Sackman** advised that the planning of one of TC 9's major events - "HCC4", Dublin, 1990 - was still in its early stages. The Programme Committee would be meeting the following month.

He stated that the Third TC 9 Conference on "Women, Work and Computerization", Amsterdam, April 1988, had been quite successful, but had not attracted as many participants as anticipated.

Following a long explanation on the activities, aims and thoughts of TC 9 and the work undertaken by the Task Group on Home Oriented



Informatics and Telematics, **Mr. Sackman** proposed that a new Working Group - WG 9.3 (Home Oriented Informatics and Telematics - HOIT) be approved with the following Scope and Aims:

#### SCOPE

The Working Group is concerned with the social implications of the development of informatics, communications and telematics in the home and its environment (HOIT).

The WG assesses:

- actual and potential human usefulness of HOIT;
- social impact of these technologies and their applications;
- social issues at stake in the development of the underlying infrastructure;
- rationale in innovation and design processes;
- dynamics of technology development.

WG 9.3 explicitly cares about the position of and the potentials for vulnerable groups like children, less-educated, disabled, elderly and non-employed people, paid and non-paid workers at home, cultural minorities, unaware users and others.

#### AIMS

Foster benevolent design, development, implementation, applications and use of Home Oriented Informatics and Telematics (HOIT).  
Encourage surveys and studies on HOIT.  
Develop methodologies for studying social implications of HOIT.  
Establish a global platform for interaction, exchange, joint initiatives and co-operation between such groups as:

- \* the end users of HOIT: members of households
- \* industrial developers and designers of HOIT technology and related services
- \* implementation designers
- \* policy, decision making, social and consultative bodies
- \* architects and urban planners
- \* scientists.

The General Assembly **APPROVED**, with one abstention, the establishment of WG 9.3 as outlined above.

(Mr. van Rijn, who had chaired the Task Group, was subsequently appointed as Chairman of WG 9.3.)

## 10.8 TC 10 (COMPUTER SYSTEMS TECHNOLOGY)

Mr. Reijns referred to his Annual Report and mentioned that Mr. Aspinall had had to resign from the post of TC 10 Vice-chairman due to continuing illness. TC 10 activities had expanded rapidly under his Chairmanship (1980-1986). TC 10 wished Mr. Aspinall all the very best. Mr. Piloty had agreed to take over the post for one year.

Mr. **Reijns** indicated that one of the Review Committee's recommendations had been that TC 10 set up a Task Group to investigate and eventually organize educational courses for less developed countries in technical fields within the Scope of TC 10. Due to his illness, Mr. Aspinall could not continue to lead the TG, which role had now been taken over by Mr. Delgado-Kloos - the TC 10 Spanish representative.

Mr. Reijns stated that WG 10.4 wished to have the Proceedings of one of its Conferences in the series concerned with "Dependable Computer Systems for Critical Applications" to continue to be published by Springer. The issue would be taken up within the Publications Committee.

General Assembly unanimously **APPROVED** the revised Aims and Scopes of WG 10.1, WG 10.2, WG 10.3, WG 10.5, and the revised title and Aims and Scope of WG 10.4 as follows:

### WG 10.1 (System Concepts and Characteristics)

#### AIMS

The Aims of the Working Group are to promote the exchange of information in the area of innovative computer system architecture and structure and to improve the understanding of the State-of-the-Art. To develop from there a methodology for the design of computer systems.

#### SCOPE

The Scope includes:

- 1) To make accessible accurate descriptions of system architectures and structures.
- 2) To establish a list of architectural and structural features which are identical or similar.
- 3) To describe common characteristics of those features respectively, and their differences.
- 4) To develop the methodology of system architecture.
- 5) To assess the impact of emerging technologies on systems.

The activities of this Working Group are widely ranging, and, therefore, from time to time will interact with those of the other Groups within TC 10.

## WG 10.2 (System Description and Design Tools)

### AIMS and SCOPE

1. Explore problem areas and solutions in the specification and design of languages which allow the description of all phases for the design, from that of multi-component complex system architectures down to the level of elementary building blocks, in a consistent way.
2. Explore problem areas and solutions in the development of design automation tools based on these design languages.

The work of the Group will include the following tasks:

- The study of languages and tools for specification, description, simulation, testing, verification, synthesis, evaluation and documentation of digital systems.
- Consideration of the impact of system design methodology.
- Interaction between tools and design methodology.
- The study of the integration of design tools.
- Recommend specifications for design tool development.

## WG 10.3 (Concurrent Systems)

### AIMS

The aim is the study of computer systems, having several computing elements, with the goal of improving the quality of attributes such as cost, performance, programmability, extendability and function.

The study includes the interrelation of software/firmware/hardware in specification, design and implementation.

### SCOPE

The Scope includes:

- 1) Exploration of problem areas and solutions pertaining to the interrelation between the hardware functions and the software functions in systems such as supervisors, data management, language translators, I/O systems, and user interfaces.
- 2) Evaluation of the implications of trends in computer systems technology on the interrelation of software/firmware/hardware.
- 3) Evaluation of the implication of this interrelation on the trends in computer systems technology.

- 4) Development of principles and techniques which facilitate the software/firmware/hardware tradeoff.
- 5) Consideration of methods to meet special requirements and applications

#### WG 10.4 (Dependable Computing and Fault Tolerance)

##### AIMS

Increasingly, individuals and organizations are developing or procuring sophisticated computing systems on which services they need to place great reliance. In different circumstances, the focus will be on different properties of such services - e.g. continuity, performance, real-time response, ability to avoid catastrophic failures, prevention of deliberate privacy intrusions. The notion of dependability, defined as that property of a computing system which allows reliance to be justifiably placed on the service it delivers, enables these various concerns to be subsumed within a single conceptual framework. Dependability thus includes as special cases such attributes as reliability, availability, safety, security. The Working Group is aimed at identifying and integrating approaches, methods and techniques for specifying, designing, building, assessing, validating, operating and maintaining computer systems which should exhibit some or all of these attributes.

##### SCOPE

Specifically, the Working Group is concerned with progress in:

- 1) Understanding of faults (accidental faults, be they physical, design-induced, originating from human interaction; intentional faults) and their effect.
- 2) Specification and design methods for dependability.
- 3) Methods for error detection and processing, and for fault treatment.
- 4) Validation (testing, verification, evaluation) and design for testability and verifiability.
- 5) Assessing dependability through modelling and measurement.

#### WG 10.5 (Very Large Scale Integration - VLSI)

##### AIMS

To deal with all aspects of the interaction between semiconductor fabrication and computer system design. This can be defined as the new tools, designs and techniques required to deal with the interaction between VLSI technology and the design of computer systems.

SCOPE

The Scope includes:

- 1) Special purpose VLSI components.
- 2) Computer based design tools for VLSI components.
- 3) Mathematical modelling of VLSI components.
- 4) Technology innovation and design methodology.

**Mr. Verrijn-Stuart** recommended that, from time to time, WG 10.2 ACTION seek to do something with WG 8.1.

10.9 TC 11 (SECURITY AND PROTECTION IN IP SYSTEMS)

Mr. Iau, Cognizant Officer, introduced the new TC 11 Chairman, Mr. Caelli/Australia, who had succeeded Mr. Hoving. His appointment had been officially confirmed.

Mr. **Caelli** referred to the TC 11 Annual Report and revised pages distributed at GA. He mentioned that the last TC 11 meeting had taken place from 17 to 18 May 1988 on the Gold Coast, Australia. At that meeting, Mr. Ware had been re-appointed as TC 11 Vice-chairman and Mr. Fak as WG 11.4 Chairman.

**Mr. Caelli** advised that at the TC 11 May meeting, it had been decided by motion that WG 11.6 (Multiparty Transaction Security) be disbanded as its activities were considered to be inconsistent with the overall objectives of TC 11. He, therefore, requested GA to formally disband the Working Group.

Following discussion, General Assembly unanimously **AGREED** to disbanding WG 11.6.

General Assembly unanimously **APPROVED** the establishment of the proposed TC 11 Working Group - WG 11.7 (Computer Security Law) with the following Aims.

AIMS

- 1) To promote awareness and understanding of the need for meaningful and thoughtful computer security related legislation as an essential element in the protection of computer systems, programs and data;
- 2) To provide a forum for the discussion and analysis of computer security related legislative policy; and

- 3) To provide a mechanism to initiate or respond to international computer security related legislative initiatives affecting the computer industry.

In order to meet these Aims, the objectives of the Working Group are:

- 1) To study and share legislative experience, approaches and resources relating to security of computer systems, programs and data both in the field of civil law and criminal law;
- 2) To determine and study areas for potential international co-operation in the area of computer security related legislation;
- 3) To develop, where appropriate, model concepts, approaches or definitions leading to internationally consistent computer security related legislation,
- 4) To promote an understanding of computer security related legislative issues for legislators;
- 5) To initiate or respond to initiatives of other international organizations dealing with international or transnational issues affecting the security of computer systems, programs and data; and
- 6) To liaise and co-operate with other interested Working Groups or Technical Committees of IFIP.

IFIP's gratitude was expressed to Mr. Hoving for his services as TC 11 Chairman.

The **President** thanked Mr. Caelli for his first report to the General Assembly and wished him every success in his new function.

11. IMIA

**Mr. Melbye**, Cognizant Officer, expressed the apologies of Mr. Kaihara, IMIA President, for his non-participation due to the fact that he would be attending the IMIA Annual General Meeting in Geneva the following week (hosted by Mr. Mandil, WHO Headquarters).

**Mr. Melbye**, drew attention to the IMIA Annual Report 1987/88 and advised that IMIA was performing on a modest scale. The financial outcome of 1987 was income of SFr. 23,000 against expenses of SFr. 11,000 - thus adding SFr. 12,000 to IMIA's assets.

IMIA currently had eight active Working Groups. WG 5 (Ambulatory Care in Information Systems) had been tentatively terminated on account of the death of Mr. Reichertz.

**Mr. Melbye** advised that at its October 1987 Annual General Meeting, IMIA had made some minor editorial changes to its Bylaws.

The Calendar of Events, attached to the Annual Report, described IMIA's level of activities.

**Mr. Melbye** presented a report from the Review Committee for IMIA (document GA New Delhi 88/IMIA-1) and recalled that the RC had been initiated at the 1987 Budapest GA under his Chairmanship with Messrs. Finch and Kaihara as members. It was agreed that the Review should be different as IMIA was a SIG and the RC did not, therefore, include an Outside Expert. It concentrated on the relationship between IFIP and IMIA.

**Mr. Melbye** outlined that Mr. Kaihara had offered to draft a report, but Mr. Finch and himself had decided in New Delhi that they could not agree with all his conclusions. They had, therefore, re-drafted the report which had been discussed at the Technical Assembly. Based on the feed-back received, a partial re-write had taken place and the resulting report had been faxed to Mr. Kaihara. **Mr. Melbye** happily announced he had received Mr. Kaihara's comments that morning (document IMIA-2 dated 7 September 1988) which indicated "...I read the attached documents and I fully agree with this. I hope that this report is accepted by IFIP GA. I am sure that the scientific relationship between IFIP and IMIA will be tighter in the future."

**Mr. Melbye** stated that RC had identified a need for changing the present relationship between IFIP and IMIA and, consequently, strongly recommended that:

- IFIP encourage IMIA to be established as an independent organization and invite IMIA to become an Affiliate Member of IFIP.

IMIA establish itself as such an organization and intensify its co-operation with IFIP in those areas where mutual benefit could be obtained.

**Mr. Melbye** said the GA's decision would be transmitted to Mr. Kaihara for presentation to the IMIA Annual General Meeting on 16 September 1988 in Geneva. The practical procedures of implementation could, thereafter, be handled by the Executive Body.

Following a very lengthy discussion, the **President** moved that IFIP dissolve IMIA as a SIG and, at the same time, admit IMIA as an Affiliate Member subject to its acceptance of that new status.

General Assembly **ADOPTED** the motion - 27 in favour, 4 objections and 3 abstentions.

The **President** gave tribute to Mr. Melbye and placed on record IFIP's appreciation of the work he had carried out very ably in respect of the IFIP-IMIA relationship.

## 12. COMMITTEE REPORTS

### 12.1. Admissions Committee

**Mr. Guo** presented his report (AC-1) and stated that the Hong Kong Computer Society (a SEARCC member) had expressed interest in becoming a Full Member of IFIP. However, in accordance with the IFIP Statutes and Bylaws, only a country could become a Full Member. As Hong Kong was a region, the March 1988 Auckland Council Meeting had considered it not eligible.

**Mr. Guo** announced that the President of the Polish Information Processing Society had contacted IFIP, stating that his Society seemed to be the most appropriate entity to represent Poland in IFIP. **Mr. Guo** said he had referred both him and the current Polish GA representative (of the Polish Academy of Sciences) to the relevant IFIP Statute and Bylaw and awaited the outcome of discussion between the two parties.

**Mr. Jaiyesimi** proposed that the West African Regional Computer Society (WARCS) be admitted as a Full Member of IFIP.

WARCS had been formed in 1987, had its seat in Nigeria, and currently was composed of six countries: Nigeria, Ghana, Liberia, Sierra Leone, Gambia and Togo. An application from Cote d'Ivoire was being processed and efforts were being made to reach the remaining ten West African countries. **Mr. Penedo**, who was aware of the activities within WARCS, strongly recommended the admission.

General Assembly unanimously **ADMITTED** WARCS as a Full 'Regional' Member of IFIP.



**Mr. Jaiyesimi** asked if WARCS might be allowed reduced Dues for its first year of Membership. The suggestion seemed favourably received, and the issue was suspended for a decision as to an appropriate amount by the Vice-President (Internal) and Treasurer.

## 12.2 Congress Guidelines Committee

**Mr. Finch** referred to his report (CGC-1) and said the Committee members present in New Delhi would meet later that week for further discussions and to review progress to-date.

**Mr. Finch** recalled that CGC was attempting to produce a **new** "Congress Guidelines" handbook which would include not only the missing Chapters, but a summary of critical factors, IFIP policies, etc., and a revised Chapter on the Programme Committee.

**Mr. Brauer** said that the PC Chapter had not been discussed with the TC Chairmen, only with PC's, and unless they were more involved, IFIP would always have problems with the Congress.

**Mr. Finch** underlined that the current PC Chairman had tried to involve more the TC Chairmen and appropriate feed-back would be included in the PC Chapter by CGC.

ACTION

## 12.3 Developing Countries Support Committee

**Mr. Penedo** presented his report and gave a briefing on the various meetings which had taken place in the previous twelve months.

He gave a rendering on the various Regions: Latin America, Africa, Mediterranean, Asia and the Pacific. It was hoped that an application for Full 'Regional' Membership would be forthcoming from the Pacific area comprising New Zealand, Fiji (which had undergone many difficulties), Samoa, New Guinea and Tonga.

**Mr. Penedo** referred to the Unesco support given to DCSC and underlined that Unesco would give a grant to Congress 89 in order to allow reduced fees from DC participants.

**Mr. Penedo** recalled the very generous donation of nine tons of books by Elsevier/North-Holland and said it had been rather difficult to justify to the Portuguese customs that it was indeed a donation. Many requests from DCs had been received for the books and it was hoped to resolve the issue in the near future.

**Mr. Penedo** said DCSC proposed temporary reduced Dues for new Members from Developing Countries, to take effect from 1 January 1990, as follows:

1. Developing Countries applying to IFIP as Members, may ask for a special reduction of 50% in their Dues for a maximum initial period of three consecutive years of Membership.

This will apply for Countries, or Regional Members.

2. At the same time, and in order to get the Country/Region immediately involved in the technical activities, the country, with the collaboration of DCSC, will identify **an** area of interest within the scope of TCs, in order that an initial event will be planned to take place with the support of the TC or TCs involved. DCSC will help the Country/Region to identify such events, and will provide organizational and limited financial support.

General Assembly **ADOPTED** the proposal, with one abstention.

Due note of the GA decision was taken by the Treasurer and FC Chairman.

ACTION

#### 12.4 Finance Committee

Mr. **Verrijn-Stuart** referred to his Annual Report 1987/88 and to documents (FC-1 - FC-5).

He advised that the Irish Computer Society (ICS) had difficulty in paying back the Congress 86 loan of SFr. 100,000 and called upon Mr. Dolan, C 86 OC Chairman, to give a briefing on the situation. Mr. Dolan reported that the current outstanding was approximately SFr. 70,000 (bearing in mind that the figure included the IFIP settlement of C 86's debt to Elsevier/North-Holland). **Mr. Dolan** confirmed that ICS was making a sterling effort to settle its debt to IFIP and would definitely transmit a part-payment prior to year-end. Further payments would be effected in the ensuing twelve months. The **President and Mr. Verrijn-Stuart** expressed their appreciation of the fact that ICS was very aware of its commitment and was doing its best to regularize the issue. **Mr. Dolan** deeply thanked the General Assembly for its comprehension.

**Mr. Verrijn-Stuart** recalled that FC had been asked to develop forms so that both the request for approval of activities and the financial document could be combined. The forms had been circulated to the TC Chairmen, who had responded to same, and the procedures were envisaged to be put into effect from 1 January 1989.

**Mr. Verrijn-Stuart** requested that FC-1 be noted and, in particular, that IFIP needed to find ways of generating further income. FC would be obliged to make a radical review of the Dues situation. ACTION

**Mr. Verrijn-Stuart** drew attention to FC-2 covering the 1989 Budget approval procedure and the effort requested from the TCs. He, nevertheless, underlined that a fund would be available, outside the TC operating budget amounts, for very legitimate expenses. To-date, a fund had been in existence entitled "TC Travel", but it could be renamed to thus encompass other TC-support items of an operating nature.

In presenting FC-3, concerning the IFIP investments, the **President** felt IFIP should transfer its foreign currencies into Swiss Francs **to** eliminate exchange losses.

Finally, following a long deliberation concerning the handling of the investment portfolio by the Swiss Bank Corporation, U.K. (not possible to handle same in Switzerland, otherwise IFIP's status as a non-profit making Federation would be jeopardized and become vulnerable for taxation), General Assembly voted **IN FAVOUR** of the following Finance Committee recommendations:

ACTION

1. It is appropriate that an organization like IFIP invest in a low risk portfolio, where a return of 5/6% may be expected;
2. Furthermore, it is appropriate that the management of this portfolio be delegated to a professional agent, subject to a clear mandate; to avoid Swiss property tax this agent has to be located outside Switzerland;
3. Since IFIP's assets are expressed in Swiss Francs, the guiding principle ought to be a maximization in terms of that currency; however, this does not mean that all investments should be in Swiss Francs themselves.
4. It is recommended that Treasurer and FC Chairman from time to time review the mandate with the managing agent, reporting to the IFIP Executive, possibly recommending a change in directives.

**Mr. Verrijn-Stuart** gave a briefing on FC's thought in respect of Loans/Grants Accounting - as outlined in FC-4.

General Assembly unanimously **ADOPTED** the proposed procedures as follows with the reservation - as put forward by **Messrs. Morris** and **Glaser** - that maybe the date of "2 months" in Point 1 should be negotiable.

ACTION

1. The request for a Loan or a Grant shall specify the time schedule for using it; the obligation to account for such usage within 2 months after the event the loan or grant is implied (surplus/deficit in case of a Loan, repayment of a Grant in case an unbudgeted surplus **is** achieved, otherwise merely a statement that the money has been used according to its intention);
2. From the moment a Loan or Grant is authorised it shall be administered as a "liability" of IFIP until its usage has been accounted for;
3. Since IFIP operates on an annual basis, the planned expenditures (and possible income) may well occur in periods outside the one that **is** subject to the current budgeting procedure; as budgets, income/expenditure statements and balance sheets are produced **for a** certain period at a certain point in time, the status of the Loan/Grant usage shall be reflected accordingly.

As to FC-5, General Assembly unanimously **APPROVED** the principle embodied in the following statement concerning Membership Dues administration:

ACTION

- The current budgeting practice is to reflect the expected Membership Dues payments (actual current year and back Dues payments, i.e. the forecast flow), but not to show the Member Society commitments as such. It is recommended that the latter aspect be introduced as a supplementary element and recorded accordingly.

Mr. Reijns raised the problem of organizing Conferences in certain countries (e.g. Italy) where VAT had to be paid on the resulting benefits and said he needed a paper, in English, stating that IFIP was a non-profit making organization. Mr. Uhlig endorsed the request. Mr. Glaser said he had applied in the U.S.A. for a 'non-profit making bank account' without difficulty. Mr. Verrijn-Stuart said he would follow up on the issue with the IFIP auditor.

ACTION

#### 12.5 IFIP Committee for International Liaison

There was nothing to report under this Agenda item except that various correspondence was, as always, being directed to concerned parties from the IFIP Secretariat.

#### 12.6 IFIP/UNESCO Liaison Committee

Mr. Fourot referred of the Unesco contracts and the diminishing funds each year. However, he was attempting to negotiate a better deal for 1989 and concentrate IFIP's request on the Congress. On behalf of the President, he had put forward a scheme to Unesco to assist approximately 150 DC representatives with their registration fees.

Mr. Fourot spoke about IFIP's relationship with Unesco's Inter-governmental Informatics Programme (IIP), which had been created in 1986, and of which Mr. Sendov was a Vice-President. Unesco had expressed its determination to associate IFIP very closely with IIP. IFIP had been invited to attend a meeting the following month and the President, Mr. Sendov and himself would put forward a proposal of IFIP's suggested intentions.

#### 12.7 Internal Awards Committee

Mr. Fourot recalled the project approved by the General Assembly to present an "IFIP Outstanding Service Award" Certificate to those people who were not eligible for the Silver Core (i.e. within TCs and WG's). The TC Chairmen had been consulted as to possible candidates for 1988 and the list of subsequent nominees had been circulated to members of IAC, the Executive Board and Cognizant Officers.

**Mr. Fourot** pointed out that TC 2 did not favour this distinction for various reasons and had not, therefore, proposed any candidates.

General Assembly **APPROVED** the following nominations: Mr. Burbidge (TC 5), Mrs. Rolland and Messrs. Lockeman, Sol, Brookes, Bjorn-Andersen (TC 8), Berleur, Millin, Van Rijn and Tijdens (TC 9).

Mr. Fourot referred to the Silver Core Award (the next ones would be attributed during Congress 89) and proposed that IFIP simply give a diploma to each recipient in place of the current 'presentation' (which could no longer be fabricated by the original source). He felt that due consideration should be given to the creation of a 'recognition pin' which could be given retroactively. Mr. Morris fully supported the recommendation.

General Assembly **ACCEPTED** the recommendation, with one opposition and three abstentions.

ACTION

#### 12.8 Marketing Committee

Mr. Le **Roux** presented his report (GA New Delhi 88/MC-1) and said there was no shortage of ideas and initiatives within MC, but the major problem was how to translate same into tangible results.

**Mr. Le Roux** referred to the current circulation of the IFIP Newsletter and expressed MC's appreciation of the devoted work of the Newsletter Editor, Mr. Rosenfeld.

**Mr. Le Roux** presented MC's recommendations concerning possible, further distribution of the Newsletter and encouraged GA Members to "lift" material from same for use in their own Society NL's and magazines.

**Mr. Le Roux** underlined MC's suggestions for a meeting of Member Society Presidents/IFIP Officers during the San Francisco Congress. (Kindly refer to New Delhi Council Minutes, Agenda item 6.3).

**Mr. Le Roux** advised that a new edition of the IFIP Information Bulletin would be produced in 1989 and it was proposed to put a price on same and promote it for sale to libraries. No decision was reached.

**Mr. Le Roux** referred to the concept of IFIP providing various services to its Member Societies, etc. via the utilization of a preferred agent (e.g. IOS, Amsterdam) - as outlined in MC-1.

Several GA Members, including **Mr. Penedo**, felt that income should be generated from event activities and not from publicity on IFIP which was recognized as a non-profit making organization. GA, nevertheless, appreciated all the efforts of MC to help stabilize IFIP's future from a monetary point of view.

#### 12.8.1 IFIP Newsletter

**Mr. Rosenfeld** remarked that the IFIP Newsletter had been launched five years ago and twenty issues had been produced. He referred to the agreement with Elsevier/North-Holland whereby they now printed 16-page issues (compared to the previous 8-page issues) free of charge.

The **President** placed on record IFIP's thanks and gratitude to Elsevier/North-Holland. He added that the Newsletter was going from strength to strength and he heartily congratulated Mr. Rosenfeld for the tremendous amount of work he handled in his capacity as Editor.

#### 12.9 Publications Committee

**Mr. Le Roux** presented his report (GA New Delhi 88/PC-1) and addressed the various issues outlined therein: Publications Status in respect of Royalties (SFr. 160,000 was envisaged for the May 1988 - April 1989 period); Status of Relationship with Publishers (Elsevier/North-Holland and Springer) with emphasis on the new contract finalized with the former and the special discounts offered to Member Societies and their bona-fide members, Liaison with Technical Committees, State-of-the-Art reports, etc.

He extended his appreciation to Mrs. Smit for having prepared the Elsevier/North-Holland Promotion and Status reports in respect of the IFIP Publications.

**Mrs. Duncan**, Publications Officer, referred to her report covering the process of the publications and advised that a document "Guidelines to Editors" had been developed which would, subsequently, be distributed to all TC Chairmen. She trusted that an agreement could be drawn up with Springer similar to the one established with Elsevier/North-Holland.

**Mrs. Duncan** drew attention to her documents (PC-4.1 and PC-4.2) concerning the establishment of an IFIP Publications Database and the ensuing procedure to be followed. This would be handled by IOS (Mr. Fredriksson).

A general discussion took place on the various ways by which the publication sales could be increased, etc.

The **President** thanked Mr. Le Roux, Mrs. Duncan and the PC members for all their hard work.

#### 12.10 Site Evaluation Committee

**Mr. Finch** referred to his Annual Report 1987/88 and to document (GA New Delhi 88/SEC-1). He recalled that at the 1987 Budapest GA, a decision had been taken to hold an IFIP Congress every two years during the period 1992-1998.

**Mr. Finch** announced that formal proposals to host IFIP Congress 94 - 13th World Computer Congress would be required by 1 February 1989. F.R.G. and Finland had already expressed their interest.

Mr. **Finch** drew attention to a resolution put forward by Mr. Zemanek in respect of returning to a three-year Congress cycle. (Refer Agenda item 16.1).

12.11 - included in Agenda item 12.16

#### 12.12 Statutes and Bylaws Committee

Attention was drawn to Mr. Potter's Annual Report 1987/88 and letter to all IFIP GA Members, dated 15 August 1988, proposing amendments to the IFIP Statutes and Bylaws.

General Assembly **APPROVED**, with two objections and three abstentions the following:

ACTION

- a) Statutes Articles 3.2 Admission of Individual and Honorary Members), 3.3 (Termination of Membership), and 7 (Amendments), which contain a two-thirds Majority provision.

The requirements of two-thirds of all Members of GA may be difficult to attain. This Amendment provides a workable alternative.

Replace existing two-thirds text with:

"Approval ... shall require a three-quarters majority of Full Members present at the meeting or represented by proxy." - edited as appropriate.

- b) Statutes Article 4.1.3 (Quorum and Majority)

Delete paragraphs 3 and 4, since this situation is now avoided.

For clarity the third sentence should read as follows:

"This General Assembly shall operate without any quorum restrictions."

The other outlined proposals were not dealt with.

It was noted that SBC had undertaken to produce a series of guidelines and policy papers for the assistance of IFIP Office-bearers and Committees. However, they were in various forms of preparation and, unfortunately, none were available for presentation to the General Assembly.

The **President** assured that a very comprehensive review of the Statutes and Bylaws would be taken before the next GA Meeting to allow for further decisions and a subsequent revised edition of same.

ACTION

#### 12.13 Long-Range Planning Committee

Mr. Glaser said he was reporting on behalf of Mr. Tanaka and drew attention to the latter's Annual Report 1987/88. He moved that the LRPC Charter, as presented to the 1987 Budapest GA Meeting (document GA 9/87 - LRPC-3), be accepted.

General Assembly **ADOPTED** the motion, with four abstentions.

Mr. Glaser announced that LRPC had completed its current tasks and the Committee would be discharged. LRPC would be re-constituted as and when required.

The President expressed his thanks to Mr. Tanaka and the members of LRPC for their work.

#### 12.14 IFIP Commission for the History of IFIP and IP

Mr. Zemanek said he had been disappointed by the response to his request to contribute to the IFIP Biography. A further copy of same had been distributed to all GA participants and he called on everyone to kindly react to same.

ACTION

Mr. Zemanek recalled that some 60 copies of the IFIP 25th Anniversary book had been distributed to GA participants present at GA Dublin 86. The book was, subsequently, marketed but the sales volume was very low. As the book gave a very good idea of IFIP, he invited the GA participants to try and promote sales to Member Societies, University libraries, etc.

The President re-iterated Mr. Zemanek's requests and thanked him for his perseverance to engrave the history of IFIP in the annals of time.

#### 12.15 External Awards Committee

Mr. **Sendov** said he had no written report as the proposal had been finalized in Auckland at the time of the 1988 Council Meeting. The Executive Board had decided to organize fund-raising.

The **President** stated he had written to all Past Presidents and asked for their advice and assistance. He would establish a Fund-Raising Committee comprising Member Societies which would be urged to raise funds in the way best suited to their particular country and at the most appropriate time. A target figure would be suggested.



Thus far, the following Member Societies would be involved: Australia, Bulgaria, F.R.G., Finland, France, Italy, Japan, Netherlands, Spain, U.K., U.S.A. and SEARCC. He urged any other interested Member Societies to contact him which would, ipso facto, become members of the Committee. The **President** was happy to report that Japan was intending to raise between SFr. 100,000/200,000 from industry.

ACTION

#### 12.16 Technical Assembly

**Mr. Sendov** presented his report which gave an account of the first meeting of the newly-established TA, held the day prior to the GA Meeting, and an outline of the steps leading to its inception. The primary purpose of TA was defined as treating long-range technical strategy, technical policy formulations and IFIP promotion.

Regarding the TA membership (Vice-President - Technology, TC Chairmen, SIG Chairmen, SG Chairmen and Affiliate Member representatives) which had been defined, the **President** said the TA Chairman could invite interested Observers, but underlined the need to be careful not to duplicate other Committees.

General Assembly **VOTED** in favour of the TA Charter, with one abstention (see Annexe II).

**Mr. Sendov** addressed the issues discussed in TA, as outlined in his report, namely: the President's letter of July 1988 "Meeting the Challenge"; new fields of activity; AMB-TA interaction; TC Review status; TC/WG changes; the SG on "Artificial Intelligence"; TG on "Fractals"; Mr. Sackman's project of an "IFIP Code of Ethics", and Mr. Brauer's study on "Certification".

All the abovementioned issues were thoroughly explored.

The **President** expressed his appreciation of the smooth transition of the restructuring (ADB = AMB/TA) and congratulated all concerned parties.

### 13. AFFILIATE MEMBERS

#### 13.1 IAPR

**Mr. Freeman** referred to his Annual Report 1987/88 outlining the IAPR Membership, its activities and Journal "Pattern Recognition Letters" published by Elsevier/North-Holland.

He gave a briefing on the change in lieu of the 9th International Conference on "Pattern Recognition" from Beijing to Rome on account of the fact that China was unable to guarantee visas for all pro-

spective participants. The Conference was now scheduled **for** 14-17 November 1989. 700 Papers had been received of which approximately 230 would be presented.

The 10th Conference would be held in Atlantic City, 2-8 June 1990.

In reply to Mr. Fourot's query re the K.S. Fu Award, Mr. **Freeman** said the basic amount was around \$ 20,000 which earned a 6% interest per year. Therefore, the Award - presented every three years - would be close to \$ 3,000 each time.

13.2 IASC

**Mr. Fourot** referred the GA participants to the IASC Annual Report 1987/88.

13.3 ICCC

Mr. **Fredriksson** said he had been asked to speak on behalf of ICCC and presented a concise report on the activities of ICCC. He drew attention to a letter from the ICCC GA representative, Mr. Enslow, who was also the ICCC President, fully supporting the implementation plans outlined in the IFIP President's letter "Meeting the Challenge".

13.4 EUROMICRO

13.5 FACE

There was nothing to report under these Agenda items.

13.6 IJCAII

Attention was drawn to Mr. Walker's Annual Report 1987/88 and letter to the President dated 18 August 1988 assuring IFIP of its co-operation.

13.7 VLDB ENDOWMENT

Attention was drawn to the VLDB Endowment Annual Report 1987/88.

14. MEMBER SOCIETIES REPORTS

**Mr. Alvarez** referred to his Summary of Member Society Annual Reports for 1986 and 1987 which he had originally presented at the 1988 Auckland Council Meeting.

He drew attention to the 23 Reports which had been submitted to the current GA Meeting.

Discussion ensued and various GA Members called for replies to requests raised in their Member Society Reports (e.g. Mr. Brauer/F.R.G. sought information on the status in the other countries on the 'Informatics Olympics-Secondary School Education').

The **President** expressed his thanks to the Member Societies which had submitted Reports and urged everyone to take advantage of the contents of same.

ACTION

15. FUTURE COUNCIL AND GA MEETINGS

**Mr. Fourot** confirmed the future Meetings as follows:

Council and Related Meetings - First Quarter 1989 - Geneva

GA and Related Meetings - Third Quarter 1989 - San Francisco

Council and Related Meetings - First Quarter 1990 - Jerusalem

**Mr. Fourot** advised that the Member Society for Argentina (SADIO) had sent an invitation to host the General Assembly and Related Meetings in Buenos Aires in the Third Quarter of 1990.

General Assembly **ACCEPTED**, with one abstention, SADIO's kind invitation to host GA in 1990.

16. OTHER GENERAL ASSEMBLY BUSINESS

16.1 IFIP Congress Cycle

Referring back to Agenda item 12.10 and Mr. Zemanek's proposed resolution, General Assembly re-voted **IN FAVOUR** of the motion adopted at the 1987 Budapest GA to have Congress on a two-year cycle within the 1992-1998 period. (**Mr. Penedo** wished it recorded that he had voted against the motion.)

## 16.2 General Assembly Seminar

As outlined under Agenda item 6.2 of the New Delhi Council Minutes, a Seminar had taken place on the last morning of the GA Meeting. Mr. Morris would prepare a paper on the conclusions put forward regarding "IFIP's Mission - why do we exist?" and circulate same to Council Members for discussion at the next Council Meeting, Geneva 1989) and ultimate presentation to the General Assembly.

## 17. CLOSING OF THE MEETING

The **President** presented a gift to the out-going Vice-President, Mr. Glaser, and warmly thanked him for his services to IFIP. General Assembly gave a **VOTE OF THANKS** to Mr. Glaser.

On behalf of IFIP, the **President** expressed heartfelt appreciation of the magnificent hospitality offered by the Computer Society of India.

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

**ACTIVITY MANAGEMENT BOARD  
CHARTER**

- 1) To monitor, in conjunction with the relevant Chairman and Cognizant Officer, all planned activities of TCs, WG's, SIG,s and other Groups and Committees established by the General Assembly to ensure they conform to IFIP Objectives.
- 2) To consolidate and maintain, in liaison with Chairmen of TC's, SIC s and ICIL/DCSC, and submit to the General Assembly the continuing Six-Year Plan for IFIP.
- 3) To receive Plans of Activities from TC and SIG Chairmen and to review, prior to submission and recommendation to the Executive Board, Council or the General Assembly, such plans and where necessary discuss activities with their respective Chairmen to ensure conformity with the overall framework of IFIP activities.
- 4) To approve activities proposed by TC's, WG's and other IFIP Bodies. This includes the authority to approve loans or grants within limits set from time to time by the General Assembly. AMB may not give its approval for any activity which is expected to result in a deficit.

All such decisions by AMB may be taken on appeal to the General Assembly by the Chairman of the Body involved.

- 5) To process requests for IFIP sponsorship or co-sponsorship and present them to the General Assembly with recommendations and supporting material.
- 6) The Chairman of AMB is responsible, at his discretion, for the disbursement of monies from the IFIP Development Fund at the request of TC Chairmen, Task Groups and other relevant Groups. The Fund is to be used to support new initiatives and to stimulate existing projects.

**TECHNICAL ASSEMBLY  
CHARTER**

- 1) To stimulate action to develop new initiatives with regard to the overall nature and scope of IFIP's technical activities, the level of participation, and the general need to ensure that IFIP constantly improves its relevance and to its target audiences.
- 2) To constantly review the aims, structure and thrust of IFIP technical activities with the aim of recommending to the General Assembly changes as appropriate to improve the continuing relevance of IFIP.
- 3) To review proposals for IFIP participation in new areas of activity with a view to recommending to the relevant authority appropriate action to be taken, including the establishment of new TC's and WG's.
- 4) To promote the effective interfacing of Affiliate Members' and other relevant organizations' activities where this contributes to the advancement of information processing to the benefit of such bodies and IFIP, as well as the community at large.
- 5) To initiate TC/SIG Review Committees; to receive their reports, if necessary adding comments and recommendations, and distribute to Council Members and members of the reviewed TC or SIG.