

COUNCIL AND GENERAL ASSEMBLY
MEETINGS

Toledo, Spain, 14 - 16 September 1992

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HIGHLIGHTS

ELECTIONS

A.W. Goldsworthy (Australia) was re-elected Vice-President for a three-year term

K. Bauknecht (Switzerland) was elected Vice-President for a three-year term

W. Brauer (Germany) was re-elected Trustee for a three-year term

M. Tienari (Finland) was re-elected Trustee for a three-year term

G.J. Morris (U.K.) was elected Trustee for a three-year term

IFIP COUNCIL COMPOSITION AND RESPONSIBILITIES

EXECUTIVE BOARD

A. Rolstadas	President	N	92/95	Congress Chairmen
Bl. Sendov	Past President	BG	92/93	Special Missions
A. Balasubrahmanian	Vice-President	IND	90/93	Development, Admissions
H.L. Funk	Vice-President	USA	91/94	Marketing, Congresses
A.W. Goldsworthy	Vice-President	AUS	92/95	Publications, Contracts
K. Bauknecht	Vice-President	CH	92/95	Technology, Finances
J.C. Fourot	Secretary	F	90/93	IFIPSEC, UNESCO, S&B, Int. Awards, Nominations
A. Melbye	Treasurer	DK	90/93	Activity Mgmt Board, IFIPSEC

TRUSTEES

A. Alvarez	E	91/94	Cognizant Officer for TC 6
D. Dolan	IRL	91/94	Cognizant Officer for TC 5 and 13
G.R. Fairall	ZW	91/94	Cognizant Officer for TC 11
M. Ozeki	J	91/93	Cognizant Officer for TC 9 and 10
D. Khakhar	S	91/93	Cognizant Officer for TC 7 and 8
M. Tienari	SF	92/95	Cognizant Officer for TC 2 and 12
W. Brauer	D	92/95	Cognizant Officer for SG 14
G.J. Morris	GB	92/95	Cognizant Officer for TC 3

IFIP COMMITTEE CHAIRMEN/OFFICERS/NEWSLETTER EDITOR

Technical Assembly

K. Bauknecht

Standing Committees

Activity Management Board	M. Tienari
Admissions Committee	M. Ozeki
Congress Committee	A. Alvarez
Developing Countries Support Committee	G.R. Fairall
Finance Committee	D. Khakhar
Marketing Committee	D. Dolan
Publications Committee	G.J. Morris
Statutes and Bylaws Committee	P.A. Bobillier
Internal Awards Committee	J.C. Fourot

Ad Hoc Committees

Nominations Committee for Officers	A.W. Goldsworthy
Nominations Committee for Trustees	G.J. Morris

Officers

IFIP-UNESCO Liaison Officer	J.C. Fourot
IFIP Contracts Officer	P. Nedkov
IFIP Press Relations Officer	A. Morris

IFIP Newsletter Editor

J.L. Rosenfeld

ADMISSIONS

ALBANIA - Institute of Informatics and Applied Mathematics (INIMA)	- Full Member
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WORKING GROUPS/SPECIALIST GROUP

WG 5.4 (name change)	- Industrial Software Quality and Certification
WG 9.6 (name change)	- Information Technology Misuse and the Law
WG 9.7 (established)	- History of Computing
WG 13.3 (established)	- Human-Computer Interaction and People with Special Needs
SG 14 (established as a permanent Group)	- Foundations of Computer Science

FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS

Council and Related Meetings

- Vienna: 1 - 5 March 1993

General Assembly and Related Meetings

- Tokyo: 6-10 September 1993

FUTURE IFIP WORLD CONGRESSES

13TH Hamburg, Germany

- 1994 (28 August-2 September)

14TH Canberra, Australia

- 1996

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COUNCIL MEETING, TOLEDO, 14 SEPTEMBER 1992

A T T E N D A N C E

Council Members Present

Bl. Sendov	President
A. Rolstadas	President-Elect
G.J. Morris	Vice-President
A. Balasubrahmanian	Vice-President
A.W. Goldsworthy	Vice-President
H.L. Funk	Vice-President
J.C. Fourot	Secretary
A. Melbye	Treasurer
M. Tienari	Trustee
K. Bauknecht	Trustee
A. Alvarez	Trustee
D. Dolan	Trustee
M. Ozeki	Trustee
D. Khakhar	Trustee
W. Brauer	Trustee

Council Member Absent

G.R. Fairall	Trustee
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Observer Present

J.L. Rosenfeld	IFIP Newsletter Editor
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In Attendance

Gwyneth Roberts	IFIP Secretariat, Geneva
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(N.B. Kindly note the Council convened for one hour)

1. **CALL MEETING TO ORDER**

The **President** opened the Council Meeting and welcomed all participants.

He expressed his appreciation to the Spanish Member Society, FESI, for hosting the Council, General Assembly and related Meetings.

Mr. Fourot announced that all Council Members were present with the exception of Trustee Fairall who had sent his apologies together with his proxy for the GA.

2. **APPROVAL OF AGENDA**

Council unanimously APPROVED the Agenda.

3. **APPROVAL OF PREVIOUS MINUTES (C1 TRONDHEIM 92)**

Council unanimously APPROVED the Minutes after taking note of a correction to Agenda item 7.10 (TC 12), page 15, namely: ... and recalled that the first meeting of TC 12 had taken place 31 May - 1 June 1991 in Bruges/Belgium. The second meeting had been held on 13 July 1992 in San Jose/California.

4. **EXECUTIVE BOARD REPORT**

The **President** referred to the Executive Board Meeting, which had taken place following the Closing Ceremony of Congress 92, where many important matters had been discussed and called upon Secretary Fourot to address the Council.

Mr. Fourot advised that most of the issues would be brought up during the GA Meeting, but recalled the concern of the Council during its Trondheim Meeting in respect of the 'Council Timing Structure' (refer Agenda items 4.4 and 13.4 of the Trondheim Minutes). He presented a proposal to the Council whereby only four days (and possibly some evenings) would be involved for the Council and related Meetings.

It was suggested that there be a meeting of the Publications and Marketing Committees together with the TC/SG Chairmen as there were many issues of common interest and it would be time-saving.

Discussion ensued and the **President** requested Mr. Fourot to make a final proposal taking into consideration the various factors raised. The Executive Board would meet on Sunday afternoon, 28 February 1993.

Mr. Melbye drew attention to the envisaged joint meeting between IFIP and CEPIS (which would be holding its Council Meeting in Vienna during the same period) and asked that two hours be planned for same on the Friday morning, 5 March 1993.

(A)

Mr. Fourot advised that the Executive Board had discussed the adjustments proposed to the Statutes and Bylaws and, in particular, the important issue of voting rights for Technical Committee Chairmen. The proposed voting rights were enumerated to allow GA to vote upon them one by one and not as a joint package.

He confirmed that the Executive Board had approved the new text of the Standing Orders which would be duly prepared and distributed by the IFIP Secretariat.

(A)

5. FUTURE COUNCIL MEETINGS

Mr. Fourot pointed out that a venue had to be found for the March 1994 Council Meeting and canvassing action should be taken.

(A)

6. CLOSING OF THE MEETING

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

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GENERAL ASSEMBLY MEETING, TOLEDO, 14 - 16 SEPTEMBER 1992

A T T E N D A N C E

Officers Present

Bl. Sendov	President	Bulgaria
A. Rolstadas	President-Elect	Norway
G.J. Morris	Vice-President	U.K.
A. Balasubrahmanian	Vice-President	India
A.W. Goldsworthy	Vice-President	Australia
H.L. Funk	Vice-President	U.S.A.
J.C. Fourot	Secretary	France
A. Melbye	Treasurer	Denmark

Members Present

D. Bastida	Andorra
Cecilia T. de Berdichevsky*	Argentina
W. Grafendorfer	Austria
J.E.D. Navez	Belgium
M.Q. Zhou**	China
B. Rován	C.S.F.R.
M. Tienari	Finland
W. Brauer	Germany
C. Gergely	Hungary
D. Dolan	Ireland
M. Gottlieb	Israel
G. Sacerdoti	Italy
M. Ozeki	Japan
H.-J. Kimn***	Korea
D.H. Wolbers	The Netherlands
Z. Bubnicki	Poland
O. Tian	Singapore
A. Morris****	South Africa
A. Alvarez	Spain
D. Khakhar	Sweden
K. Bauknecht	Switzerland
P. Kaela	ARCC
R.I. Tanaka	Honorary Member
P.A. Bobillier	Honorary Member
A.A. Verrijn-Stuart	Individual Member
R.P. Uhlig	Affiliate Member

* with proxy of H. Monteverde **
with proxy of Member Society ***
with proxy of Member Society ****
with proxy of C. Guy

Members Represented by Proxy

Member Society	Cuba	A. Alvarez
Member Society	Greece	J.C. Fourot
Member Society	Portugal	A. Alvarez
G.R. Fairall	Zimbabwe	Bl. Sendov
J. Pino	CLEI	A. Alvarez

Members Absent

F. de Souza Neto		Brazil
		Canada
A. Sarhan		Egypt
H. Aboud		Iraq
Lee P. Aun		Malaysia
T. Odegbami		Nigeria
M. Farah		Syria
S.B. Jaiyesimi		Nigeria
I. Auerbach	Honorary Member	
H. Zemanek	Honorary Member	
K. Ando	Honorary Member	
P. Devijver	Affiliate Member	IAPR
J. Brosveet	Affiliate Member	IASC
J. Tiberghien	Affiliate Member	EUROMICRO
A. Bridges	Affiliate Member	FACE
D.E. Walker	Affiliate Member	IJCAII
G. Bracchi	Affiliate Member	VLDB Endowment

Technical Committee and Specialist Group Chairmen Present

P.C. Poole	TC 2
P. Bollerslev	TC 3
R.P. Uhlig	TC 6
P. Thoft-Christensen	TC 7
G.B. Davis	TC 8
K. Brunnstein	TC 9
G.L. Reijns	TC 10
R. Meersman	TC 12
B. Shackel	TC 13
J. Gruska	SG 14

Technical Committee Chairmen Absent

M. Tomljanovich	TC 5
W.J. Caelli	TC 11 (represented by M. Tuset/TC 11 Spain)

Committee Chairmen Present

Rosa Alonso Congress 92 OC
K. Kaiser Congress 94 OC

Observers Present

A. Vaquero President, FESI
G. Haring President, Austrian Computer Society
P. Falster Activity Secretary
P. Nedkov IFIP Contracts Officer
J.L. Rosenfeld IFIP Newsletter Editor
Stephanie Smith Elsevier/North-Holland
H. Sackman TC 9 Member
F. Fernandez-Campon Congress 92 OC
M. Tanaka Assistant to M. Ozeki
N. Tomii Assistant to M. Ozeki

In **Attendance**

Gwyneth Roberts IFIP Secretariat, Geneva
Ruth Lawson IFIP Secretariat, Geneva

Secretariat

Matilde Torres
J. Pascual
I. Rey-Stolle Prade

AN OFFICIAL CEREMONY PRECEDED THE OPENING OF THE WORKING MEETING AND THE EXECUTIVE BOARD HAD THE HONOUR OF BEING JOINED BY MR. JESUS RODRIGUEZ CORTEZO, DIRECTOR GENERAL OF ELECTRONICS AND NEW TECHNOLOGIES IN THE SPANISH MINISTRY OF INDUSTRY; MR. LUIS ARROYO ZAPATERO, RECTOR OF THE UNIVERSIDAD DE CASTILLA-LA MANCHA AND MR. ANTONIO VAQUERO, PRESIDENT OF FESI.

* * * * *

1. CALL MEETING TO ORDER

The **President** opened the General Assembly Meeting and greeted all participants. He thanked the Host Society, FESI, Mr. Vaquero (President), Mr. Alvarez (GA representative) and staff **for** their kind invitation and warm hospitality.

Mr. Vaquero said FESI was very honoured to host the IFIP GA and welcomed everyone to the wonderful site of Toledo. He referred to the IFIP Congress which had just taken place in Madrid. **Mr. Vaquero** closed his message with "I wish the best for all of you".

The new GA representatives were introduced: Messrs. Bastida/Andorra, Rován/CSSR, Gergely/Hungary, Tian/Singapore and Kaela/ARCC. Also, Messrs. Haring/Austria and Kim/Korea - the Presidents of their Societies, Zhou/China - National Correspondent, Morris/South Africa and Mrs. Berdichevsky/Argentina - Members of their Societies.

Mr. Fourot announced that proxies had been received

from:		in favour of:
Mr. Monteverde	- Argentina	Mrs. Berdichevsky
CIE	- China	Mr. Zhou
ICIMAF	- Cuba	Mr. Alvarez
GCS	- Greece	Mr. Fourot
KISS	- Korea	Mr. Kim
API	- Portugal	Mr. Alvarez
Mr. Guy	- South Africa	Mr. Morris
Mr. Fairall	- Zimbabwe	Mr. Sendov
Mr. Pino	- CLEI	Mr. Alvarez

The following representatives left the GA Meeting prior to the end and their proxies were given as follows:

Mr. Bubnicki	- Poland	Mr. Tian
Mr. Morris	- South Africa	Mr. Alvarez
Mr. Kaela	- ARCC	Mr. Fourot

CNI - Tunisia had given its proxy to its Society member Mr. Ben Ahmed who, unfortunately, had been unable to attend, but had sent a letter to Mr. Fourot outlining his Society's wishes in respect of the various issues to be voted upon.

Mr. Fourot advised that excuses had been received from Messrs. Zemanek/Honorary Member and Tomljanovich/TC 5 Chairman. Also, from the representatives of Affiliate Members IAPR, IASC, FACE, IJCAII, **VLDB** and IMIA.

He regretted that no news had been forthcoming from Brazil, Canada, Egypt, Iraq, Malaysia, Nigeria, Syria, WARCS, Affiliate Member EUROMICRO and Honorary Members Auerbach and Ando.

2. APPROVAL OF AGENDA

General Assembly unanimously **APPROVED** the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (GA ZIMBABWE 91)

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

- page 27 - Nominations Committee - Trustees should include:
ELECTED Mr. Khakhar/Sweden for a two-year term (21); his name also be included in the Attendance List on page 17

Apologies were expressed to Mr. Khakhar and to his Society for **the** omissions.

4. PRESIDENT'S REPORT

The **President** drew attention to his Annual Report 1991/92 and again underlined that the heart **of** IFIP's activity was the technical work organized by the Technical Committees. During the reporting period, a number of Task Forces and projects had been activated and a number of Working Groups had revised their Aims and Scopes. The growing significance **of** IFIP's Technical Committees had generated an important discussion issue **for** the future of IFIP - namely, voting rights for TC Chairmen.

The TC activities had led to a record number of 42 publications **for** 1991 with Elsevier/N-H and, for 1992, a further 35 publications were expected in the series "IFIP Transactions". The **President** expressed his gratitude to Mrs. Smit **for** her contribution to the smooth running of IFIP publications with Elsevier/N-H.

He thanked Mr. Rosenfeld, IFIP Newsletter Editor, for his continued endeavours. The Newsletter had again proved to be very instrumental in reporting the highlights of IFIP's activities to its fraternity and the outside world.

The **President** considered that the Member Societies had diminished their activity in respect of the work **of** IFIP. IFIP had developed a lot of technical fields in which the Member Societies should be more involved.

(A)

He was recently at a SEARCC Conference where one could feel the interest of its Member Societies. They were extremely active and very enthusiastic and he congratulated SEARCC for that situation.

The **President** referred to ICSU (International Council of Scientific Unions) which had Members in the fields of Physics, Chemistry, Biology, Geology, Astronomy, etc. and a Mathematical Union created in 1952. ICSU had also established CODATA (Committee on Data for Science and Technology) and were becoming extensively interested in Informatics, on which topic he had been invited to address ICSU. ICSU had a growing desire to have one world-wide organization which would represent Informatics. IFIP, which was now an Affiliate Member of ICSU, had to think about becoming a Full Member. (A)

The President considered that the General Assembly had to spend some time in considering the problems of those countries so-called "emerging democracies". (It had been very active in helping the third-world countries.) The countries emerging from the Former Soviet Union had been represented in IFIP through their Academies of Sciences which were now in a different situation. More powerful Societies were springing up and special attention had to be paid to identify them and bring them into IFIP. He indicated that Bulgaria might try to modify its current situation. He had been President of the Bulgarian Academy of Sciences and was now President of a new Society which had been formed. The Academy would most likely apply to IFIP for the new Society to take over as the Full Member along the lines of the AFIPS to FOCUS change-over whereby the country would retain its seniority.

5. SECRETARY'S REPORT

Mr. Fourot referred to his report (SECR-1) and recalled the situation in respect of the Cuban Full Member - now more than three years in arrears with payment of Dues. IFIP had already, a year ago, accommodated a request from Cuba to postpone any action as it had expressed its intent to remain as a Full Member and settle the Dues as it became possible. Unfortunately, nothing had been forthcoming and he would in- (A) form Cuba of the termination of its Membership in IFIP in accordance with the relevant Statute 3.3 c) and Bylaw 2.8.

The Brazilian Full Member was also in arrears since 1989 and **Mr. Fourot** said he had brought the new Board of Directors up-to-date on the situation via a communication in June 1992. To-date, there had been no response; therefore, if no news were received prior to year-end, he would (A) notify the GA of the discontinuation of Brazil's Membership - per Bylaw 2.8 - and inform Brazil accordingly.

Mr. Fourot reminded the GA that IFIP interfaced with the ICSU Standing Committee on the Free Circulation of Scientists which had issued a document "Advice to Organizers of International Scientific Meetings" (dealing with visa issues) - available via the IFIP Secretariat. In the necessity of assistance, he requested concerned parties to contact him immediately. (A)

Referring to the 'Continuing Action List', which had been mailed out on 20 July 1992, he requested concerned parties to address the various issues when presenting their reports so that they could be liquidated.

(A)

Mr. Fourot recalled that, during the Trondheim Council Meeting in March 1992, it had been decided to distribute to GA representatives copies of the TC Meeting Attendance lists for discussion with their respective Societies - to nominate (where there was no representation) or to replace (non-active) TC Members. The Secretariat had sent out this information on 7 and 11 August 1992 and he trusted the matter was being pursued.

(A)

The Secretariat had a further, increased workload due to the fact that the Database had been transferred there which involved a lot of time-consuming effort. The Secretariat was also providing continuous support to IMIA. Enquiries for information were multiplying especially with the innovation of the e-mail medium.

The invitations he had received to host future Meetings would be presented under the appropriate Agenda item 16.

6. MAJOR EVENTS

6.1 IFIP CONGRESS 92 - MADRID

6.1.1 Organizing Committee

Mrs. Alonso drew attention to her extensive report complete with numerous statistics and pointed out that the number of attendees, namely 823 from 55 countries, including 170 delegates from Spain, had been lower than the projected registrations (1,100). OC considered that the low number of attendees had been due to the decreasing interest in General Congresses and the unfortunate economical year for the Informatics industries.

Accommodation prices had escalated in Spain since the initial Congress bid and, although certain modest facilities had been made available, that factor undoubtedly influenced the attendance. The provisional figures indicated an income from registration fees of CHF 451,479 against a budgeted CHF 836,097. However, it had to be borne in mind that there were a high number of student attendees who had benefited from a lower registration fee.

Mrs. Alonso drew attention to Annexe 2 of her report which gave a comparison of Actual to Budgeted Figures resulting in a negative result.

Some Speakers had been missing which had added to the confusion and disappointment of attendees, together with several other organizational mishaps, including the very late arrival of Mr. Kahn to the Opening Ceremony presided over by a Spanish Minister and

the cacophony during ensuing speeches.

The Congress, nevertheless, had been given a wide media coverage and copies of **all** articles, etc. would be sent to the IFIP Secretariat for the Archives.

(A)

Messrs. Baucknecht, Bobillier, Funk, Goldsworthy, Melbye, Tanaka, the President, et al ventured many criticisms in respect of the organization of Congress 92 and trusted that future Congress organizers would take heed of the pitfalls which had been encountered.

Mrs. Alonso expressed her dismay at what she considered certain unjustified criticism. She had attempted to do her best and had spent extraneous hours together with her devoted staff, battling against various circumstances beyond their control, to make the Congress as successful as possible.

The **President** said the final Congress 92 OC Report would be discussed at the next Council and GA Meetings. He underlined that IFIP (A) was very appreciative of all those who had donated funds to the Congress and sincerely thanked everyone who had worked for same.

6.1.2 Programme Committee

Mr. Brauer stated that he had tried to compose the Congress as an ensemble of several inter-related conferences and symposia in order to give the participants, on one hand, the feeling to be in a specialized meeting and, on the other hand, the possibility to peek into some other areas.

The idea of combining inter-related conferences had implied a new structure of the PC which had been composed, and worked, as a collaborative team of rather autonomous committees. That concept had allowed for a much wider participation of people in the planning of the Programme than in previous IFIP Congresses.

Mr. Brauer advised that PC had received 500 submitted Papers from which it had selected 171. 67 very prominent scientists had given invited lectures and other important people from academia, industry and publication administration had participated in the 16 panels and additional meetings. PC had introduced Poster Sessions which had proved to be very successful.

PC had been especially proud to have found excellent and world-wide renowned Keynote Speakers: Philip Kahn, Founder and President of Borland International - the innovative micro-computer software producer; Pamela Mc Corduck, the famous author of books on the intellectual impact of computers on civilisation and culture, including "Machines Who Think", "The Fifth Generation"; Michel Carpentier, Director General for Telecommunications, Information, Industries and Innovation of the Commission of European Communities and Josep Maria Vila, General Director of Resources and Technology for the 1992 Olympic Games.

Mr. Brauer mentioned that the Proceedings had been published as three separate books in the IFIP Transactions Series -with the hope that it would be instrumental in attracting more buyers.

Various opinions were expressed in respect of the Congress:

- **Mr. Verrijn-Stuart**: from a publications point of view was dismayed that five of the invited Speakers had not submitted Papers; approximately 350 Papers had been rejected and he felt that some of those could have been considered for the Proceedings.

- **Mr. Reijns** : as a Stream Chairman underlined the tremendous amount of work to be carried out in a short space of time behind the acceptance of a Paper and the amount of expenses involved. His University had underwritten a large sum. He felt more funds should be made available to Congress PC's. (A)

- **Mr. Rosenfeld** : considered that IFIP should give much attention to the marketing of its Congresses and concern itself with the desires of potential audiences. IFIP should initiate some way of researching as to what constituted a successful Congress for delegates. (A)

- **Mr. Grafendorfer** : felt the Member Societies should take a more responsible role in advertizing the IFIP Congresses and report on their actions in that respect, etc. (A)

- **Mr. Bobillier** : stated that it was essential for the registrations to be acknowledged immediately so that one could try and persuade colleagues and friends to attend; the deplorable wait of three months by C 92 had not enhanced enthusiasm in that respect.

Mr. Brauer concluded his report by sincerely thanking the PC Vice-Chairman, Mr. Delgado Kloos of Madrid; the Sub-Committee Chairmen, Messrs. Bollerslev, Brunnstein, Davis, Habermann, van Leeuwen, Reijns and Vogt; the Symposia organizers, Messrs. Glasson, Oakley, Page and Traub; Past Congress Chairman, Mr. Gallaire and the PC Liaison Officer with OC, Mr. Puiganer. He also thanked the OC Chairman, Mrs. Alonso, and her team, for all their efforts.

The **President** expressed his appreciation of all the hard work undertaken by Mr. Brauer and his collaborators to produce the fine programme.

6.2 IFIP CONGRESS 94 - HAMBURG

6.2.1 Organizing Committee

Mr. Kaiser expressed his thanks to the General Assembly Members for the confidence they had placed in "Gesellschaft fur Informatik - GI" to host the 13th World Computer Congress in Hamburg which, he considered, could offer all the requirements necessary to ensure a successful Congress.

He drew attention to the Congress 94 package containing the Schedule of Expenditure and Financing, Timetable, Cash Flow, Congress Organization, Organization Chart (Steering Committee, Committee of Honour, Organizing Committee, Executive Committee, Working Groups and Sub-Committees), First Announcement, Invitation letter, Hamburg leaflet, Congress Convention Center Hamburg (CCH) leaflet and pictures. He underlined the excellent technical facilities offered by CCH and the University of Hamburg should additional rooms be needed.

The First Announcement had been available for the Madrid Congress registrants and would shortly be distributed worldwide.

Mr. Kaiser outlined OC's ideas on the advertizing campaign:

- as many personal letters as possible to people around the world to introduce the Congress documents;
- GI members would be addressed individually, similarly members of the IFIP Member Societies;
- CEPIS would be approached to disseminate special letters and documents to its members;
- all 50 nations which had participated in the 92nd Informatic Olympiad in Bonn would be especially addressed;
- partner institutes of the informatics departments of Hamburg's universities and polytechnics around the world would receive special invitations;
- through the sponsors and institutional members of GI, OC would try to reach people from industry in greater number.

Mr. Kaiser thanked Mr. Funk who had mailed to him a diskette with addresses of American and Canadian Universities offering courses in computer science and companies in the United States involved in computer-related products. He called upon other GA Members to submit similar suggestions to thus enable OC to reach all possible interested groups. (A)

Mr. Kaiser indicated that between the main announcements (First Announcement, Call for Papers, Preliminary Programme and Second Call for Papers), OC intended to make some small announcements and give interesting information about the Congress to be published in Journals, Networks, etc.

The budget had not changed from that presented to the Trondheim Council Meeting by Mr. Brauer - CHF 1.87 million based on an estimated income of CHF 1.18 million from 1,500 participants. The deficit would be covered by support from sponsors. Some major companies had already been contacted - Siemens/Nixdorf, IBM and Digital Equipment. **Mr. Kaiser** requested the GA Members to help OC to get into contact with important companies which might be able to sponsor the Congress .

(A)

Mr. Bobillier felt that an objective of 3,000 rather than 1,500 participants should be considered. **Mr. Brauer** replied that OC was aiming at more than 1,500 which was the break-even figure.

He added that OC wished to reach new groups of participants with lithographs which could be utilized in appropriate magazines, etc. **Mrs. Brauer** presented the lithograph which was available from her upon request.

(A)

OC planned to have a small exhibition presenting the latest novelties on hardware and software products; there would also be a book exhibition.

Along with tutorials and scientific excursions, cultural excursions would be offered. The cosmopolitan city of Hamburg and its surroundings were extremely attractive and inviting.

Mr. Kaiser recalled that GI would be celebrating its 25th Anniversary during Congress. Additionally, the University of Hamburg would be celebrating its 75th Anniversary and had incorporated the Congress into its festival programme.

The President thanked Mr. Kaiser for his explicit report and wished him every success with the organization of Congress 94.

6.2.2 Programme Committee

Mr. Uhlig referred to his report (C94PC) and presented further information via an overhead projector.

The Congress theme would be "Computing and Communications Evolution: The Driving Forces" with three main tracks: 'Computer and Communications Power (Hardware and Software)', 'Computer Applications', 'Computer and Communications Impacts'. There would be an additional special track concerned with "The Foundations of Informatics'. Speakers in all tracks would be asked to focus on what kind of applications were expected to be avail-

able in the next decade - what would be available by the end of the 20th Century.

The Programme would be aimed at people from industry, government and the academic world and seek to bring together leaders from those three areas to present controversial views in each track.

Mr. Uhlig stated that he would prefer to have more Invited Speakers than Contributed Papers. He hoped to get a number of key people on the first day. In fact, the President of Northern Telecom had accepted to be one of the Keynote Speakers.

He intended arranging a number of discussion sessions for small groups - **for** which people would sign up in advance and sit down with the Invited Speakers for approximately 1.1/2 hours in an open dialogue.

The facilities at CCH could well allow for video conferencing and thought would be given to setting up links in several countries where people could go and hear all or part of the Congress (for which they would pay). It might be difficult in some countries in view of the time schedule. Consideration would be given to translating some of the Keynote speeches.

Mr. Uhlig recalled that, at the Trondheim Council Meeting, he had invited IFIP Members to propose representatives for the Programme Committee from their country or region, but not a wealth of responses had been received. A few people had accepted to join PC, including Mrs. Duncan who had agreed to play a significant role in the organization of the sector devoted to 'Health Information Systems'. The **President** and **Mr. Rolstadas** urged that PC have representatives from France, (A) Japan, Poland and maybe from the 'emerging democracies'. **Mr. Uhlig** hoped to have a first list of Invited Speakers by early February 1993 with a face-to-face meeting in late February, somewhere in Europe, prior to the Vienna Council Meeting. He again called upon the GA Members to submit names to him. (A) At that meeting, the Call for Papers would be finalized for distribution in April 1993.

His intention was to have the Preliminary Programme ready by September 1993, a review of Papers in February/March 1994 and the selection of same in April/May 1994. Extensive use of audio conferencing would be made in order to cut down travel costs of the PC Members and to allow for more exchanges. **Mrs. Smit** felt April/May 1994 was rather late for selecting the Papers in view of the Proceedings schedule.

Mr. Spaniol, supported by **Mr. Reijns**, was concerned that if the number of Contributed Papers were reduced, this would affect the number of Papers from Universities.

Messrs. **Rolstadas** and **Rosenfeld** felt there should be some market research to find further ways of marketing the Congress and publishing its results. **Mr. Uhlig** said he would be delighted if the Marketing Committee would look into the matter and communicate suggestions to him. (A)

Mr. Gottlieb strongly recommended PC to use famous Invited Speakers who would be of great attraction.

The **President** thanked Mr. Uhlig for his presentation and advised that he would try and get some PC Members from his part of the world. (A)

7. ELECTIONS

7.1 NOMINATIONS COMMITTEE - OFFICERS

Mr. Funk referred to his letter of 22 July 1992 which had been mailed out to Full Member GA representatives and advised that Messrs. Bauknecht, Dolan and Goldsworthy had been nominated for the office of Vice-President. There were two vacancies. Biographies of the nominees had been attached to the letter.

32 votes were available: Goldsworthy/29, Bauknecht/25, Dolan/15.

General Assembly -

RE-ELECTED Mr. Goldsworthy/Australia for a three-year term
ELECTED Mr. Bauknecht/Switzerland for a three-year term

7.2 NOMINATIONS COMMITTEE - TRUSTEES

Mr. Fourot referred to his letter of 20 July 1992 which had been mailed out to Full Member GA representatives and advised that Messrs. Bauknecht, Brauer, Gottlieb, Grafendorfer, Morris and Tienari had been nominated for the office of Trustee. There were three vacancies.

32 votes were available: Brauer/32, Tienari/23, Morris/23, Gottlieb/17, Grafendorfer/10.

General Assembly -

RE-ELECTED Mr. Brauer/Germany for a three-year term
RE-ELECTED Mr. Tienari/Finland for a three-year term
ELECTED Mr. Morris/United Kingdom for a three-year term

The President thanked the candidates for their participation and congratulated those elected.

General Assembly **APPLAUDED** the elected Officers and Trustees.

8. **TREASURER'S REPORT**

(Kindly note mentioned figures have been rounded off.)

Mr. **Melbye** drew attention to his Annual Report 91/92 and to his GA Report (a document of 17 pages: TREAS-1 - 6) which had been mailed out to GA Members, TC/SG Chairman, et al on 7 August 1992 in order to allow for prior perusal.

8.1 1991 AUDITED ACCOUNTS

Mr. Melbye addressed TREAS-3: 1991 Accounts (Actual Audited, Budget Approved, 1990 Actual Audited). The final result was a surplus of CHF 210,861 against a budgeted deficit of CHF 24,700 which was very close to the figures he had presented at the Trondheim Council Meeting. Expenses had totalled CHF 541,943 against an income of CHF 752,805; respectively 11% below and 28% above budget. Assets as at 31 December 1991 amounted to CHF 1,495.232. He presented TREAS-2, the Auditor's Report.

General Assembly unanimously APPROVED the 1991 audited figures.

8.2 1992 ACCOUNTS

Mr. Melbye drew attention to the actual recorded figures for January - June 1992, also contained in TREAS-3 together with the 1992 Budget Approved. The surplus of CHF 201,000 appeared quite bright compared to the budgeted deficit of CHF 42,500. However, he emphasized that most of the expected income for the entire year had been thus far received - CHF 445,395, whereas only approximately half of the year's expenses were recorded - CHF 243,500. Taking into account all factors, as outlined in TREAS-1 and the Annual Report, he foresaw a deficit for 1992 of around CHF 50,000.

Mr. **Melbye** subsequently presented the 1992 figures to end of August 1992 which showed a reduced surplus figure of CHF 129,167 (TREAS-3B).

TREAS-6 - IFIP Event Financial Report as per 30 June 1992 outlined the events sorted by TC and event month with the position of loans, grants and surplus received. **Mr. Melbye** requested the TC Chairmen to look carefully at all events under their responsibility to see if any of those events could generate proceeds and urged that such proceeds be transferred to IFIP prior to year-end.

(A)

8.3 DUES SITUATION

TREAS-4 outlined the IFIP Membership Dues situation as per 30 June 1992. CHF 277,450 had been invoiced of which CHF 123,600 had not been paid prior to the end of June. In addition, CHF 50,000 were still outstanding from previous years. Reminders had been sent to the concerned countries of which quite a number had meantime settled their Dues. The 1991 back Dues for Argentina were currently in the banking pipeline. CLEI had also just paid its outstanding 1990 Dues.

8.4 INVESTMENTS

Mr. Melbye referred to TREAS-5 - IFIP Portfolio Valuation Report as per 30 June 1992 which showed a return on assets of CHF 35,546. The investments would be further reported on by the Finance Committee.

8.5 1993 BUDGET

Mr. **Melbye** presented TREAS-3B (updated 15 September 1992) outlining the Requested and Proposed figures for 1993 together with the 1992 Approved Budget for comparison purposes. The Requested Budget implied a deficit of nearly CHF 86,000.

It had not been possible to draw up a balanced Budget (as had been the general requirement expressed by the Finance Committee) and he had been asked to "squeeze" the Requested Budget so that the deficit in the Proposed Budget would be no higher than CHF 50,000. He said he could find only small possibilities on the income side, so he had been forced to reduce the expenses, including the TC Operating Expenses. **Mr. Melbye** felt that, if any particular problems should arise during the course of 1993, the TC Funds could provide support. He pointed out that the Budget contained a figure of CHF 14,000 in respect of Dubious Dues, but sincerely hoped the whole amount would not have to be written off. Albania, which had just been admitted as a Full Member would be requested to pay 1993 Dues of CHF 2,500.

Following various comments on the part of some TC **Chairmen**, et al, Mr. **Melbye** moved that the Proposed Budget for 1993 be approved.

General Assembly unanimously **ADOPTED** the motion.

Mr. Bobillier said that, during his two-term Presidency, he had never been presented with such clear figures so beautifully imaged and he wished to congratulate Treasurer Melbye for his very impressive documents. The President wholeheartedly concurred and underlined that Mr. Melbye had indeed set a standard for IFIP for the future. General Assembly **APPLAUDED**.

9. TECHNICAL ASSEMBLY

Mr. Rolstadas advised that TA had met the previous day. All the TC's and the SG had been represented by their Chairmen except TC 5 (by Cognizant Officer) and TC 11 (by Spanish TC member). Two Affiliate Members had also been represented - ICCO and FACE. Several other persons had been invited to address particular issues.

He referred to his report (TA-1) which contained 19 Appendices - being the TA Agenda, documents submitted by the TC's, SG, et al. Affiliate Member documents reports were to be found in the IFIP Annual Report or GA Binder. He would cover some of the high-lights

TECHNICAL COMMITTEE 2

TC 2 had considered a proposal to create a new category of affiliate membership in its WG's where they would participate actively by correspondence or via other contacts with WG members. TC 2 had attached Guidelines for affiliate membership to its report (Appendix 2). The current Statutes and Bylaws did not prevent them from undertaking such an endeavour; however, TA had felt there was no need for common Guidelines in that respect, it should be left up to each TC to decide. In the IFIP Bulletin, there would be no distinction made between the various categories. It had been proposed to limit the number of such members and to fix certain duration.

TC 2 had underlined the overlap problem with SG 14 - in particular between WG 2.2 (Formal Description of Programming Concepts) and WG 14.3 (Foundations of Systems Specifications). {Refer to further comments under SG 14}

WG's 2.1 and 2.4 had had their Aims and Scopes approved at the March 1993 TA meeting in Trondheim and the new texts would appear in the revised IFIP Information Bulletin No. 24 - October 1992. It was anticipated that a new Chairman for WG 2.6 would be elected at its next meeting in November 1992 to succeed Mr. Meersman.

TECHNICAL COMMITTEE 3

TC 3 was considering the possibility of establishing a new WG on "Equity Issues" or "Gender Issues" - provoked by the decision at the Trondheim TA meeting 'to ask TC 3 to look into the question of education of women for computer science and to focus on how female teachers could contribute in that respect'.

TC 3 was in the throes of discussing new Aims for itself, but they still had to be ratified by TC 3 before presentation to TA and GA. {Actually, the possible new Aims do appear in IFIP Information Bulletin No. 24.}

In order to get more non-Europeans involved in its work, **TC 3** would **try** to organize further events in non-European parts of the world.

TECHNICAL COMMITTEE 5

TC 5 was currently seeking new Chairmen for **two** of its inactive Working Groups - 5.6 and 5.8.

TA had approved new Aims and Scopes for WG 5.4 and WG 5.11. WG 5.4 had also changed its name to "Industrial Software Quality and Certification". {Refer to Appendix 1 to these Minutes}

TC 5 was unhappy with the current TC Fund Contribution Rules and considered it had been disfavoured in comparison to those previously established. The new Rules tended to discourage taking initiatives in developing countries. Mr. **Melbye** said he would look into the situation.

(A)

TECHNICAL COMMITTEE 6

TC 6 had created four Task Force Groups - "Broadband Communication", "Intelligent Networks", "Wireless Networks" and "Performance of Communications Systems". The latter had some overlap with WG 7.3. However, as most of its initiators were members of that WG, it was felt the matter could be resolved compatibly.

TECHNICAL COMMITTEE 7

The Working Groups now appeared to be functioning satisfactorily and the 'overlappings' apparently were no longer a problem.

TECHNICAL COMMITTEE 8

TC 8 had had difficulties with WG 8.5 and a new Chairman had been appointed to invigorate same.

TC 8 was interested in being the focal point for a WG on "Technology Transfer". It planned to hold a Conference in order to identify the level of interest. {Refer to separate item on this issue}

A new strategic initiative of TC 8 was to have the national representatives present reports at the administrative meetings on what they were doing to transfer information and generate interest in TC 8 activities. Mr. **Rolstadas** encouraged other TC's to follow that example.

(A)

TECHNICAL COMMITTEE 9

TA had approved renaming WG 9.6 to "Information Technology Mis-Use and the Law". It had also approved the establishment of a new Working Group - 9.7 "History of Computing" together with its Aims and Scope. {Refer to Appendix 1 to these Minutes}

TC 9 had strongly suggested that IFIP establish rules for the organization of Summer Schools. It had agreed to undertake the responsibility to draft such a policy for presentation and discussion at the next TA meeting. (A)

TECHNICAL COMMITTEE 10

TC 10 considered that IFIP should enter into the field of 'Virtual Reality' where the social implications could not even be estimated. The idea had been supported by several of the TC's. TC 10 would, therefore, investigate the possibilities of creating a Group in that area in co-operation with other TC's and report on same at the next TA meeting. (A)

TECHNICAL COMMITTEE 11

TC 11 had proposed a new Working Group - 11.9 on "Information Technology Crime Investigations and Intelligence". However, TC 9 had felt that the suggested Aim and Scope {as listed provisionally in IFIP Information Bulletin No. 24} should be carefully considered prior to adoption. TA also felt that there should be a list of some possible members before the Group was established. TA had, therefore, postponed its establishment until the aforementioned issues had been handled.

TA had approved new Aims and Scopes for WG 11.1, WG 11.2 and WG 11.4. {Refer to Appendix 2 to these Minutes}

TECHNICAL COMMITTEE 12

TA had approved revised Aims and Scopes for WG 12.1, WG 12.2, WG 12.3 and WG 12.4. {Refer to Appendix 3 to these Minutes}

TECHNICAL COMMITTEE 13

TC 13 had proposed the establishment of a new Working Group - 13.3 "Human-Computer Interaction and People with Special Needs". TA had approved same together with its Aims and Scope. {Refer to Appendix 4 to these Minutes}

IFIP SPECIALIST GROUP 14

Mr. Rolstadas recalled that TA had appointed a Task Force, under the Chairmanship of Mr. Brauer, to review the activities of SG 14 with the aim of considering whether it should become a permanent SG, a TC, attached to another TC or disbanded. The Task Force had recommended that SG 14 become a permanent Specialist Group. However, there was a severe overlap in the way the Aims and Scopes were written for SG 14.1 and WG 2.5, likewise for SG 14.3 and WG 2.2. Nevertheless, TA invited GA to formally approve that SG 14 be turned into a permanent SG with its current Aims and Scope.

General Assembly unanimously **APPROVED** the recommendation, with the understanding that the TA Chairman would be authorized to approve revised Aims and Scopes for WG 14.1 and WG 14.3 if endorsed by both the SG 14 and TC 2 Chairmen.

TC REVIEWS

Mr. Ozeki had presented the status of the TC Reviews to TA. Reviews of TC 3 and TC 9 had been completed and the Reviews of TC 6 and TC 8 were ongoing.

TA had accepted the Review Reports of TC 3 and TC 9 as they were, based on the presentations by the RC Chairmen, respectively Messrs. Balasubrahmanian and Ozeki. However, as TA had not been given enough time to study same in detail, **Mr. Rolstadas** said he had stated that if any TA member had further comments, they could be raised at the next TA meeting. The concerned TC's had been requested to plan actions in compliance with the Review recommendations.

(A)

QUALITY ASSURANCE OF COMPUTER SOFTWARE

Mr. Gonzales Sanz had been invited to address the Technical Assembly on quality assurance (QA) of software. He had given an explicit report on the major problems and different definitions of terms. Additionally, he had explained the various models for software QA and the efforts made in standardization.

Mr. Gonzales Sanz had recommended that IFIP (a) establish a Working Group to prepare a proposal to launch a Technical Committee on "Software and Systems Assurance", and (b) that the TC should prepare and produce studies on various aspects of QA.

TA had felt that QA should be treated with concern by every TC and they had been encouraged to thus do so.

(A)

MICROPROCESSOR CARD TASK FORCE

Mr. Cordonnier had presented a report on behalf of the Task Force and had explained the difficulty in trying to establish activity in the Microprocessor Card field as there were conflicts with other events and goals. There was no possibility to establish a WG and TF felt an extended responsibility should be given to WG 8.4 "Office Information Systems" which had arranged a small, yet successful, Conference on "The Portable Office: Microprocessor Cards as Elements of Distributed Offices" in June 1992 in Ottawa/Canada.

Notwithstanding the problems, TA realized the importance of the area and had decided to continue the Task Force which would work together with WG 8.4 and try to liaise with other organizations engaged in the subject. Mr. Cordonnier had agreed to continue to Chair the Task Force and to make further attempts to establish activity.

TASK FORCE ON FRACTALS

Mr. Rolstadas advised that a Chairman for the Task Force had been identified - namely, Mr. Novak (U.K.) who had submitted a written report to TA as he had been unable to participate.

The projected number of TF members was about ten and its formation was expected to be completed by the middle of October 1992. The broad Aims of the TF would be to create a forum conducive to the exchange of information within the multi-disciplinary environment. The Scope would involve all **the** aspects of Fractals as well as the relation to Chaotic Dynamics. Mr. Novak trusted to hold a WC in the middle of 1993.

CONGRESS 94 PROGRAMME

Mr. Uhlig had presented to TA an updated version of the Programme structure. The approach had been characterized as ambitious, but had been strongly supported by the majority of the Technical Assembly.

{Refer to Agenda item 6.2.2 Congress 94 Programme Committee}

CODE OF ETHICS PROJECT

Mr. Brunnstein had reported to TA on the Ethics project. A Panel discussion had been held at Congress. 92 Chaired by IFIP President Sendov. Mr. Sackman, who had initiated the project, had also presented his views to TA.

Mr. Rolstadas stated that TA had recognized the work of Mr. Sackman which had made it possible for IFIP to start establishing a Code of Ethics and recorded that:

- TA had received the document provided by Mr. Sackman and acknowledged his work.
- TA would establish a Task Force to continue the work on Ethics with the terms of reference as outlined in the **TC 9** report to TA (Appendix 8). The Chairman of the TF would be appointed by the TA Chairman. TC 9 would be asked to manage the TF. The TF should submit a framework for a Code of Ethics within eighteen months.

(A)

(A)

COMPUTER AND CULTURE

Mr. Brunnstein had suggested this new activity to TA and a Session on same would be planned at Congress 94. WG 9.2 "Social Accountability" would assist with the preparation and present plans for a related WG in due course.

COMPUTERS AND DISABILITY

Mr. Brunnstein had advised TA that a Working Group proposal would be prepared and discussed at the TC 9 meeting in July 1993. It had been agreed that a Session on this topic also would be planned at Congress **94**.

REVERSE ENGINEERING

Mr. Rolstadas said he had advised TA of a letter he had received from TC 11 whereby it had decided to drop the intended Resolution. The matter would, therefore, no longer be pursued.

CONGRESS 96 PROGRAMME COMMITTEE

Mr. Rolstadas advised that a number of proposals for C 96 PC Chairman had been received from TC Chairmen and GA representatives. An appointment would be made shortly.

{Subsequently, Mr. Rolstadas, as President, appointed Dr. P.P. Gupta (India) as C 96 PC Chairman.}

AMB REPORT

Mr. Melbye had reported to TA on AMB decisions taken and had outlined a new scheme for budgeting the proceeds from activities. {Refer Agenda item 10 Activity Management Board}

TECHNOLOGY TRANSFER

Mesdames Fowler and Levine (U.S.A.) had been invited to TA to present a proposal for IFIP to undertake activities in the field of Technology Transfer. They considered IFIP should enter into that field as it was working on **an** inter-national basis with diversified dissemination of information and representing non-commercial interests.

TA had agreed that IFIP should try to organize a Working Conference on the subject and, based on the results, investigate the possibility of a permanent Group dealing with Technology Transfer. TC 8 would take the responsibility for further action.

(A)

IFIP WORLD CONGRESS PROGRAMME STRUCTURE Mr. Rolstadas

said he had recommended general principles to TA which had been discussed and slightly modified. He presented to the General Assembly the final document which TA had endorsed as 'Guidelines'. {Refer to Appendix 5 to these Minutes}

As Mr. Rolstadas would be stepping down as TA Chairman in order to take over his new function as IFIP President, **President Sendov** thanked him most sincerely for all his arduous work, efforts and accomplishments within TA. General Assembly **APPLAUDED**. Mr. Bauknecht was appointed as the new TA Chairman.

10. ACTIVITY MANAGEMENT BOARD

Mr. Melbye drew attention to his updated version of the AMB Annual Report 91/92 (a statistical overview) and to his report to GA -AMB-1 pertaining to the improved event management operations, TC Funds, etc. The Database system, which had been initiated by Mr. Navez (Belgium) in 1984, furthered by Mr. Glaser (U.S.A.) and subsequently handled by the Activity Secretary, Mr. Falster (Denmark), had been transferred to the **IFIP** Secretariat where it was being handled, under his guidance, by Mrs. Lawson to whom he expressed his appreciation for her dedicated efforts. **Mr. Melbye** put on record his sincere thanks to Mr. Falster who had made a significant extension of the system and had devoted many hours to same.

He presented AMB-2, the IFIP Event Status Summary as per 30 June 1992, which showed a high level of activity of 88 events in approximately 26 countries during the reporting period.

Mr. Melbye referred to AMB-3, IFIP Plan Report sorted by Country, Date, Responsible Body Sequence for the period beginning 1 September 1992. He called upon the GA Members to examine it, take up contact with their Societies and liaise with the respective TC/WG Chairmen organizing events in their countries in order to amplify the visibility of IFIP. He also requested the TC/WG Chairmen to keep the IFIP Secretariat aware of any changes in dates and titles of events, etc. (A)

Mr. Melbye put forward AMB-4, Proposal re Introduction of a Sponsorship Fee, in order to generate proceeds from the activities. (A)

Following a long discussion, the wording of the Proposal was modified as follows:

From each event, for which Full or Main Sponsorship by an IFIP body has been given, IFIP expects to be compensated by a fee depending on the category, attendance and duration of the event. As a guideline for the fee, it may be defined as a basic fee per event category times the number of attendees and the number of days -

Open Conference	CHF 10.--.
Working Conference	CHF 5.--.
Workshop, Seminar	CHF 0.--.

The President called on the General Assembly to approve the concept which should be seen as a guideline, but not as an obligation for all events (although IFIP should try to move in that direction).

General Assembly **ADOPTED** the guideline, with two abstentions. (A)

Mr. Melbye presented AMB-5, a report from AMB which had met just prior to GA where the aforementioned issues had been discussed and, in addition, budget considerations. The TC 5 Chairman felt that his Committee was being 'penalized' by the new method for defin-

ing the TC Fund Provision. TC 5 was making efforts to arrange events in Developing Countries which did not allow for the generation of surplus- Mr. **Melbye** said that, as a compensation, he would be flexible in his budget review regarding TC 5 as well as other TC's which might not be able to generate as many proceeds as expected.

11. REGIONAL ACTIVITIES IN EUROPE

Mr. Melbye addressed the subject of CEPIS (Council of European Professional Informatics Societies) and recalled that it comprised 19 Societies in 16 European countries - most of which were also Members of IFIP. Mr. Dolan and himself were Vice-Presidents of CEPIS and had attended its Council Meeting, June 1992, Finland. The following was scheduled for March 1993 in Vienna alongside the IFIP Council Meeting.

Highlighting some of the CEPIS activities, **Mr. Melbye** advised that it had four Task Forces concentrating upon 'Professional Issues', 'Technical Issues', 'Legal Issues/Computer Misuse' and 'Social Issues'. A new Task Force on 'Standardisation Issues' had been created and a further initiative concerning 'Parallel Computing' was in the pipeline.

He felt it was most important for IFIP and CEPIS to co-operate and highly appreciated that the Council Members of both organizations would be able to meet together in Vienna.

12. TECHNICAL COMMITTEES/SPECIALIST GROUP

(N.B. kindly also refer to Agenda item 9 - Technical Assembly)

12.1 TC 2 SOFTWARE: THEORY AND PRACTICE

Mr. Poole referred to his updated Annual Report 91/92 distributed to all GA participants. No TC 2 meetings had been held during the reporting period, but it had just met in Finland on 14 and 15 August 1992 following the WG 2.7 WC on "Engineering for Human-Computer Inter-action".

He advised that the WG 2.1 State-of-the-Art Seminar on "Formal Program Development", Rio de Janeiro, January 1992, had been a very successful event with between 60 to 70 participants. The second WG 2.2 State-of-the-Art Seminar on "Formal Description of Programming Concepts" had taken place in Bombay, February 1992 adjacent to a Working Group meeting which had reduced the costs as the WG speakers had paid their own travel expenses to India. The WG 2.3 planned Seminar for August 1992 in Bangkok had had to be postponed due to the civil disturbances prevailing at that time.

Mr. Poole said that the TC 2 Six Year Plan looked a little thin, but the three theoretical Groups - WG'S 2.1, 2.2 and 2.3 - had decided to arrange a joint WC on "Programming Concepts and Methods" for June 1994 in Pisa. WG 2.4 was planning to hold a DC Seminar in South Africa, at the time of its March 1993 meeting, on "Systems Implementation: Languages and Applications" offering technology transfer to attendees from the African States. DCSC would help to finance some of the travel for people coming from neighbouring States.

TC 2 still had to decide where to hold its next meeting.

12.2 TC 3 EDUCATION

Mr. Bollerslev indicated that TC 3 had just had a very successful meeting in Madrid. He had contacted the GA Members and was happy to announce that TC 3 had two new representatives - namely, from Tunisia and Zimbabwe. A third TC 3 Vice-Chairman had been elected, Mrs. Wills/Australia. In that way, each Vice-Chairman was responsible for a certain part of the world.

Five successful Working Conferences had been held during the last year and Proceedings had been published from four of them.

Unesco had approached TC 3 to assist in updating the 1984 produced booklet "A Modular Curriculum in Computer Science" and would provide some funding for a meeting in Europe. Unesco had also asked WG 3.1 to develop "A Modular Curriculum in Informatics for Secondary Education" to be used in DC's and in the Intergovernmental Informatics Programme. A very detailed budget had been worked out and TC 3 was now in negotiation with Unesco on the issue.

TC 3 had been involved in the preparation of Congress 92; it had organized a stream devoted to "Education and Informatics".

Mr. Bollerslev said TC 3 was planning for a "WCCE" in 2001 and he had invited bids.

He had attended the SEARCC Conference in Malaysia in early August 1992 at which President Sendov had been a keynote speaker and had accepted to represent IFIP on the SRIG-ET. He strongly favoured collaboration between IFIP and the South East Asian countries.

Future TC 3 meetings: Birmingham, U.K. 28-29 August 1993
Hamburg, Germany 26-27 August 1994
Birmingham, U.K. 22-29 July 1995

12.3 TC 5 COMPUTER APPLICATIONS IN TECHNOLOGY

Cognizant Officer **Dolan** reported on behalf of Chairman Tomljanovich who had sent his apologies for non-attendance.

TC 5 had held its last meeting in Tokyo, Japan on 23 June 1992 and the next one was scheduled for Phoenix, U.S.A. on 17 September 1993.

TC 5 had expelled the inactive members from Australia, South Africa and United Kingdom. No substitutes had yet been nominated to replace the previously expelled members from Belgium, Greece and Portugal. **Mr. Dolan**, therefore, urged the respective GA Members to take the necessary action within their Societies to find suitable representatives. (A)

Mr. Bologna/Italy had succeeded Mr. Ehrenberger/Germany as WG 5.4 Chairman and new Chairmen were being sought for WG's 5.6 and 5.8.

The new WG 5.11 on "Computers and Environment" now had around thirty members, but should be extended further. GA Members were invited to contact its Chairman, Mr. Guariso, with suggested names. (A)

TC 5 was an extremely active Committee and had 34 future events planned.

Mr. Dolan was very appreciative of the way in which the TC 5 Chairman kept him informed on all matters.

12.4 TC 6 COMMUNICATION SYSTEMS

Mr. Spaniol informed that TC 6 had been very active during the reporting period and a number of Proceedings had been produced which were very successful. It was also the biggest contributor to the IFIP Funds.

TC 6 was always studying new topics and had created four Task Force Groups concerned with 'Broadband Communication', 'Wireless Communication', 'Intelligent Networks' and 'Performance'. The latter would intensively co-operate with WG 7.3 to cope with overlap. **Mr. Spaniol** foresaw that some of the Task Force Groups would develop into Working Groups in the years to come, and certainly in the case of 'Broadband Communication'.

TC 6 only had four WG's; WG 6.1 was doing excellent work. Since the change in Chairmanship, WG 6.4 had become much more active.

TC 6 supported the formation of a 'Communication Interest' Group, but had insisted that it be Africa-wide.

Mr. Spaniol advised that the second 1992 TC 6 meeting would be held in Trivandrum, India, 30-31 October and the first 1993 meeting in Versailles, France, 5-6 April.

12.5 TC 7 SYSTEM MODELLING AND OPTIMIZATION

Mr. Thoft-Christensen referred to his Annual Report 91/92 and advised that the next TC 7 meeting would take place in Compiègne, France on 22 December 1992.

He drew attention to the list of attendees at TC 7 meetings and said it had been decided to delete those persons who had not been at a meeting in the last three years. Mr. Thoft-Christensen said he would very much appreciate Member Societies nominating representatives to TC 7, especially Argentina, Australia, Belgium, Bulgaria and South Africa.

(A)

The 16th TC 7 Conference would be held in Compiègne 5-9 July 1993 and it was hoped to hold the 17th (1995) in South-East Asia or, at least, outside of Europe.

The Working Groups were all active and doing a good job, especially WG 7.7 under the Chairmanship of Mr. Kall who was also the TC 7 Vice-Chairman.

12.6 TC 8 INFORMATION SYSTEMS

Mr. Davis referred to his Annual Report 91/92 and advised that TC 8 had just held a meeting in Madrid. It was scheduled to meet in the Netherlands 15-16 May 1993 and in Australia 8-9 May 1994.

He drew attention to the list of attendees at TC 8 meetings which had been split into active, semi-active, inactive and never active members, and was particularly distressed that Canada had not had a representative since 1983. He also called upon the GA Members to examine the list and take the necessary action to appoint active people to TC 8.

(A)

Mr. Khakhar, Cognizant Officer advised that Mr. Davis/U.S.A. had been elected to a second three-year term as Chairman of TC 8 (1993-1995). The incoming President would confirm same in writing. Mr. Hanani/Israel had been re-elected as Secretary (1993-1995) and Mr. Glassen/Australia as Vice-Chairman for a two-year term (1993-1994).

Other changes: WG 8.1 - Mr. Olive/Spain re-elected as Chairman (1992-1994). Mrs. Rolland/France elected as Vice-Chairman (1992-1994). Mr. Van Assche/Belgium re-elected as Secretary.

WG 8.3 - Mr. Sol/NL re-elected as Chairman (1992-1994). Mr. Lyytinen/Finland re-elected as Vice-Chairman (1992-1994).

WG 8.4 - Mr. Vogel/U.S.A. elected as Chairman (1992-1994). Mr. Bots/NL elected as Vice-Chairman (1992-1994). Mr. White/Canada as North American Secretary (1992-1994).

Mr. Davis paid tribute to Mr. Verrijn-Stuart who had participated in the founding of TC 8 and had been very active as its Chairman during 1978-1983 and also as Chairman of WG 8.4 from 1986 to 1991. He was now retiring as the Netherlands representative (since 1975) and would be sorely missed. He had been honoured by his TC 8 colleagues at a special dinner and elected as an honorary member of TC 8.

The overall status of TC 8 was good and it was spending time, together with the WG Chairmen, in undertaking strategic planning to identify new directions and alliances that could utilize IFIP in improving international co-operation and sharing. The Working Groups were being encouraged to seek alliances with other organizations in order to leverage the influence and usefulness of IFIP.

TC 8 was sponsoring and encouraging the completion and distribution of the Directory of Information Systems Faculty in Europe and a similar Directory for the Asian-Pacific region.

12.7 TC 9 RELATIONSHIP BETWEEN COMPUTERS AND SOCIETY

Mr. Brunnstein referred to his report and mentioned that TC 9 had just met in Madrid. Its 1993 meeting was planned for 31 July-1 August in Farnham, U.K.

He drew attention to the TC 9 meetings attendance list (since 1980) and equally called upon the GA Members to appoint active representatives to the Committee. (A)

Mr. Brunnstein thanked President Sendov who had had the special task of monitoring the TC 9 Session at Congress 92.

Mr. Rolstadas, incoming President, said he would confirm in writing the re-election of Mr. Brunnstein/Germany as TC 9 Chairman for a second term (1993-1995). Mr. Clement/Canada and Mr. Jaervinen/Finland had been respectively elected as Vice-Chairman and Secretary for the same period. (A)

In respect of WG 9.1, Mrs. Wagner/Austria, Mr. Clement/Canada and Mr. van den Besselare/NL had been respectively elected as Chairman, Vice-Chairman and Secretary (1993-1995).

Mr. Brunnstein advised that the WG 9.1 Task Group **re** "Women, Work and Computerization" would probably emerge as a Working Group to increase its visibility. It had organized well-respected Working Conferences.

He highlighted some of the activities of the Working Groups and drew attention to an 'unusual event' being prepared by WG 9.6 - its first WC on a Conference ship sailing between Stockholm and Saint Petersburg, including a one-day Session in Russia.

Mr. Brunnstein called upon the GA participants to submit names to him of possible members for the newly-approved WG 9.7 "History of Computing".

(A)

New activities were being established in the fields of "Computing and Disability" and "Computers, Culture, Media". Sessions on those topics were being planned in the programme of Congress 94.

The Code of Ethics Project had been discussed at TA and a Task Force established under the Chairmanship of Mr. Berleur, WG 9.2 Chairman with President Sendov as the cognizant Officer. The TF would prepare a document on "Guidelines for Codes of Ethics and Professional Conduct".

12.8 TC 10 COMPUTER SYSTEMS TECHNOLOGY

Mr. Reijns referred to his Annual Report 91/92 and advised that TC 10 had held its last meeting in January 1992 in Lyngby, Denmark.

The representatives from Australia, Belgium and Portugal had been expelled and he understood that a successor would be found for Australia; Belgium had already appointed a new person. Greece had recently joined the Committee.

Mr. Reijns said he would stand down as Chairman on 2 April 1993 and action had been taken to find a successor. WG 10.4 was likewise looking for a new Chairman.

The new financial arrangements for the handling of TC Funds had been well received by TC 10 which had decided to allocate same to the WG's proportionally to their contributions to the Fund; the remainder would be used to start up new activities.

TC 10 recognized the importance of holding events in Developing Countries. However, if no DC were represented in a particular Working Group, it would be too difficult to organize same.

TC 10 recommended that Elsevier/N-H investigate the possibility of producing the IFIP Transactions in CD ROM form.

(A)

Mr. Reijns said TC 10 had been responsible for a stream at Congress 92. The panel on "Concurrent Engineering" had been very interesting and attended by a large number of people.

Being his last GA appearance, **Mr. Reijns** thanked everyone for the collaboration and friendship he had received. The **President** expressed IFIP's appreciation to Mr. Reijns for his services to TC 10 which was a very active Committee. General Assembly **APPLAUDED**.

12.9 TC 11 SECURITY AND PROTECTION IN IP SYSTEMS

Mr. Tuset, TC 11 Spanish member, represented Mr. Caelli who had sent his excuses for non-attendance.

TC 11 had met in Singapore on 25-26 May 1992 immediately preceding IFIP/SEC'92. WG 11.1 had also held a Workshop and meeting adjacent to same. IFIP/SEC'92 had been very well attended and the Proceedings had been completed within one week of the ending of the event.

GA Members were requested to nominate active members to the Committee. (A)

Mr. Tuset announced that IFIP/SEC'91, held in England, had contributed around £stg.7,000 to IFIP. Over 300 delegates had attended that Conference.

The next TC 11 meeting was planned for 9-10 May 1993 in Toronto, Canada in conjunction with IFIP/SEC'93.

Mr. Tuset advised that TC 11 would be taking a more positive role in the investigation of security in personal computers, small systems and associated LANS and servers, etc.

Mr. Brauer wondered if the planned TC 11 activities for 1994 could be restructured in order to avoid competition with Congress 94. (A)

12.10 TC 12 ARTIFICIAL INTELLIGENCE

Mr. Meersman said that TC 12 had met on 13 July 1992 in San Jose, California where Mr. Hong/U.S.A. had been appointed as Vice-Chairman.

He advised that WG 12.3 had held its first real WC in China in July 1992 (IWAR'92) and the Proceedings were in the process of being published by Elsevier/N-H.

Mr. Meersman explained that the Scientific Advisory Group (SAG) had undergone a slight change of use within TC 12. The original plan was to have it function as an advisory body. However, due to difficulties of communication and the resignation of its Convenor, it would continue to func-

tion as a separate Group, but its members would be encouraged to join existing and/or future TC 12 WG's.

TC 12 had 26 members well spread over the globe. However, **Mr. Meersman** indicated there were several countries which were highly representative of AI yet not members - namely, Canada, China, Germany, Portugal and FSU. Both Canada and Germany were very well represented in the WG's. He called upon the respective Member Societies to nominate people.

(A)

Two of the WC's planned for 1993 should result in Proceedings. One Conference would take place in Hamburg just prior to the Congress.

Mr. Tienari, Cognizant Officer, considered that TC 12 had acted well during the past year and he was optimistic about its future.

12.11 TC 13 HUMAN-COMPUTER INTERACTION

Mr. Shackel referred to his Annual Report 91/92 and advised that TC 13 had held its last meeting on 5 September 1992 in Paris, France.

At that meeting, he was re-elected Chairman for a second three-year term. The incoming President, **Mr. Rolstadas**, said he would confirm the appointment in writing. Mr. Hammond/Australia had been appointed as Vice-Chairman.

(A)

Mr. Shackel informed that Officers had also been appointed for the new WG 13.2 (established by TA in Trondheim, March 1992): Mr. Tauber/Germany - Chairman, Mr. Carroll/U.S.A. - Vice-Chairman, Mr. Sutcliffe/U.K. - Secretary.

As mentioned previously "INTERACT'93" would be held jointly with the ACM "SIGCHI'93" under the name of "INTERCHI'93" in Amsterdam, 24-29 April 1993. The Call for Papers had been distributed to over 30,000 people and it was felt there would be between 1,000 to 1,400 participants.

Mr. Shackel was happy to report that the publications of the previous "INTERACT" Conferences had achieved good sales, were still available and selling quite well.

12.12 SG 14 FOUNDATIONS OF COMPUTER SCIENCE

Mr. Gruska felt that as SG 14 had now been turned into a "permanent" SG, this would certainly have a significant impact on the future.

He referred to the very successful Conference "LATIN'92", 6-10 April 1992, Sao Paulo which had been sponsored by SG 14. Support had been received from Unesco to which a very detailed report (50 pages) had been sent. Approximately 100

delegates from some 13 countries had participated. Further Conferences were being considered for 1994 and 1996 in respectively Venezuela and Chile.

WG 14.3 would, most likely, organize a special Workshop during Congress 94 and publish a State-of-the-Art report on "Foundations of Systems Specifications".

13. COMMITTEE REPORTS

13.1 ADMISSIONS COMMITTEE

Mr. Ozeki referred to his report (AC-1).

ALBANIA: Institute of Informatics and Applied Mathematics (INIMA) had applied for admission as a Full Member which, after careful consideration, AC recommended. The **President** said he had been in Albania almost two years ago. At that time INIMA had been very enthusiastic about being involved with IFIP and he supported the application. Albania was one of the emerging democracies.

General Assembly unanimously **ACCEPTED** Albania as a Full Member.

SEARCC: **Mr. Ozeki** stated that SEARCC had withdrawn as a Full Member of IFIP effective 1 January 1992, but had subsequently applied for Affiliate Membership. A small Task Force had been formed to examine the matter and, upon its advice, AC had concluded that SEARCC was inappropriate for Affiliate Membership since it was a group of countries and not a technically specialized group.

Mr. Bollerslev said the feeling within SEARCC vis-a-vis IFIP was good. It was very active and he highly favoured collaborating in some form, especially in the educational area.

After a lengthy discussion, during which it became very apparent that ties with SEARCC did not wish to be severed, the following Resolution was proposed with which the General Assembly **CONCURRED**:

"In considering the application of SEARCC for Affiliate Membership, it was emphasized that IFIP is constantly endeavouring to promote more effective relationships with those Societies which wish to participate in IFIP.

"To this end, the introduction of a new grade of Associate Member was seen as being an appropriate way to give individual members of Regional groupings an opportunity to play a more direct and active role in IFIP.

"In these circumstances, it was considered prudent to pursue further discussions with all appropriate parties before a decision was taken on this application.

"It was decided, therefore, to let this matter lie on the table until these discussions could ensue."

The **President** recalled that he had put forward the 'Associate Member' proposition to the Presidents of the SEARCC Societies, which were not already Full Members of IFIP, following the 1991 General Assembly Meeting.

Mr. Ozeki advised that Belarus, Georgia, Latvia, Lithuania, Moldova and Turkmenistan (former FSU), Mexico and Saudi Arabia were interested in applying for Membership. The American Association for Artificial Intelligence (AAIL) was interested in Affiliate Membership. The necessary information had been provided to them. The **President** said he had also written to other FSU States. He indicated that Moldova would like to merge with Romania. Macedonia had also contacted him in respect to a relationship with IFIP.

13.2 CONGRESS GUIDELINES COMMITTEE

Mr. Alvarez announced that the Committee had met during the course of the week. The Guidelines had always been missing a good number of appendices (e.g. announcements, calls for papers, standard letters, etc.) and the current plan was to incorporate samples of documents used by the San Francisco and Madrid Congresses. He had experimented with scanning and converting a document into PostScript - the idea being to merge same magnetically with the rest of the Guidelines in a secure, long-lasting fashion. The result was distributed to the GA participants.

Mr. Alvarez advised that copies of the Guidelines, incorporating the changes approved at the Harare 1991 General Assembly Meeting, could be supplied in paper form or magnetic support upon request to him.

Mr. Rolstadas mentioned that, maybe, some changes might be needed in the Guidelines following the "IFIP World Congress - Recommended General Principles" endorsed at the Technical Assembly. **Mr. Alvarez** confirmed he would look into same.

(A)

13.3 DEVELOPING COUNTRIES SUPPORT COMMITTEE

Mr. Balasubrahmanian drew attention to his report and to the Minutes of the DCSC meeting which had just taken place.

The primary objective of DCSC was a special recognition of the needs of Developing Countries and it had tried to create more IFIP activities in same. IFIP, upon the invitation of a Regional Member, would participate at an annual event via

a Keynote Speaker whose travel costs would be underwritten by DCSC and the host would provide the local living expenses. DCSC had supported a WG 3.4 member to present a paper at a recent Workshop in Singapore and had also supported the participation of some "LATIN'92" Invited Speakers.

TC's would endeavour to hold one event per year in a DC and indicated some of the activities which had already taken place. He mentioned that WG 2.4 was planning an African School in Pretoria, South Africa (to which neighbouring regions had been invited) and WG 9.4 would co-sponsor a WC on "Health Informatics HELINA'93" in Nigeria - both activities in April 1993.

DCSC recognized the need to enhance IFIP's visibility in Central and Eastern Europe and the Baltic Region.

Mr. Balasubrahmanian advised that two mailings of books from the IFIP Book Bank had been sent to Member Societies in DC's upon request. The mailing charges had been met by DCSC. This would be an on-going activity. **Mr. Nedkov** pointed out the service offered by an ICSU programme for the free distribution of scientific literature to DC's and referred to two other similar programmes offered by the Netherlands Universities Foundation for International Co-operation and the Rawfurly Library Service in London.

DCSC would investigate the prospect of a Newsletter for DC's, to be published in conjunction with WG 9.4.

(A)

A lectureship programme had also been developed by ICSU and **Mr. Nedkov** thought it would be wise for IFIP to be incorporated in same. **Mr. Khakhar** was fully in favour in view of the initiative launched by the Marketing Committee. He again called upon all GA participants to complete and return the IFIP Lectureship Programme Forms to the IFIP Secretariat.

(A)

13.4 FINANCE COMMITTEE

Mr. Bauknecht drew attention to his Annual Report 91/92 and his report (FC-1) of the results of the deliberations of the Finance Committee which had met the previous day.

CONGRESS 92: As the attendance at Congress 92 had been below the break-even point, he informed that there was little hope for IFIP to receive more than the guaranteed CHF 30,000.

TREASURER'S REPORT: FC had endorsed the Treasurer's report to GA and once again expressed its high appreciation of the excellent work accomplished by Mr. Melbye.

DUES SITUATION: As mentioned earlier, Cuba had to be expelled immediately and Brazil by the end of the year if no payments would be forthcoming. The request from Argentina to change its Membership beginning 1992 had to be further discussed; Mr. Melbye would, therefore, consult with the representative present to discuss the possibility of Associate Membership as from 1993. The amount in respect of outstanding Dues **for** 1992 would remain in the books. (A)

OUTSTANDING LOAN CONGRESS 86. The Irish GA representative, Mr. Dolan, had written an explicit letter to the Treasurer concerning the outstanding loan of CHF 39,403.33. The latter had summarized the situation and included a copy of the letter with document (FC-3). FC supported the Treasurer's proposal to (a) consider the remaining balance by year-end 1992 as a bad debt and thus write same off, yet (b) to maintain the amount in IFIP's books, but assessed as having the value of zero.

During the lengthy debate which ensued, **Mr. Goldsworthy** said he would also support the proposal, but made it quite clear that a Congress Hosting Society was responsible for the financial outcome. When a country bid for a Congress, it had to be fully aware of its obligations.

General Assembly **VOTED IN FAVOUR** of the proposal, with three abstentions. (A)

Mr. Dolan thanked the General Assembly for its decision.

PORTFOLIO SITUATION: **Mr. Bauknecht** reported that the new Investment Policy, as approved by GA Harare 91, was working satisfactorily. There were still fluctuations due to depreciation, but FC did not recommend any changes.

DUES FOR ASSOCIATE MEMBERS: **Mr. Melbye** introduced document (FC-2) and recalled that the Council, at its Trondheim 1992 Meeting, had voted that Dues for an Associate Member be 25% of minimum Dues. Votes - 8 in favour, 5 against, 3 abstentions. In his opinion, he considered that decision a threat to IFIP's finances and had, therefore, recommended FC to put forward the following motion - namely, that Dues for Associate Members be set as 50% of the amount which the same organization would have to pay as a Full Member.

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

Mr. Melbye pointed out that, as decided by GA New Delhi 88, DC's 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 would also be applicable for Associate Membership.

13.5 IFIP-UNESCO LIAISON

Mr. Fourot referred to his report (IULC-1) and advised that the situation at Unesco, in respect of financial support, was 'pretty grim'. Nevertheless, Unesco had given a subsidy of \$3,000 to "LATIN'92", Sao Paulo. \$3,000 had also been allocated to TC 3 to undertake the updating (first draft) of the "Modular Curriculum in Computer Science". An additional \$3,000 had also been received by TC 3 to prepare the organization of an International Workshop in Mexico at the beginning of 1993 on **the** same subject.

TC 3 had proposed to develop a "Modular Curriculum in Informatics for Secondary Education" and Mr. Bollerslev and himself were negotiating with Unesco for the necessary funding.

Mr. Fourot advised that WG 2.6 had made a proposal for a Travelling Seminar on "Data Bases in the Developing Countries". The Intergovernmental Informatics Programme (IIP) was very favourably inclined towards its implementation and the issue would be followed up.

(A)

Unesco had regrettably provided no support for Congress 92.

The Director-General of Unesco was launching an International Commission on Learning for the Twenty-First Century and IFIP had been invited to participate in the project. **Mr. Fourot** said he had informed the D-G that Mr. Bollerslev would ensure the overall co-ordination of IFIP's contributions.

13.6 INTERNAL AWARDS COMMITTEE

SILVER CORE: **Mr. Fourot** drew attention to the Silver Core Nominations 1992 List (IAC-1) which had been reviewed by the TC Chairmen and subsequently by the Executive Board. A few names had been eliminated from the original list. **Mr. Fourot** moved that the List be adopted. (Refer to Appendix 6 to these Minutes)

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

Mr. Fourot advised that, thanks to the Marketing Committee and in particular Mr. Funk, a Silver Core Pin had been created. They would be distributed with the Silver Core Award Certificates and would also be sent to previous Silver Core Holders.

OUTSTANDING SERVICE AWARD: **Mr. Fourot** presented the nominations received from the Technical Committees (IAC-2) and moved that they be approved:

- | | |
|-----------------------|-------------------|
| - T.J. Dekker | WG 2.5 |
| - G. Halevi | TC 5 |
| - Q. Sun | TC 5 |
| - F.L. Krause | WG 5.2/5.3 |
| - F. Land | WG 8.2 |
| - R.A. Clarke | TC 9 |
| - P. Jaervinen | WG 9.1 |

General Assembly unanimously **ADOPTED** the motion.

13.7 **MARKETING COMMITTEE**

Mr. Funk presented his report outlining the various activities of MC since March 1992

IFIP events were now publicized in the quarterly Newsletter of the Internet Society which was reaching nearly 2,000 readers world-wide. Copies of recent articles were included in the report.

A repository of IFIP information was now available via anonymous ftp from "software.watson.ibm.com" in the /pub/ifip/directory. TC's and WG's were invited to submit information to him if they wished to have it made available via that mechanism.

During the Congress in Madrid, MC had sponsored a lunch for the attending Presidents (or their representatives) of Member Societies together with the Executive Board. It had been very successful with a lot of useful inter-action.

MC had arranged for an article about Congress 92 to be published in the June issue of "Computer" (a publication of the IEEE Computer Society) in connection with the FOCUS travel grant programme. As a result, over 40 grants had been awarded to people who might otherwise not have been able to attend the Congress.

At the request of the Congress 94 OC, MC had made available a mailing list of all the Universities in the United States and Canada which offered Master or Doctor degrees in computer science, mathematics or engineering.

Mr. Funk said that, as mentioned by Mr. Fourot, MC had produced a Silver Core Pin in the United States. A stock for future use was available at the IFIP Secretariat in Geneva.

13.8.1 **IFIP NEWSLETTER**

Mr. Rosenfeld announced that approximately 4,000 copies were being sent to the regular distribution

and 500 to organizers of IFIP events (i.e. of each issue)

Mr. Bobillier said he would like to congratulate Mr. Rosenfeld **for** the work he was performing. He considered the Newsletter was doing a lot of good for IFIP. General Assembly **CONCURRED**.

13.8 PUBLICATIONS COMMITTEE

Mr. Verrijn-Stuart referred to his Annual Report 91/92, his supplementary report to GA (PC-1) and to the PC meeting which had just taken place in Toledo.

He expressed to the Contracts Officer, Mr. Nedkov, and to Elsevier/N-H, Mrs. Smit, his appreciation of their **very** impressive contributions to the work of the Committee. Mrs. van der Meer of Elsevier/N-H had participated at the PC meeting and extensively explained its promotional activities.

Mr. Verrijn-Stuart commented on the IFIP TRANSACTIONS published by Elsevier/N-H of which 25 out of the 35 issues planned for 1992 had now appeared and were being well received. They contained high level information. PC would investigate other forms of publication (e.g. electronic reporting, CD-ROM, etc.).

Some changes had taken place within Springer-Verlag which would make it more difficult for IFIP to co-ordinate its relationship. Nevertheless, Letters of Agreement had been drawn up in respect of the four channels used by IFIP: "Lecture Notes in Control and Information Sciences", "Lecture Notes in Computer Science", "IFIP State-of-the Art Series" and "IFIP Series in Computer Graphics".

Mrs. Smit drew attention to the Elsevier/N-H Publications List for the reporting period, contained in the Annual Report, and advised that E/N-H was able to send material to the Member Societies, upon request, on a quarterly basis for re-distribution to their members. GA Members were asked to follow up with their Societies in that respect.

(A)

Mr. Nedkov again outlined the various support programmes offered by ICSU, TEMPUS, IIP, etc.

Mr. Verrijn-Stuart presented the IFIP TRANSACTIONS Editorial Policy Board document. The Board was responsible for the overall scientific quality of the IFIP TRANSACTIONS by laying down a policy for stringent review and selection. The policy was implemented through the TC involvement in publications within their respective areas and by direct liaison of the Board when TC's were not involved as such. The Board membership consisted of the PC members and the IFIP TC and

WG Chairmen. Their names would be listed in the TRANSACTIONS with a brief outline of the Policy. Mr. Verrijn-Stuart presented the revised Publications Committee Charter (refer to Appendix 7 to these Minutes) which General Assembly **ACCEPTED**.

13.9 STATUTES AND BYLAWS COMMITTEE

Mr. Bobillier referred to his report (SBC-1) which had been mailed out to GA Members under date of 13 July 1992. He expressed his thanks to his Committee members, Messrs. Fourot and Morris, who had been of great assistance.

He drew attention to the proposed modifications to the Statutes and Bylaws.

ASSOCIATE MEMBERSHIP

Statute Article 3.1: Re-label categories and insert a new c) Associate Members

One organization or institution of a country (not already a Full Member) or of a geographic region interested in IP may become an Associate Member of the Federation. Member countries of regional Full Members may on application be admitted automatically as Associate Members. Associate Members shall pay annual Dues as decided by the General Assembly.

General Assembly unanimously **APPROVED** the modification and the resulting modifications to Statute Article **4.1.1**, Statute Article 5, Bylaw 2.4 and Bylaw 4.3.2.

MEMBERSHIP OF GA FOR TECHNICAL COMMITTEE CHAIRMEN

Statute Article 3: Add paragraph 3.1 (g)
Ex-Officio Members
Technical Committee and permanent
Specialist Group Chairmen will
serve as ex-officio Members of
General Assembly for the duration
of their terms of office.

General Assembly unanimously **APPROVED** the modification.

In respect of Statute Article 4.1.1 Composition and Voting Rights, Ex-Officio Members shall have the right to vote on

- a) Elections
General Assembly **APPROVED**, with 3 against, 1 abstention.
- b) Location of Congresses
General Assembly unanimously **APPROVED**.

- c) Budget Approval
General Assembly unanimously **APPROVED**.
- d) Statutes and Bylaws
General Assembly **APPROVED**, 22 for, 10 against.
- e) Admission and Exclusion of Members
General Assembly **REJECTED** 7 for, 18 against, 7 abstentions.
- f) Annual Dues
General Assembly **REJECTED** 6 for, 20 against, 6 abstentions.
- g) Acceptance of Audit Report
General Assembly **APPROVED** 22 for, 2 against, 8 abstentions.
- h) Dissolution and Liquidation of the Federation
General Assembly unanimously **REJECTED**.

General Assembly unanimously **ACCEPTED** the resulting modifications to Bylaw 3.2 and Bylaw 3.5.

VOTING RIGHTS IN TC'S FOR WORKING GROUP CHAIRMEN

In respect of Bylaw 4.3.2 Technical Committee Membership, insert after line six:

Working Group Chairmen of a Technical Committee or Specialist Group are ex-officio members of that Committee or Group for the duration of their terms of office, with full voting rights.

General Assembly **APPROVED** the modification, with 1 abstention.

SUSPENSION OF GENERAL ASSEMBLY MEMBERSHIP

Statute Article 3: Add new paragraph 3.4

Suspension of a Member

A Member with Dues outstanding at the end of the year in which they were invoiced will lose its vote in GA until the outstanding sum is paid. This will not affect the status of an Officer or Trustee from that Member at the Executive Board or Council since, in this context, such an Officer or Trustee is not regarded as representing his Society. A Member with Dues outstanding at the end of the year following that in which they were invoiced will be suspended from Membership with immediate effect. Its Membership will be reinstated when such outstanding Dues are paid unless it has otherwise been terminated. A suspended Member will lose the right to representation at GA and in TC's and SG's. Any representative from a suspended Member who serves on the IFIP Council or as an Officer of a TC or SG will be deemed to have resigned with effect from the date at which the suspension took effect and will be replaced.

Bylaw 2: Add new paragraph 2.9

Suspension of Membership

When a Member is suspended in accordance with Statute 3.4, the Secretary will notify that Member immediately the suspension takes effect.

General Assembly **APPROVED** the modifications, with 1 abstention.

NOMINATION OF OFFICERS AND TRUSTEES

Bylaw 3.3: Add new final paragraph:

Each Full Member has the right to propose in advance in writing as many candidates as there are actual and possible vacancies. In addition, and notwithstanding such written proposals, each Full Member actually present at a GA shall have the right to propose from the floor as many candidates as there are vacancies.

General Assembly unanimously **APPROVED** the modification.

JOINT WORKING GROUPS

Bylaw 4.3. Add new paragraph 4.3.8

Joint Working Groups

A Joint WG may be established by mutual agreement of two or more TC's and/or SG's subject to the following:
a) One of the TC's or SG's must be designated as having full responsibility for all matters of administration and finance, b) The Joint WG may report to one or more of its parent TC's and SG's on technical matters. The Joint WG will be listed in the Bulletin under the TC or SG which has administrative responsibility with a reference to its other parents.

General Assembly **APPROVED** the modification, with 1 abstention.

ADMISSION OF INDIVIDUAL AND HONORARY MEMBERS

Bylaw 2.2: Add new sentence to end of first paragraph:

Voting will be by paper ballot.

General Assembly **APPROVED** the modification, with 1 abstention.

STANDING ORDERS

In respect of Bylaw 4 Subordinate Bodies, add new sentence after first sentence:

Organization and operating rules for these bodies are contained in the IFIP Standing Orders. An Organization Chart and Job Charters are published in the IFIP Information Bulletin.

Add new Bylaw 5

Standing Orders

IFIP Standing Orders is a document approved by the Executive Board. It describes in detail the organization of the various IFIP subordinate bodies and their rules of operation. In addition it provides guidance on procedures for the efficient administration of IFIP's affairs. It consists of a base document completed by supplements expanding on important aspects of IFIP activities. It refers to the IFIP Information Bulletin which contains the Organization Chart and the Committee and Function Job Charters.

General Assembly **NOTED** the modifications.

Mr. Bobillier informed that the Executive Board had approved the revised version of the Standing Orders. They would be duly prepared and distributed by the IFIP Secretariat.

(A)

JOB CHARTER FOR GENERAL ASSEMBLY MEMBER

Mr. Bobillier presented the Job Charter for General Assembly Member which was unanimously **ADOPTED** by the General Assembly (refer to Appendix 8 to these Minutes).

The **President** expressed his appreciation of the thorough work carried out by Mr. Bobillier and his Committee members.

14. **AFFILIATE MEMBERS**

Mr. Fourot drew attention to the Annual Reports 91/92 of the Affiliate Members IASC, ICC, IJCAII, IMIA, FACE and VLDB.

Mr. Uhlig, ICC representative, advised with deep sadness the passing away of the founding member and immediate Past President of ICC, Dr. M. Clayton Andrews. As a result, "ICC'93" would not take place. "ICC'95", however, would take place in Korea, 22 August-1 September 1995. To improve communication with IFIP, the Chairmen of TC's 6, 9 and 11 (or their delegates) were being invited to participate in meetings of the ICC Board of Governors and the ICC Executive Committee.

15. **MEMBER SOCIETY REPORTS**

Mr. Alvarez advised that 16 reports had been received and certain of the **GA Members** present addressed same.

16. **FUTURE MEETINGS**

Mr. Fourot advised that invitations to host the 1993 General Assembly Meeting had been received from Belgium, CSSR and Japan.

The respective GA Members presented their invitations. General Assembly **VOTED IN FAVOUR** of accepting the invitation from Japan. The 1993 GA and Related Meetings would, therefore, take place in Tokyo during 6-10 September. The **President** thanked Belgium and CSSR for their hosting offers.

17. OTHER GENERAL ASSEMBLY BUSINESS

17.1 RESOLUTION SUBMITTED BY THE AUSTRIAN COMPUTER SOCIETY

Mr. Grafendorfer presented the Resolution (refer to Appendix 9 to these Minutes) on "Proscription of Inhumane, Malicious, Demeaning Computer Games". He requested the General Assembly to endorse same and ask the Member Societies to publicize it as widely as possible. The topic had certainly excited great interest in Austria and had received significant media coverage in that country.

General Assembly unanimously **AGREED**.

The **President** thanked the Austrian Computer Society for the initiative and confirmed that the Resolution would be distributed by the IFIP Secretariat to the Member Societies.

(A)

17.2 TIME LIMIT RE OFFICERS AND TRUSTEES

Mr. Gottlieb expressed his dissatisfaction in respect of certain persons having been elected as Trustees, becoming Officers, and then returning as Trustees. This method did not allow for new blood to participate in the running of IFIP.

17.3 RECOGNITION G.J. MORRIS, U.K.

The **President** expressed the appreciation of IFIP for the many services rendered by Mr. Morris, outgoing Vice-President, and presented him with a gift on behalf of the Federation.

18. CLOSING OF THE MEETING

The **President** expressed the sincere thanks of IFIP to the Spanish hosts and, in particular, Mr. Alvarez for the very warm hospitality.

As outgoing President, he thanked all those people who had assisted him during his term and welcomed Mr. Rolstadas, incoming President, to whom he handed over the Gavel. Mr. Rolstadas said it was an honour to take over from President Sendov and enumerated his many qualities. The President received a gift on behalf of the Federation.

General Assembly **APPLAUDED** the outgoing and incoming Presidents.

WG 5.4 (INDUSTRIAL SOFTWARE QUALITY AND CERTIFICATION)**AIMS**

To promote and encourage the exchange of ideas and information on current developments in the area of "Industrial Software Quality and Certification through publications and other means. It is intended to address both procedural software and non-procedural software.

SCOPE

- 1) software quality management;
- 2) software quality assurance;
- 3) software life-cycle and documentation;
- 4) evaluation of the quality of software code and documentation
- 5) software quality standards and guidelines;
- 6) total quality management for the software industry;
- 7) specifying software quality requirements and targets;
- 8) software verification, validation and testing;
- 9) software quality metrics;
- 10) software product certification and software process
- 11) technologies for certifying software products;
- 12) audit, evaluation and certification of quality assurance
- 13) liability aspects.

WG 5.11 (COMPUTERS AND ENVIRONMENT)**AIM**

To investigate existing methods and applications of computer based technologies to environmental engineering, environmental protection, and environmental research.

SCOPE

- 1) Monitoring and remote sensing of environmental variables.
- 2) GIS and mapping systems.
- 3) Natural resources conservation (land, water, noise ...).
- 4) Hazardous waste management.
- 5) Environmental impact assessment.
- 6) Environmental information and decision support systems.
- 7) Environmental AI applications.
- 8) Cultural and artistic patrimony protection.

WG 9.7 (HISTORY OF COMPUTING)**AIMS**

- 1) To provide a central vehicle for information interchange regarding the methods and techniques of historiography, especially as related to the opportunities for the studies of contemporary history.
- 2) To provide expertise for the design, implementation and operation of archives and displays related to the history of information processing.
- 3) To encourage the development of national archives.
- 4) To develop a program of "Pioneers' Days" which recognize the contribution of pioneers and anniversaries of major events.
- 5) To identify Pioneers worthy of an appreciation and distinction and make "IFIP Pioneer Awards".
- 6) To develop Publication plans for histories of Information Processing.
- 7) To promote the inclusion of historical modules in appropriate curricula.

SCOPE

The history of computing and informatics with a view to **providing** the impetus to preserve the records and artifacts of certification; information processing inventions, practices and activities throughout the world under the auspices of IFIP and its constituent organizations. One special focus is the socio-historical systems; context and consequences of Information Technologies.

WG 11.1 (INFORMATION SECURITY MANAGEMENT)**AIM**

As management, at any level, may be increasingly held answerable for the reliable and secure operation of the information systems and services in their respective organizations in the same manner as they are for financial aspects of the enterprise, the Working Group will promote all aspects related to the Management of Information Security.

These aspects cover a wide range, from purely managerial aspects concerning Information Security, (like upper management awareness and responsibility for establishing and maintaining the necessary policy documents), to more technical aspects (like risk analysis, disaster recovery and other technical tools) to support the Information Security management process.

SCOPE

- to study and promote methods to make senior business management aware of the value of information as a corporate asset, and to get their commitment to implementing and maintaining the necessary objectives and policies to protect these assets;
- to study and promote methods and ways to measure and assess the security level in a company and to convey these measures and assessments to management in an understandable way;
- to research and develop new ways to identify the Information Security threats and vulnerabilities which every organization must face;
- to research and identify the effect of new and changed facilities and functions in new hardware and software on the management of Information Security; to study and develop means and ways to help information security managers to assess their effectiveness and degree of control;
- to address the problem of standards for Information Security.

STATEMENT OF CASE

There is a growing trend for senior business management to be held answerable for the reliable and secure operation of their information systems, as they are for control of their financial aspects. Information Security is, and should always be upper management responsibility.

Information security professionals, and WG 11.1 in particular, should therefore be responsible for the development of all types of tools, mechanisms and methods to support top management in this new responsibility.

WG 11.2 (SMALL SYSTEM SECURITY)**AIM**

To investigate methods and issues in the area of information security, particularly those related to small systems.

SCOPE

- To promote awareness and understanding of small systems security.
To provide a forum for the discussion and understanding of small system security matters.
- To advance technologies and methodologies that support small systems security.
- To contribute, as feasible and appropriate, to **inter-**national standards for small system security.

STATEMENT OF CASE

Small systems shall be defined to include personal computers, local area networks, multi-user and similar installations where there is typically no-one dedicated to security administration and the end user(s) are in the main responsible for system administration.

It is the management of all organizations who are responsible for the reliable and secure operation of information systems which support the organization. Thus, it is management who must address security issues in the small systems environment,

WG 11.4 (NETWORK SECURITY)**AIM**

To study and promote internationally accepted processes which will enable management and technicians to fully understand their responsibility in respect of the reliable and secure operation of the information networks which support their organizations.

WG 12.1 (KNOWLEDGE REPRESENTATION AND REASONING)**AIMS**

To foster research on the design and implementation of formalisms, methodologies and algorithms for representing and reasoning with knowledge.

To encourage research direction that makes contributions to research in other knowledge-intensive areas of artificial intelligence, such as natural language processing, qualitative reasoning, and high-level vision.

SCOPE

- 1) The study of models, formalisms, and systems for Knowledge Representation (KR) and of algorithms, proof- and methodologies for reasoning therewith.
- 2) The juxtaposition of a variety of viewpoints from researchers involved in studying KR and those in other areas that rely heavily on represented knowledge (e.g., high-level vision, natural language, and commonsense reasoning).
- 3) Reconnecting the KR community with traditional KR "consumers" (like natural language understanding, vision and M.L.) and efforts to foster convergence. In particular, the identification of KR issues in these other areas, and of ways KR research could address them.

WG 12.2 (MACHINE LEARNING)**AIMS**

(Not yet defined)

SCOPE

Machine Learning is the automatic or interactive acquisition of knowledge using deductive, inductive or analogical methods. In particular this includes:

- the study of machine learning models;
- the design of machine learning methods;
- the analysis and elaboration of performance criteria for learning programs;
- the integration of different learning paradigms.

WG 123 (REASONING TECHNIQUES)**AIM**

To study and develop methods and techniques for knowledge-based inferences and problem solving.

SCOPE

- knowledge-based problem solving and search;
 - reasoning on ill-defined domains;
 - metalevel inferences;
 - cooperative distributed problem solving; reasoning with incomplete knowledge;
 - generation of problem representations;
 - constraint satisfaction;
- qualitative reasoning, theories,

WG 12.4 (NATURAL LANGUAGE PROCESSING)**AIM**

The interactive and integrated study, use, and further development of methods and formalism for representing linguistic and non-linguistic knowledge.

SCOPE

The design and development of computer systems for natural language understanding and generation. It includes parsing, generation, discourse analysis, dialogue handling, machine translation, speech recognition and generation, and theoretical issues in syntax, semantics and pragmatics of natural language.

WG 133 (HUMAN-COMPUTER INTERACTION AND PEOPLE WITH SPECIAL NEEDS)

AIMS

The principal objectives of the Working Group will be:

- to survey the latest tendencies in the design of HCI and its impact on usability by PSN;
- to make HCI designers aware of the special needs of disabled and elderly people;
- to recommend guidelines for the design of HCI to facilitate the use of computers by PSN; to advance technical possibilities to permit the replacement of an interface by another more appropriate for people with disabilities;
- to encourage the development of systems equipped with hardware and software tools which permit the adaptation of the human interface to each specific user.

SCOPE

The following range of topics will be elaborated in initial meetings with founder members of the working group:

- the compilation of materials elaborated by other groups and their dissemination to interested people;
- the coordination and exchange of information with other TCs and WGs in IFIP in relation to this topic;
- the collaboration with institutions interested in this field;
- the design of recommendations and guidelines for HCI designers which keep in mind PSN in the production of new HC interfaces.

IFIP WORLD CONGRESS - RECOMMENDED GENERAL PRINCIPLES

The purpose of these principles are to ensure high interest and high quality of the IFIP WORLD CONGRESS.

It will also serve as proposed guidelines for the Program Committee and for organizations intending to submit bids for organizing future IFIP WORLD CONGRESSES (WCC).

The main framework of principles are:

1. WCC may contain tutorials, conferences and workshops as well as a social program.
2. Each conference will address a specific and targeted area and will be marketed separately.
3. There may be separate registration fees for the three categories (tutorials, conferences and workshops).
4. There will be a common opening ceremony and possibly a common closing ceremony for all conferences. There will be a common social program.
5. Conferences may be either Scientific or Industrial. Papers at Scientific conferences are selected after close review of full papers according to the best academic standards. Papers at Industrial conferences may be selected based on abstracts.
6. Tutorials will typically run for one day, conferences for three full days (plus opening ceremony) and workshops for two days.
7. IFIP TCs and WGs may be requested to contribute and assist in the technical program.

Toledo: 14 September 1992

SILVER CORE HOLDERS1992

R.M. Aiken	H. Monteverde
A. Alvarez	J.G. Olling
B.Z. Barta	M. Ozeki
K. Bauknecht	F.J. Rammig
J. Berleur	C. Rolland
K.L. Boyanov	E. Schmidt
J.-P. Cabanei	H. Sebastian
W.J. Caelli	B. Shackei
D. Doian	E. Sos
W. Ehrenberger	O. Spaniol
J.L. Encarnacao	E. Stefferud
K. Fuchs-Kittowski	M. Tienari
J.J. v.Griethuvsen	Y. Tohma
P. Kall	A. Vari
D. Khakhar	F. Vogt
J.-C. Laprie	M.A. Vouk
C.E. Landwehr	T.J. v. Ween
S.S. Lavenberg	J. Westcott
J. v.Leeuwen	H. Yoshikawa
D. Millin	J.P. Zolesio

[PUBLICATIONS COMMITTEE Charter]

PUBLICATIONS COMMITTEE (PC)

1. Establish, reconsider and supervise the IFIP Publications Policy*, including the IFIP Transactions Editorial Policy;
2. Disseminate the Policies and the reasons behind them;
3. Establish and maintain liaison with the General Assembly, President, Secretariat, TCs, SG's and WG's;
4. Establish and maintain liaison with both contracted and potential publishers;
5. Keep records on planned and published books, on royalties due and received, and on the sales-end of books;
6. Continually assess opportunities for further traditional and new forms of technical publication;
7. Liaise with publishers and/or appropriate bodies or persons in IFIP concerning IFIP publicity aspects;
8. Establish a close link with the Marketing Committee with the objective of exploring new ways to increase market penetration for IFIP publications;
9. Undertake responsibility for approval and implementation of all IFIP Publications contracts in accordance with the IFIP Publications Policy;
10. Undertake responsibility for cooperation with AMB to ensure balance amongst IFIP publications with respect to technical areas covered, publications quality and revenue production.

Concerning all publications, in particular:

- IFIP TRANSACTIONS
- IFIP Conference Proceedings
- IFIP Book series
- IFIP Journals including Electronic Journals
- IFIP Working Papers
- IFIP special publications

as well as the IFIP aspects of Joint Event Publications

JOB CHARTER

GENERAL ASSEMBLY MEMBER

General

GA Members' first responsibility is clearly to represent their Societies' interests at General Assembly and in all other relevant ways. At the same time they are Members of the IFIP team and should work for the benefit of IFIP so that the value of its activities is enhanced to the ultimate benefit of all its Members. GA Members are expected to:

1. Attend all GA meetings. If attendance is impracticable then they will seek a deputy from their Society. If that proves impossible then they are expected to appoint another GA Member as proxy giving instructions, if so desired, as to how that vote is to be used.
2. Respond promptly to correspondence from IFIP.
3. Ensure that IFIP literature (Annual Report, Bulletin and Newsletter) receives appropriate distribution within their Societies and seek to secure reporting of IFIP activities in their Societies' own publications.
4. Publicise IFIP events widely through their Societies and encourage participation by their members.
5. Strive to secure good and active participation by their Society in Technical Committees and Working Groups and, when appropriate, on Programme and other committees.
6. Monitor the attendance and participation of their Societies' representatives in IFIP's activities and where there is a deficiency seek to improve the performance or to replace the representative.
7. Request Annual Reports from their Societies' IFIP representatives and hold an annual meeting with them to review the value of their activities to their Society and to prepare for their Societies' Annual Reports to IFIP, dealing particularly with suggestions for improved IFIP performance. They ensure that these Annual Reports are prepared and submitted to IFIP in good time.
8. Encourage their Societies to be prompt in their payment of IFIP dues.
9. Endeavour to enhance and extend the interchange of technical and professional experience between their Societies, countries and IFIP for increase mutual benefit.

14 September 1992

The following resolution is submitted to the 1992 IFIP General Assembly by the Austrian Computer Society:

Proscription of Inhumane, Malicious, Demeaning Computer Games

Computer games are among the most frequently used computer programs - especially by children. Such programs are capable of significantly enhancing human development, for example, by training the mind, encouraging logical thinking and creativity, and broadening language capabilities.

Unfortunately, there has recently been a strong tendency toward programs that demean human beings and call for malicious, inhumane behavior by the players: brutal war games, pornographic and sexist games, and games based on political extremism and themes of racial, ethnic, and religious hatred. It is alarming to note the lack of responsibility and human respect among those who produce, distribute, and play such games.

The International Federation for Information Processing (IFIP), a union of computer societies from around the world, hereby points out the inherent dangers in the use of these games and condemns their production, distribution, and use. There are many computer games that are not only entertaining but wholesome and educational. IFIP appeals to everybody, worldwide - — in particular, its Member societies - to censure harmful games, to raise awareness of the issues involved, and to support only computer games that respect human dignity.