



**ifip**

**INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING**

**MINUTES OF THE IFIP BOARD MEETING**  
**March 29<sup>th</sup> / 30<sup>th</sup>, 2019**  
**Salvador da Bahia, Brasil**

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## 1 ATTENDANCE LIST

M Hinchey	President	
G Marin-Raventos	Vice President	
Y Murayama	Vice President	
K Rannenber	Vice President	
M Bramer	Vice President	part time over Skype
R Macedo	Councillor	
Jee-In Kim	Councillor	
F Rammig	Councillor	
A Wong	Councillor	
D Brady	Honorary Treasurer	
A Min Tjoa	Honorary Secretary	

### **Observers**

E Dundler	IFIP General Secretary
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### **Apologies**

Y Abeywickrama	Councillor
M Goedicke	Councillor
J Nawrocki	Councillor

## 2 BUSINESS MEETING

### 2.1 Call Meeting to Order

Mr Hinchey opened the Board meeting and welcomed the present participants.

### 2.2 Attendance and Apologies

The Honorary Secretary Mr Tjoa announced the Board attendance and apologies received (please refer to the attendance list). With the present attendance the IFIP Board meeting has a quorum to take decisions.

### 2.3 Business Matters

#### 2.3.1 Approval of Agenda

Mr Hinchey asked the Board for approval of the agenda for the Board meeting.

The Board unanimously **APPROVED** the agenda. Mr Hinchey approved

#### 2.3.2 President's Report

The IFIP President Mr Hinchey presented his report to the Board:

##### *“UNESCO*

*It is with great regret that I must advise the Board of the sad passing of Indrajit Bhaterjee, our long-time support from UNESCO in Paris. His passing has caused some uncertainty within his department and we do not yet know who will replace him. I will meet with Davide Storti in Paris on 7<sup>th</sup> June to find out more about what is happening and also to progress plans for the 60<sup>th</sup> anniversary.*

##### *UNCTAD*

*I participated in the UNCTAD inter-sessional event in Vienna in January and spoke on the topic of AI. This has resulted in an invitation to IFIP to participate in the next CSTD in Geneva in May. IFIP will facilitate a “side-event” with David Kreps, Don Gotterbarn and Chrisanthi Avergou (all TC9) speaking and myself chairing.*

##### *WSIS*

*IFIP will again participate in WSIS. Two IFIP events will be conducted: one organized by Yuko Murayama on AI and disaster risk reduction and another by IP3 on professionalism. IFIP will also speak at the opening.*

##### *AI for Good*

*I was unfortunately unable to attend AI for Good last year, but plan to do so this year. It will be held in Geneva at the end of May.*

##### *InterYIT*

*I have been supporting InterYIT and the great efforts of Amit Joshi to expand its activities. I have participated in InterYIT events in Bangkok and London. An InterYIT awards ceremony is planned for London at end of June.*

#### *HLF*

*I again participated in the Heidelberg Laureate's Forum. Several Laureates are IFIP members, and it was also a good opportunity to solicit speakers for various events. The Forum was planned as a 5-year experiment but now it will be a permanent event.*

*As the event is in Heidelberg, it was a good opportunity to meet with Springer and to advance issues such as IFIP Select.*

#### *AI Forum*

*At the request of BMVIT, we will organize an event on the topic of AI at the Ministry in Vienna in May. This was originally planned to be in December 2018 but with so many events related to the Austrian presidency of the EU, the Ministry asked us to reschedule. Sir Roger Penrose and Stephen Ibaraki will be keynote speakers. Eunika Mercier-Laurent has organized several other speakers and panels. The Secretariat has made the local arrangements and liaised with BMVIT. This will likely become a (semi-) regular event.*

#### *New Members*

*I have been speaking with a number of potential applicants for membership, notably: Botswana Computer Society, Thai Association of IT Professionals, Bangladesh Computer Society. I have also been seeking to get more clarity on the withdrawal of the John von Neumann Computer Society (Hungary).*

*I have had a number of discussions with various IEEE Directors, the current President and both candidates for President-elect. All have indicated positive views on IEEE joining IFIP (note: IEEE rather than the former member, IEEE Computer Society); however, I still think it will be some time before we have an application for membership."*

### **2.3.3 Secretary's Report**

**The Honorary Secretary Mr Tjoa** presented his report to the Board:

*"Since the General Assembly 2018 in Poznan, Poland the Honorary Secretary has hold several face to face business meeting with the General Secretary Mr. Eduard Dundler, the head of IFIP Secretariat. Current important managerial issues and collaborative aspects were explained and discussed in-depth.*

*Mr Dundler reported that the agreement regarding a subsidy of € 50.000 for 2018 / 2019 with the Austrian Federal Ministry is still running.*

*Mr Dundler reported that he used the participation in the General Assembly in Poznan, Poland to attend the TC business meetings of TC9, led by the new TC Chair David Kreps, and of TC11, led by Stephen Furnell. In these TC meetings Mr Dundler had the opportunity to transfer knowledge from the IFIP governing bodies to the Technical Committees, to explain and help on financial issues and to solve administrative issues.*

*IFIP Digital Library: The staff in the Secretariat is working hard to get all current proceedings ready to be loaded by INRIA. Although the process for loading the Springer proceedings is clear and straight forward the workload on the Secretariat should not be underestimated.*

*In addition in the last 5 months there were errors in the XML files provided by Springer, which resulted in substantial more work in the IFIP secretariat.*

#### Membership

*Related to the IFIP membership I can report to the Board that by the end of 2018 IFIP had (see the members' list on IFIP Website):*

- 37 Full Members Comment: Hungary, Spain and Denmark left IFIP per end of December 2018*

- 2 International Members at Large: ACM, CLEI
- 1 National Member at Large: IT Ukraine
- 4 Associate Members: CEPIS, IMIA, SEARCC, VLDP
- 9 Honorary Members
- 8 Ex-Officio Members

*Membership issues will be discussed in detail under the relevant topic of the agenda of this Board meeting.*

#### EC work between GA2018 and this Board meeting

*In order to arrange and solve several current issues the EC had discussions and made decisions*

- *electronically by emails,*
- *held one teleconference: February 14th, 2019*
- *a face-to-face meeting: March 28<sup>th</sup>, 2019*

*The Secretariat continues to run smoothly and on behalf of the IFIP officers I would like to take the opportunity to express our thanks to the colleagues of the Secretariat for their excellent support.”*

The Board **ACCEPTED** the report.

### **2.3.4 EC Meeting Report**

**Mr Tjoa** reminded the Board that the minutes of all meetings of the Executive Committee can be found at IFIP’s website in the secure area.

### **2.3.5 Treasurer’s Report**

**The Honorary Treasurer Mr Declan Brady** presented the Finance report to the Board:

#### *“FINANCIAL STATEMENTS FOR THE 2018 CALENDAR YEAR*

*The accounts have been maintained during 2018 by the Secretariat, monitored by the Treasurer, with draft statements (subject to final Audit) prepared by CONSULTATIO Wirtschaftsprüfung GmbH & Co KG.*

*Accompanying this (draft) report are:*

- 1. Treas4 – the (draft) Financial Statement for the year 2018, showing headline income and expenditure figures, including comparison with previous years and against budget.*
- 2. Treas3 – the (draft) detailed statement of income and expenditure for the year 2018, showing comparison with previous years and against budget.*

#### **SUMMARY OF FINANCIAL STATEMENTS, 2018**

*The 2018 financial year ended much as I observed in my report in Poznan. Income has overall been in line with previous years; a little stronger than budget though the headline is essentially in line with expectations. Expenses are somewhat higher than budget, accounted for almost entirely by an increase in Administrative Support (see below). Royalties have performed well, being in line with the general trend (though lower than 2017) while proceeds from activities have shown a marked improvement since last year. Turmoil in the financial markets (related to BREXIT, as well as continued uncertainty over “tariff wars” with the US, and a general slowing down in the world economy) has meant that the portfolio recorded a loss of some €154k.*

*For the calendar year 2018 IFIP budgeted to return an operating loss (i.e. excluding portfolio performance) of €99k; that the outcome has been worse (€115k) is predominantly due to the exceptional expenditure under Administration Support (see below).*

*Overall (i.e. including the portfolio performance) the turnout for the year was a (book) loss of €291k (versus our budget of a loss of €77k). This serves only to illustrate the dramatic impact that the portfolio performance, which we cannot influence, has on our finances, variously either flattering them, or damning them. This merits some further thought.*

#### **OBSERVATIONS ON FINANCES**

**Concerning membership dues:** *2018 was the first year where a discount was offered to member societies for early payment; therefore there are €5k deductions in the accounts where this has been taken advantage of. Further, the amount of €11,2k has been written off in respect of the fees from Hungary, Spain and Iran, due to Hungary and Spain leaving IFIP, and because IFIP chose to defer the 2018 fee for Iran.*

**Concerning Administration Support:** *the increase in expenses for the executive committee arises from the strategy meeting held during the year in Amsterdam.*

**Concerning Projects:** *per the decision of the Board, the establishment costs of the Digital Library, and the costs of the Marketing contract, have been financed from the portfolio (as an investment, totaling €65.517).*

**Concerning the Portfolio:** *as indicated earlier, 2018 was not a good year for financial investments overall, with an overall reduction in portfolio value (exacerbated, in some part, by withdrawals from the portfolio to fund projects) swamping a modest return. The overall size of the “book loss” in the portfolio value is equivalent to about half of IFIP’s income; this illustrates the ungoverned power of the financial markets to sway our apparent financial performance. With this in mind, in future years, reporting of the financial statements will report separately on the operating accounts and the portfolio performance.*

#### **PORTFOLIO OF INVESTMENTS**

*A poor year in the financial markets, coupled with some withdrawals from the fund, meant that overall the portfolio did not generate an income, but instead lost value to the tune of €154k. Accounting for management fees (28,6k), withdrawals, and project investments (€65k), means the headline loss is a less bleak €60k.*

*The portfolio of investments is managed on IFIP’s behalf by UBS in London. It is a “balanced” investment, with costs compatible with expectations. There is no reason to change this position at this time.*

#### **CONSULTATION WITH UBS**

*Each year we consult with UBS on the management of our portfolio. Eduard and I met with UBS in London on October 17.*

*I reported in autumn 2017 that UBS had advised that they would be streamlining their business, resulting in the consolidation of several regions into one. At the time, the likely outcome for this was that the management of our portfolio would be transferred to UBS headquarters in Zurich. Further consultation discovered that Zurich would not be a suitable location, and we were advised that the best option was to move our portfolio to Vienna.*

*Eduard and I met with UBS on January 10 to commence the relocation of our portfolio management to Vienna. It transpires since that visit that UBS in Vienna cannot accept as a signatory any person that is a US resident or passport holder, and therefore we had to pause the transfer while we seek further advice and options.*

**SUMMARY CONCLUSIONS**

The financial performance represents a mixed view of IFIP. While overall results are close to budget (within the variation we have learned to anticipate), the overall trend is to continue to make a loss. Some of this “loss” is correctly attributable to decisions by IFIP to invest in, or fund, important projects (such as the Digital Library) and efforts to better position IFIP in the awareness of its members and the IT community at large (such as the marketing engagement with Quantum values).

Nevertheless we need to pause for a moment, and consider the ongoing sustainability. Over the past four years, the accumulated shortfall in the accounts amounts to over €300.000 (or some 15% of IFIP’s net worth over the period).”

February 25th, 2019

	PY 2016	PY 2017	Act. 2018	Budget 2018	+/- % to LY	<b>Budget 2019</b>
<b>INCOME</b>	<b>299.251</b>	<b>300.085</b>	<b>313.405</b>	<b>294.650</b>	<b>4,44</b>	<b>280.756</b>
<b>Dues from Members</b>	162.960	147.840	135.856	160.000	<b>-8,11</b>	156.000
<b>Return On Assets</b>	9	5	10	50	<b>105,57</b>	50
<b>Royalties from Publications</b>	62.258	76.788	63.381	36.000	<b>-17,46</b>	42.503
<b>Proceeds from Activities</b>	49.024	53.452	86.158	73.600	<b>61,19</b>	57.203
<b>Other Income</b>	25.000	22.000	28.000	25.000	<b>27,27</b>	25.000
<b>EXPENSES</b>	<b>435.175</b>	<b>389.064</b>	<b>429.045</b>	<b>393.820</b>	<b>10,28</b>	<b>508.080</b>
<b>Admin.Secretariat</b>	243.132	233.746	240.714	242.320	<b>2,98</b>	247.300
<b>Admin.Support</b>	40.742	34.131	57.409	38.500	<b>68,20</b>	80.003
<b>Technical Committees</b>	57.176	46.000	50.471	70.500	<b>9,72</b>	102.777
<b>Domain Committees</b>	-600	-525	0	0	<b>-100,00</b>	0
<b>DCSC Supp to TC Events</b>	11.020	5.555	7.438	12.000	<b>33,90</b>	12.000
<b>Projects</b>	68.735	70.157	70.505	26.500	<b>0,50</b>	54.000
<b>Events (WCC, WITFOR, CIO)</b>	14.970	0	2.508	4.000	<b>0,00</b>	12.000
<b>PROFIT / LOSS</b>	<b>135.924</b>	<b>-88.980</b>	<b>115.640</b>	<b>-99.170</b>	<b>29,96</b>	<b>-227.324</b>
<b>Financing Projects from Portfolio</b>	66.935	70.157	65.517	22.500	<b>-6,61</b>	50.000
<b>TC Fund Provision</b>	4.976	<b>-17.191</b>	<b>-21.798</b>	0	<b>26,80</b>	0
<b>Return On Portfolio</b>	101.400	192.136	<b>154.069</b>	22.000	<b>-180,19</b>	122.000
<b>GRAND TOTAL</b>	<b>-29.547</b>	<b>85.965</b>	<b>291.507</b>	<b>-77.170</b>	<b>-439,10</b>	<b>-105.324</b>

The Board **ACCEPTED** the report.

**2.3.6 Finance Committee Report**

Mr Rammig reported to the Board:



*“Due to members who could not make it to Salvador de Bahia, there was no face-to-face FC Meeting. The report has been approved via e-mail, with participation of: Declan Brady, Max Bramer, Eduard Dundler, Igor Grebennik, Mike Hinchey, Raimundo Macêdo, Franz Rammig. Participants at the face-to-face FC meeting in Salvador have been: Mike Hinchey, Raimundo Macedo, Franz Rammig, Eduard Dundler (ex officio), Yuko Murayama (guest).*

**1: Comments on Treas 3 and Treas 4:**

*From Eduard Dundler we have received Treas 3 and Treas 4 as being audited by CONSULTATIO Wirtschaftsprüfung GmbH & Co KG and serving as basis of the treasurer's report. They give a very good overview of the financial situation in IFIP.*

**2: Comments on the report from the Treasurer.**

*The Treasurer's report on March 2019 was provided at March 27th. FC's report is mainly based on Treas3 and Treas4 as received from Eduard Dundler. These documents show that concerning the operational balance the fiscal year 2018 was finished more or less as expected. The distortions on the financial market, however, resulted in a much higher overall loss than expected.*

*The income was about 20.000€ higher than budgeted (313.405€ instead of 294.650€) and 4,4 % higher than in 2017.*

- *Concerning membership fees, there is a reduction of 8,11 % in the income from membership dues in comparison to the previous year. The reasons are that for the first time we had offered a discount to our members, which resulted in a 5K€ minus from the invoiced fees. In addition, we had to write off 11,2K€, because Hungary and Spain left IFIP and for Iran IFIP waived (or deferred?) its fee for 2018.*
- *The royalties have been much higher than budgeted (63.381€ compared to 36.000€) but 17,46 % lower than in 2017 (76.788€). On the other hand, the 2018 royalties are in line with those from 2015 and 2016.*
- *On the other hand this decrease has been more than balanced by an increase in proceeds from events (86.158€ compared to 73.600€ as budgeted) and 61,19 % higher than the extremely low sum in 2017 and even lower sum in 2016. The income of proceeds in 2018 is more or less the same amount as in 2015. There are 4 TCs with no or only marginal (less than 1000€) income from events.*

*On the other hand the expenses have been higher than budgeted (429.045€ compared to 393.820€), 10,28 % higher than in 2017. This was mainly due to an increase the following positions:*

- *Higher administrative support (57.409€ compared to 38.500€ as budgeted and 68,20 % higher than in 2017),*
- *higher DCSC support to TC events (7.438€ compared to budgeted 12.000€ and 33,90 % higher than in 2017),*
- *and higher expenses on projects (70.505€ compared to budgeted 26.500€ but nearly the same amount as in 2017).*

*Both, income and expenses have been higher than budgeted, resulting in an operational loss of 115.640€. This is slightly higher than the 99.170€ budgeted and 29,96 % higher than in 2017. It should be noted that Establishing Digital Library and Marketing Plan (65.517€) are considered as investments, financed from return from portfolio. When considering this, the operational loss was only about 50K€. In contrary to 2017, this operational loss could not be compensated by a return from portfolio (a loss of 154.069€ compared to a loss of 22.000€ in the budget while in 2017 we had a profit of 192.136€). This loss results mainly from a much*

*lower portfolio market evaluation, probably mainly because of the 2018 market distortions. For the moment, this loss is only in the books.*

*The overall balance results in a loss of 291.507€. The operational deficit was lower (115.640€, as mentioned above) and the portfolio invest income of 112.793€ nearly balanced the portfolio-based expenses of 115.942€ (65.517€ for financing projects from portfolio, 21.798€ TC fund provision, and 28.627€ portfolio management fees).*

*FC congratulates the secretariat and the treasurer for this successful financial management in a not so favourable financial and political environment. FC make the request to all TCs that for a period of 4 years their income and expenditure have to be more or less balanced. In addition, FC makes the request that a mid-term finance plan for the Digital Library is worked out by the Publication Committee.”*

The Finance Committee **strongly REQUESTED** that a mid-term finance plan for the Digital Library is worked out by the Publication Committee.

The Board **ACCEPTED** the report from the Finance Committee and **SUPPORTS** its request for a finance plan for IFIP's Digital Library.

### **3 Flagship Events**

#### **3.1 World Computer Congress (WCC) 2018**

As there was no report submitted to the Board, **Mr Hinchey** reported shortly that the WCC2018 in Poznan was a scientific success. Financially it was breakeven.

#### **3.2 World IT Forum (WITFOR) Future**

**Ms Marin-Raventos** informed the Board that there are investigations with Ghana and Tanzania with target date 2021 in process. She will follow this option.

#### **3.3 World CIO Forum (WCF) Future**

**Mr Hinchey** informed the Board that IT Ukraine has withdrawn its offer to hold the WCF 2019 in Kiev, Ukraine due to not getting sufficient sponsorship for the event. The General Secretary said that China has expressed some interested in hosting a WCF in 2020. He will investigate further.

### **4 InterYIT**

**Mr Hinchey** presented the report of InterYIT submitted by its Chair Mr Amit Yoshi.

*“The Working Objectives (2018 - 19) for InterYIT are*

- To encourage the professional growth of Young Professionals around the world.*
- To be the umbrella organization for all Young IT groups that are directly and in-directly working with national computer societies.*
- To foster communication between Young IT Groups.*
- To encourage the creation of new Youth IT Groups within member societies who does not currently have such representation.*
- To promote representation of young professionals in the computer societies as well as within IFIP.*
- To be the linkage between young professionals and IFIP.*

*The InterYIT board expects to expand its services to support young professionals around the world as well as to strengthen groups of young professionals who are in the field of IT.*

*InterYIT represents youth or Young ICT Professionals represents the countries or regions, covering all 5 continents at this point of time. Ambassadors would be the face of the InterYIT in the member countries as well as trying to maximize the presence of InterYIT in non-member countries as well. Ambassadors are responsible for promoting InterYIT activities among the like-minded researchers and Young ICT professionals working in the different ICT domains.*

*InterYIT represents youth or Young ICT Professionals represents the countries or regions, covering all 5 continents at this point of time. Young members would be the task force of the InterYIT which will signify its presence among student community. Student are responsible for promoting InterYIT activities in their institutes.*

*IFIP InterYIT Associated Events:*

- *World Conference on Smart Trends in Systems, Security and Sustainability (WS4 2018). Dates - 30 -31 October 2018, Venue – Hotel Holiday Inn Regents Park, London, UK*
- *Workshop in IP Innovation for young IT professionals. Date - 20 November 2018, Venue – NHSM Group of Institutions, Kolkata, India*
- *The World Thematic Conference – Bio medical engineering and computational intelligence (BIOCOM2018). Dates - 30 -31 October 2018, Venue – Hotel Holiday Inn Regents Park, London, UK*
- *International Workshop on Augmented Reality with IoT. Date - 10th December 2018, Venue - Regional College, RIICO Institutional Area, Sitapura, Jaipur, India*
- *SEARCC Executive Council Meeting and SEARCC Awards 2018. Dates- 3rd- 4th December, Venue - Colombo, Sri Lanka*
- *International Conference on Engineering Trends in Science, Engineering & Management (ETSEM). Dates - 23rd- 34th February 2019, Venue – Modern Institute of Technology and Research Center (MITRC), Alwar, India*
- *Third International Conference on Smart trends for Computing and Communications (SmartCom 2019 ). Dates - 24-25 January 2019, Venue-Hotel Novotel, Bangkok, Thailand*
- *Fourth International Congress on Information and Communication and Technology (ICICT 2019). Dates - 25-26 February 2019, Venue- Hamilton Centre, Brunel University , London, UK*
- *The Association of Thai ICT Industry ( ATCI), Thailand Venue - Bangkok*

*IFIP InterYIT Proposed Events ( 2019):*

- *International Conference on ICT For Sustainable Development ( ICT4SD 2019 ) Dates- 5th- 6th July , Venue- Hotel Vivanta by Taj, Goa*
- *World PubCon 2019 Summit Dates- 5th- 6th July , Venue- Hotel Vivanta by Taj, Goa*
- *World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4) Dates- 30th - 31st July , Venue- Roding Building, London Metropolitan University, London*

- *World Conference on Internet of Things : Applications& Future(ITAF) Dates- 29th-30th- September, Venue- French University in Egypt, Cairo, Egypt*
- *InterYIT - ICT in Education Meet 2019 Date – 23rd May 2019, Toronto, Canada*

#### *IFIP InterYIT Young IT Professional's Awards 2019 Objectives*

*Recognize Young IT Professionals around the world at Global level for their achievements. Encourage young professionals to do even better in their profession.*

*Take IFIP Chair / InterYIT Chair message to younger audiences through young industry leaders.*

*Provide them a stage and spotlight to launch themselves to a global arena.*

#### *Young ICT Awards category*

- *International Young IT Professional of the Year*
- *International Young IT Entrepreneur of the Year*
- *Best International Student IT Project of the Year*
- *Innovation in ICT Education Solutions*
- *Best Researcher of the year*
- *Best ICT Technology provider of the year*
- *Best IoT Solutions provider of the year*

#### *Start-Up Awards Category*

- *ICT Rising Star of the Year*
- *Digital Online Startup of the year*
- *Women Digital Startup of the year*
- *Best E-commerce startup of the year*
- *Best early stage startup*
- *Best Digital Entrepreneur of the year*
- *Intrapreneur Award*
- *Innovative Startup of the year in ICT*

*For more details visit -- [www.ifipinteryit.org](http://www.ifipinteryit.org) The Deadline for nomination is 30th April 2019*

*The team IFIP - InterYIT is continuously striving to connect more young IT Professionals and enhancing its activities for the benefit of IFIP members societies."*

## **5 International Professional Practice Partnership (IP3)**

**Mr Wong** presented the report of IP3 to the Board.

*"The plans for the 12 months include:*

- *Write a proposal for funding of Frameworks mapping, defining the building blocks of Professionalism, Ethics and updates to the Skills 2020 report (to support mapping and development).*
- *IP3 hopes to collaborate with Technical Committees and Domain Committees.*
- *We want to continue the discussions on "Giving Voice to Values" as it relates to Ethics.*
- *Develop one or more prizes that applaud Professionalism.*
- *All our outreach activities: presentations; writing; etc, will continue to promote the iDOCED (Duty of Care in Everything Digital) and Trust campaign.*
- *It is interesting to note that hot on the heels of GDPR in Europe is the start of the Duty of Care conversation in the US re: Data Protection/Privacy "The Data Care Act will help by establishing a duty of care for sensitive data and by ensuring the FTC can hold companies accountable when they fall short." - the message we actively promote.*

### *World Summit for Information Society (WSIS)*

*The next WSIS will be held from 8 to 12 April 2019 in Geneva, and IP3 will host a Thematic Workshop, as we have done since 2012:*

- *Thematic Workshop Title: How do we maximise the benefits of Innovative 4.0 technologies, without unnecessary risks and consequences?*
- *Expanded title: As Innovative 4.0 Technologies including AI and algorithmic decision-making bring economic and societal benefits in many areas of our human endeavours, how do we maximise the benefits without exposing our Society to unnecessary consequences and risks? The workshop is on April 11.*
- *The Workshop will be chaired by Moira de Roche and include panellists Mike Hinchey, Stephen Ibaraki, Austeja Trinkunaite (CEPIS S-G), Liesbeth Ruoff and Anthony Wong. We are excited that for the first time we have input from our European colleagues.*

### *CSTD Proposal – CSTD Proposal – PROFESSIONALISM IN DIGITAL SKILLS AROUND THE GLOBE*

- *At the IFIP World Computer Congress in Poznan, September 2018, Ms Sirimanne of the United Nations Commission on Science and Technology for Development (CSTD) invited IFIP to collaborate among others on the annual CSTD priority themes; and with UNCTAD on e-commerce and the digital economy.*
- *Liesbeth Ruoff, has tabled to the IP3 Board for its consideration a draft proposal to CSTD corresponding to the action of the board meeting in Poznan: PROFESSIONALISM IN DIGITAL SKILLS AROUND THE GLOBE*
- *The goals and deliverables set in this proposal are:*
  - *to make a repository of best practices, frameworks and use cases worldwide around the development and the usage of frontline digital technology;*
  - *practical recommendations based on findings; and*
  - *start a platform of experts based on the inventory of best practices and use cases around the development of the ICT profession.*
- *IP3 plans to meet with Ms Sirimanne in relation to the CSTD proposal in April.*
- *Moira, Mike, Liesbeth and Raymond plan to meet with Ms Sirimanne in relation to the CSTD proposal in April at WSIS.*

### *IP3 Accreditation & Standard Activities*

- *Re-accreditation and compilation of CIPS application under discussion.*
- *ACS is due for re-accreditation at the end of 2019 with IITPSA renewal due in 2020. IITPSA plans to include 2 new levels of certification and Cyber-security as specialism.*
- *Tetsuro Kakeshita from Information Processing Society of Japan (IPSJ) reported that ISO/IEC 24773 Standard Software and systems engineering - Certification of software and systems engineering professionals - Part 1: General requirements <https://www.iso.org/standard/69724.html> has been revised and has been published as an ISO Standard. ISO/IEC JTC1/SC7/WG20 is now working to develop other parts of ISO/IEC 24773. IPSJ and Institute of Professional Engineers, Japan have agreed to recognize a Professional Engineer, Japan (P.E. Jp) whose technical discipline is Information Engineering (Computer Engineering, Software Engineering, Information Systems & Data Engineering, Information Network Engineering) as a certified IT Professional (CITP) accredited by IP3. IPSJ expects to develop a professional community of IT professionals through collaboration of other related societies such as this.*

### *Presentations*

- *Liesbeth Ruoff introduced and presented the e-CF European Standard to the Executive Board of SEARCC at its meeting in Colombo Sri Lanka on 4 December 2018 which was built on 40 IT competences:*
  - *A competence is seen as a demonstrated ability to apply knowledge, skills and attitude for achieving observable results. The 40 competences are divided in 5 groups: PLAN, BUILD, RUN, ENABLE and MANAGE and each have up to 5 levels.*
  - *She made them aware that the European standard is driven by business and made through a transparent, balanced and consensus-based process in which relevant stakeholders are involved. These standards are not owned by a company or organization but managed by The European Standard Organization CEN CENELEC, a private international non-profit organization: <https://www.cencenelec.eu/aboutus/governance/Pages/default.aspxLast>*
  - *Liesbeth explored the customizing and bridging opportunities with the e-CF Framework that were introduced. Customizing with profile and competence description templates for example, and bridging opportunities from profile to competence, or from a deliverable like a Business Plan, Roadmap or Sprint Planning to competence or profile. The mapping of SFIA with e-CF closed the introduction session. <http://www.ecompetences.eu/e-cf-3-0-download> .*
  - *Liesbeth presented a similar presentation to KNVI in December.*
- *Moira de Roche has met with Austeja Trinkunaite Sec-General of CEPIS by Skype. She has committed to including IP3 in CEPIS event(s) in 2019 and will be speaking at WSIS*
- *Moira signed IP3 on to IT Professions Europe (ITPE).*
- *Moira also chaired a session “The Future of Africa is Tech” at the Women in Tech Africa conference in Cape Town on 18 & 19 March. She made use of the opportunity to promote IP3 & iDOCED.*
- *Moira featured in a video interview on multiple channels including on ACM.*
- *There are also interviews with Blaine Bey and Brent Reed of CIPS and with Nobel Prize winner Irakli Beridze around the ethical use of technology (interview one and two). All appearing with the ACM (which goes out globally) and with CIPS under the website.*
- *Stephen Ibaraki keynoted at the YPO Edge annual conference held in Cape Town from 6-7 March 2019:*
  - *YPO Edge is largest premier gathering of notable CEOs.*
  - *The theme of the 2019 YPO EDGE: to inspire leaders to live the “Life of RE\_Skill, RE\_Tool, RE\_Boot, and RE\_Invent,” a state of perpetual upgrade and improvement.*
- *Earlier, July 2018 , Stephen was invited as a founding member of the Steering Committee of AI Pioneers whose objective is to produce a digital manifesto, capability maturity model and more for AI. AI Pioneers consists of invited heads of innovation in AI from Fortune corporations, governments, United Nations, research and more.*
- *In December, Stephen keynoted twice at the CSI/TSS Yonder25 Conference in Cluj Romania: on “entrepreneurship” to executives; on the “future of life and the enterprise involving Society 5.0 and the 5th Machine-age Unlimited X-Revolution (5MUZ) to executives in the software industry and executives of companies using software.*
- *Stephen was the mainstage plenary speaker at the Resharing National Security forum and symposium hosted by Shanghai Institute for International Studies (SIIS) and Centre for Artificial Intelligence and Robotics United Nations Interregional Crime and Justice Research Institute (UNICRI).*
- *IFIP and the IFIP President have been invited to participate at the interdisciplinary conference AI for Good Global Summit. Ethical and positive usage of technology are the undercurrents of the summit.*
- *Stephen has published a series of Forbes articles which address the positive use of technology and corporate ethics:*

<https://www.forbes.com/sites/cognitiveworld/2019/03/02/the-value-of-ethics-and-trust-in-business-with-artificial-intelligence/#21eca90d237d>

- ACM updated its ACM Code of Ethics in 2018 and published the Seven Principles to Foster Algorithmic Transparency and Accountability for the first time.
- BCS President Chris Rees joined ACS and Anthony Wong to speak on 'Ethics in AI and IT' in November in Australia and on the importance of ethical standards in an AI-driven world. Rees presented the need for ethics to be placed front and centre of the AI debate.
- The ACS organised a 7 column series on Ethics, covering artificial influencers, facial recognition, IoT, security and more. The series included an online panel on 11 December: Ethics Part 1: Artificial influencers- Not all social influencers are human.
  - Ethics Part 2: Facial recognition unmasked - There are equally amazing and frightening uses of the technology.
  - Ethics Part 3: When IoT goes wrong - Amazon Alexa and Google Home are just the start of an IoT onslaught.
  - Ethics Part 4: Who's to blame for phishing breaches? It's the most common form of social attack.
  - Ethics Part 5: Could encryption legislation increase risk of being hacked? - The government wants access to private communications.
  - Ethics Part 6: Would you install a keylogger at your workplace?
  - Ethics Part 7: Do you abide by a professional code of ethics?

#### *Kay Foundation and David O'Leary prize*

- Kay Foundation has agreed to fund the David O'Leary prize.
- The next steps are to formalise the process and criteria for the awarding of the prize and the establishment of a nomination committee and a judging panel.

#### *Other Activities of Interest relevant to IP3*

- The 40th International Conference of Data Protection and Privacy Commissioners took place in Brussels from 22-26 October. Data protection authorities, experts, representatives from NGOs, business, technology and government met to Debate Ethics: Dignity and Respect in Data Driven Life. The videos:
  - <https://www.youtube-nocookie.com/embed/e4qmh53WEGk>
  - Opening speech - Giovanni Buttarelli: Putting Dignity back into Digital
  - Opening Presentation: What is Ethics? - Professor Anita Allen
  - Keynote address - Sir Tim Berners-Lee provide good introduction background to the subject of Ethics in Professional Practice.
- Also the gathering has signed a Declaration on Ethics and Data Protection in Artificial Intelligence.
- The EU Data Protection Supervisor has also produced a hilarious comic book on Digital Ethics:. A must light read as an intro to the subject of digital ethics <https://lnkd.in/f-Fh3md>.
- The following are some legislative activities indicating that ICT Professionalism is starting to mature around the world:
  - The UK Government recently announced plans to develop a Cyber Security Profession in the UK. The initiative, which was announced in December last year, will include different specialisms and Chartered status for cyber security professionals.
  - The Malaysian government has legislated to establish an independent professional body (Malaysian Board of Technologists 'MBOT') through the Technologists and Technicians Act 2015. MBOT certify: professionals with practical experience and with Bachelor degrees as Professional Technologists; and lower qualifications holders with practical experience as Technicians.

*IP3, SEARCC and ACS, have had a series of meetings with representatives from the Malaysian government on ICT Professionalism since 2011 when Anthony met with the Minister of Science, Technology and Innovation and a Malaysian High Court judge (who spoke at WCC2010 in Brisbane and attended IFIP 50th Anniversary)."*

## 6 Technical Assembly

There was no report from Technical Assembly submitted.

## 7 Domain Committees

### 7.1 DC on Health Care

**Mr Hinchey** informed the Board that no report arrived

### 7.2 DC on IT in Disaster Risk Reduction (DCITDRR)

**Ms Murayama** presented the report from the DC on IT in Disaster Risk Reduction:

*"Past Events since last General Assembly:*

- *22 September 2018: ITDRR2018*
  - *3rd IFIP Conference on Information Technology in Disaster Risk Reduction*
  - *Poznan Technical University, Poznan, Poland, September 20-21, 2018*
  - *16 abstracts accepted out of 33 submitted*
- *7-11 January 2019: HICSS-52*
  - *ICT and Artificial Intelligence for Crisis and Emergency Management (Minitrack Chairs: Julie Dugdale, Elsa Negre, Murray Turoff*
  - *Disaster Information, Technology, and Resilience in Digital Government (Minitrack Chairs: Frederick Benaben, Mihoko Sakurai, Andrea Tapia)*
- *21-24 March 2019: ICoCSIM-2019*
  - *the Third International Conference on Computational Science and Information Management! ICoCSIM-2019*
  - *Benny B. Nasution is one of main organisers*
  - *Requirements for Disaster Communications (Yuko Murayama)*

*Future Events :*

- *April 2019: WSIS2019*
  - *8-12 April 2019*
  - *ITU, Geneva, Switzerland*
  - *IFIP and UNESCO Workshop on Media and Information Literacy empowered by Artificial Intelligence for Diversity and Disaster*
  - *Speakers from UNESCO, UN Women, IFIP and NPO*
- *May 2019: ISCRAM2019 in Valencia, Spain*
- *October 2019: ITDRR2019 and DC meeting in Kiev, Ukraine*
- *January 2020: HICSS-53 in Maui, HI, USA"*

**Ms Murayama** reported that the Dc on IT in Disaster Risk Reduction will be converted to a Working Group within TC5 by end of this year.

### 7.3 DC on Internet of Things (IoT)

**Mr Hinchey** presented the report from DC on Internet of Things:



*“Since the last report two new members were welcomed, Srinivas Katkoori (TC-10), University of South Florida, Tampa, FL, USA and Ulrika Westergren (TC-9, replacing Christina Mörtberg), Umeå University, Umeå, Sweden. Many thanks to Christina for her contributions.*

*The draft position paper was discussed in the first working conference during WCC 2018 and in GA 2018. The draft position paper is included in the proceedings of the working conference. A revised version is submitted to the Board 2019 for approval.*

*The first conference was organized as part of the IFIP WCC 2018 in Poznan, Poland. For a first edition of a new, cross-domain event it was reasonably successful. Because of the concept of WCC, allowing people to move around events, participation in the IoT sessions varied between 25 and 35. Important to note that there was active participation in the discussions and that the concept of a cross-domain approach was appreciated. In addition to an invited speaker and a panel session on the position paper, 12 of the 13 accepted papers were presented. The post-conference edited book includes the 12 refereed papers, a paper by the invited speaker and the draft IFIP position paper. In addition four contributions of other WCC sessions are included.*

*The book, number 548 in the IFIP AICT series, will be available full (golden) open access in Springer Link.*

*The first edition was promising enough to start organizing a second edition. This will take place on 31 October and 1 November in Tampa, Florida, USA. The Call for Papers is out, event is registered (see IFIP Calendar of Events, event number 04325).*

*For call for papers go to <https://easychair.org/cfp/IFIPIoT2019>*

*For paper submissions go to <https://easychair.org/conferences/?conf=ifipiot2019>*

*For more information visit the congress website [ifip-iotconference.org/2019](http://ifip-iotconference.org/2019)”*

**Mr Hinchey** added to the report that the conference of IoT in Poznan was very successful.

The Board **ACCEPTED** the position paper of IoT.

(Please see <http://www.ifip.org/images/stories/ifip/members/Board2019/Reports/it08-3b%20iot%20position%20paper%20version%202019-03-24.pdf>)

## 8 Publications

**Mr Rannenberg** informed the Board about the work within the Publications Committee since the GA 2018 meeting:

- *Accomplishments since the 2018 GA meeting, important facts and ongoing work*

- *Revision and update of the IFIP Digital Library*

*The implementation of the new IFIP DL provided as a professional service by Inria is progressing further. The current status can be viewed at <https://hal.inria.fr/IFIP>. All IFIP publications by Springer from 2010 through 2018 are in the DL.*

*We have the first three eCollection (non-Springer) volumes in the DL. One can see the eCollection from the home page. Each one is also in the collection for its TC and events.*

*For the most recent publications (for which Springer has the exclusive publication and embargo rights for three years until author copies published) the tables of contents are given. There is a link to the author manuscript and a link to the paper in SpringerLink. So the author manuscript can be obtained by clicking on its link, and the publication copy of the paper can be obtained by clicking on its link (designated “DOI”). The publication version link will be active as soon as the proceedings volume is added to the DL, so the paper will be accessible to those with a subscription to SpringerLink, and then it will be accessible to the public four*

years after publication. The author manuscript link will not be active until three years after publication.

For all downloadable papers the numbers of record views and document downloads are given. <https://hal.inria.fr/IFIP-AICT-362/hal-00669799> also documents an example of the interface to Altmetric coverage with e.g. Mendeley and News references. Several options for search are implemented and also a function "Cited literature" to extract bibliographies from articles automatically.

We are working with Inria to smoothen the process of integrating proceedings, especially non-Springer ones.

At the same time thanks to the volunteer efforts of TC 6 and especially Aiko Pras we continue to have many IFIP publications (mainly proceedings from 2005 till 2012) available for free access already now at <http://dl.ifip.org/>. This is not limited to TC 6 publications and holds for publications three years old and older. However this library has collected more proceedings than agreed and made announcements, that the links to those proceedings would be preserved, even when [dl.ifip.org](http://dl.ifip.org/) will be rerouted to the new IFIP DL. Therefore the transfer effort is larger than expected.

- **Open Access to IFIP Publications**

Open Access to IFIP Publications is currently realized via three channels, as documented on [www.ifip.org/index.php?option=com\\_content&task=view&id=219&Itemid=564](http://www.ifip.org/index.php?option=com_content&task=view&id=219&Itemid=564) :

1. The upcoming IFIP Digital Library (<https://hal.inria.fr/IFIP/>), which currently makes available the author's files of IFIP Springer publications (AICT, LNCS, LNBIP) from 2016 (as applicable) back to 2010. It also has the references to such publications up to and including 2018.
2. Springer Link (<https://link.springer.com>) for IFIP Springer publications (AICT, LNCS, LNBIP) with free access for all articles 4 years old and older, almost complete back till 2005 and on top many publications back till 1995, when Kluwer became the official IFIP publisher. NB: Not the "books" are free, but the individual articles. So don't get confused by the fact that there is a lock on the book download. Just move on to the table of contents and download the articles individually.
3. The previous IFIP Digital Library ([dl.ifip.org/](http://dl.ifip.org/)) for some non-Springer publications and also Springer publications between 2005 and 2012.

Combined, (almost) all IFIP works published with Springer from ca. 2005 to 3 years old are available for open and free access (one way or the other). In addition many proceedings back till 1995 when Kluwer Academic Publishers (KAP) became the official IFIP publisher are available (NB.: KAP, the then official IFIP publisher, was merged into Springer back in 2004).

- **Publications Agreement with Springer**

The current contract with Springer is valid since January 01, 2015 and until December 31, 2019. It is then automatically renewed for a period of five years unless it is terminated by either party by supplying to the other party written notice of intent to terminate the agreement nine months in advance of the termination date.

In line with the tradition IFIP has given notice in time to negotiate a new contract. IFIP' main interests are

- a reduction of the embargo time both in Springer Link and for the IFIP DL;
- a rising of the royalties following the general rising of costs over the last year (15%?);
- the establishment of the free access for the publications in IFIP Select.

Since spring 2018 Springer is presenting a new version of the “Consent to Publish” form that authors need to sign, when they want to publish in IFIP Springer proceedings. This has been checked and agreed by the Publication Committee.

IFIP’s flagship line of publications is IFIP Advances in Information and Communication Technology (IFIP AICT, <http://www.springer.com/series/6102>). Besides the main line IFIP AICT currently has two active sub-lines: Surveys and Tutorials. In addition several IFIP publications are published as part of LNBIP and LNCS. In 2018 altogether 45 volumes were published (after 48 in 2017 and 49 in 2016). Income for 2018 has been 50001 EUR after 60938 EUR for 2017 and 51942 EUR for 2016. So the positive trend from 2017 (increase by 17.3 %) could not be upheld, but a decrease by 17.95 % occurred.

As of 2017 Springer has started inserting society logos on the SpringerLink pages of proceedings resulting from their cooperation with societies. Therefore the IFIP-logo is being displayed on the bottom of the sections “About these proceedings” (Bibliographic information) and “About this paper” of all IFIP AICT, IFIP LNCS and IFIP LNBIP volumes. Authors and editors can now add their ORCID (Open Researcher and Contributor ID) to their name in all IFIP-AICT proceedings papers.

Access to IFIP publications with Springer (AICT, LNBIP, and LNCS) is as follows:

- All IFIP publications in SpringerLink are becoming cost-free accessible four years after publication. This holds for as long as IFIP has a contract with Springer. It covers the publications since the contract between IFIP and Chapman and Hall (and later Kluwer) back in 1996. So many more of the earlier IFIP publications are now available for free as long as this contract holds. (NB: This is not to be confused with the embargo period for the IFIP Digital Library. After 3 years IFIP can put the author’s versions of IFIP publications published with Springer into the IFIP Digital Library.)
- “Retrodigitized” proceedings are opened after 3 years instead of 4 years. As Springer had retrodigitized many of the older proceedings in 2013, almost all became available during 2016.
- Publications published under the current contract (i.e. from 2015 till end of 2019) will be accessible cost-free also after the end of any contract with Springer.

The interaction between a proceedings editor and Springer is subject to all procedures established by IFIP for all IFIP publications. In particular, this includes any quality assurance mechanisms established by IFIP. There is a high degree of agreement on quality issues between Springer and IFIP, although some elements in IFIP’s policy had needed explanation. To operationally ease the process of quality assurance the members of the AICT Editorial Board are being informed every time, when Springer has accepted to start the process of publishing proceedings from an event of “their” TC.

The relation between the IFIP AICT Editorial Board members and the respective TCs is now made explicit both on the Springer IFIP AICT website and the AICT book front matter. The IFIP AICT website also links to detailed information about the 13 series editors organized by the IFIP TC.

Springer is more interested in topically targeted publications than in publications that cover the whole of informatics or computer science.

An IFIP event whose proceedings are published by Springer can receive 49 print or electronic copies of the proceedings free of charge except for shipping costs. However, it should be noted, that Springer is moving to the option of temporary, normally four weeks, free access to the publication on SpringerLink instead of this option, so at some point in the future there may be only the option to receive temporary free access to the proceedings in SpringerLink.

Springer is currently offering the free use of the iThenticate tool for plagiarism check as a part of the Springer proceedings publication package. The tool is offered on demand to all events publishing with Springer, but as it has costs, Springer does not

publicize this widely (also, 90% of the events seem to not really need this). The software checks everything registered at CrossRef (whatever has a DOI – so all serious publications) plus a lot of cites on the web. The tool is not perfect, but to Springer's knowledge the best available.

There are also general trends in Springer's strategies that are worthwhile to note:

- Springer plans to offer to IFIP a special tariff structure for IFIP events going for immediate open access publications with Springer (currently the fees are 37 EUR/page, if a whole volume is made open access and 42 EU/page, if single articles are made open access). 2 WGs published one volume each under the current tariff for Springer open access publications.
- Publications on SpringerLink are moving from pdf to an html/e-book compatible format. Actually in 2017 Springer has been publishing everything except one volume (where the editor insisted on camera-ready pdf publication) in full-text HTML (and pdf and EPUB).
- Proceedings can be made available to an event for four weeks around the event dates, normally two weeks prior and two weeks following the event.
- All printing is by "print on demand".
- For institutions who purchased one or more eBook collections from Springer and their people there is a lower quality, black-white only printing option, called "MyCopy" for 24.95 USD/EUR (depending on shipping address) per copy including shipping & handling excluding local VAT/Sales tax where applicable. Details including a list of the ca. 30 countries, where this service is available, can be found on <https://www.springernature.com/de/librarians/products/product-types/books/my-copy> ..

Please let the PC know any issues that you see, so that they can be discussed and considered in the work with Springer and for future negotiations.

- **IFIP Select: An "e-journal" comprising "best" papers from IFIP proceedings**  
The purpose of IFIP Select is to obtain a better outreach and diffusion of some of the excellent research done in within IFIP TCs and WGs. By doing that and adding some information & discussion on the practice contribution we make the research produced within IFIP available to a much larger audience of national computer societies. IFIP Select is to be a more or less regular compendium of papers from IFIP proceedings that could be of interest to an audience, especially member societies, who could distribute that compendium and see value in it justifying the IFIP membership fee. "Best" is "Best for member societies", i.e. more overview papers than very special ones.  
The concept especially includes asking the authors of the selected papers to produce a "cover paper" of 2-3 pages that describes the related scientific paper and its relevance for a more mainstream audience, especially for practitioners and other "typical" members of member societies.  
IFIP Select is accessible under [www.ifip.org/select](http://www.ifip.org/select) and via the IFIP home page. It contains the "cover papers" and links to the full original papers in the IFIP DL or Springer Link or copies of the full papers, if they are not published elsewhere.  
An agreement was reached with Springer that existing papers from Springer Link can be linked in a way enabling cost-free access. These papers are available for 12 months to cover for 2 issues per year.
- **Editorial process**  
The TC Chairs once a year appoint two published papers from the last 18 months as the best from their TC.  
The Editor-in-Chief contacts the authors and asks them to write and add a 2-3 page "How can I apply this? – The practice contribution" aimed at the thousands of members of national and regional Computer Societies (that are members of IFIP).

*When received this new addition is reviewed by a small Editorial Board (ideally 2 people) appointed by IFIP Publications Committee consisting of representatives from National Societies with a reasonable command of research.*

- *Logistics*

*The journal is to be published electronically 2-3 times a year. In each issue of the journal there are to be 5-7 papers. This means that each TC on average will have 1.5 best papers published per year.*

- *Operations till now*

*Jan Pries-Heje – former Chair of TC 8 – is Editor-in-Chief for the first 3 years. Elizabeth Eastwood has agreed to review the “cover papers” from the perspective of a national computer society representative*

*The inaugural issue with 6 papers was published in February 2019 ([http://www.ifip.org/gensel.php?option=com\\_content&task=view&id=262&Itemid=674&vol=1&issue=1](http://www.ifip.org/gensel.php?option=com_content&task=view&id=262&Itemid=674&vol=1&issue=1)). It contains papers from TCs 3, 8 (2 papers), 9, and 13 (2 papers).*

➤ *Plans*

• *Continued development of the IFIP DL and the “IFIP eCollection” series*

*Aiming for an “IFIP eCollection” series as the primary series for proceedings not published by Springer a process is being developed to integrate the respective articles (including proceedings with an IFIP ISBN) into the IFIP DL. Several publications are being used for test runs. Tools are needed to support the editors of non-Springer proceedings for those tasks that for Springer proceedings are executed by Springer. This holds especially for the transfer of files out of paper reviewing systems and the production of the metadata needed for the DL. One option is the Sciencesconf conference management system that Inria provides. However, at least four different systems are being used by the several organizers of TC-6 conferences. A related step is to transfer the e-only proceedings that are currently in Aiko Pras’ library into the new IFIP DL.*

*Moreover it is planned to redirect dl.ifip.org to the new IFIP DL. This requires that the links to the proceedings in the previous IFIP DL will be preserved or redirected. As this library has collected more proceedings than agreed and made announcements, that the links to those proceedings would be preserved, even when dl.ifip.org will be rerouted to the new IFIP DL the transfer effort will be larger than expected.*

*In view of restricted resources in Inria the opening of the IFIP DL towards non-Springer proceedings has got priority over the bibliographic processing of Springer IFIP proceedings older than 2010.*

*There are also some open questions being clarified with regard to IFIP’s possibilities and impossibilities for (usually old) papers where the copyright is not clear.*

• *Quality assurance for IFIP publications*

*Work is underway to implement quality assurance for all IFIP publications by an IFIP editorial board. Feedback from the Technical Assembly on the proposal for regular quality assurance process (that had originally been developed within the Technical Assembly) was mixed. Some TCs like the process. A few TCs don’t see any need for any formalized process, as one should trust the well-chosen Programme Committee chairs. Some TCs are insecure about the effort for the process. One TC is now trialling the proposed process reporting good experiences. For the “IFIP eCollection” series quality assurance will also need to cover those aspects that with Springer publications Springer is taking care of (e.g. compliance with the IFIP templates and proper lists of references). The respective requirements procedures are now being discussed with the IFIP TA.*

- *Development of IFIP AICT*  
*The intention remains to involve the AICT Editorial Board, along with the PC, in considering how to make AICT a stronger series, using sub-lines to distinguish between different types of events and publications. A new sub-line “Festschrifts” (honouring individual researchers and their scientific work or their institutions or fields) will be established.*
- *IFIP Select: An “e-journal” comprising “best” papers from IFIP proceedings*  
*After the publication of the first issue this is being publicised together with Springer. New submissions will be invited from TC Chairs before Easter with a deadline of 2019-05-15 for publication in early September 2019.”*

## 9 Website

**Mr Hinchey** presented the report of the Website Taskforce chaired by Mr Bramer about the progress in enhancing IFIP’s website of the Website Taskforce:

*“A number of updates have been made to the website since my report to the 2018 General Assembly. These are described briefly and illustrated below.*

*(1) Five new video clips have been added to the ifip.org/visitors site to add to the four already there. I recorded them on an iPad during or shortly after the 2018 General Assembly in Poznan. Further recordings are welcome and should be sent to either me or the General Secretary for uploading to the site.*

*(2) The six 'featured articles from IFIP Insights' on the ifip.org/visitors home page have automatically been updated as new entries are uploaded to the ifipnews.org website by Quantum Values.*

*(3) The display of General Assembly members on the main home page has been improved by adding photographs on an optional basis.*

*(4) The 'curated journal' IFIP Select has been added to the website. A new menu entry has been added.*

- *Clicking on the link produces a menu giving access to all the issues of IFIP Select.*
- *There is only one entry at present. Other entries will automatically be added as they are uploaded to the website. Clicking on Volume 1, Issue 1 gives the first issue, which has links to the Editorial plus an extended abstract and the full text of the six selected papers.*
- *A permanent new link has been added to the body of the home page.*
- *Clicking on this goes to the most recent issue (updated automatically as new issues are added). The URL ifip.org/select will automatically go to the menu of issues.*

*(5) The online nomination facility for IFIP Fellows has been given much improved error handling facilities, avoiding the need for re-entering information when a compulsory field is left blank or some other data entry mistake is made.*

- *The General Secretary has been given facilities for editing nominations to correct errors and to delete duplicate or erroneous entries.*
- *Clicking on the 'Edit' link alongside a nomination enables the General Secretary to edit any of the fields in the nomination to correct any mistakes.*
- *In order to make it easier for the General Secretary to focus on just the nominations that need to be worked on, options are provided to filter the nominations, with the default view being of all the awards for the current year onwards. The data can be filtered to display just a single award, and to view them for all years, a specific year, or from a specific year onwards. The data can also be sorted either by reference number*

*(in the order it was input), or by status (whether it has been considered / supported / not supported etc). All the options are shown in the screenshot below.*

- *Additional status options have also been added to the system to reflect the full range of recommendations available to the various award panels. The status of each entry can be set to 'No recommendation from awards committee', 'Not supported by awards committee', 'Supported by awards committee', 'Supported for Service Award by awards committee' (only for silver core nominations), or 'Auerbach Award nomination supported by awards committee and the Board' (only for Auerbach Award nominations). The default setting for all types of award is 'No recommendation from awards committee'.*

*(6) Information about Associate Membership has been added to the Membership mini-site at [ifip.org/membership](http://ifip.org/membership).*

- *The 'Join IFIP' page has been altered to draw attention to information about the various types of membership, to make it clear that applications may only be uploaded by those authorised to do so on behalf of their organisations and that any incomplete applications will not be considered.*

*(7) The facilities for Admissions Committee members and the General Secretary to view membership applications have been improved. They can now choose to view all membership applications, all non-deleted applications or only those that remain undecided.*

- *The General Secretary has been given an editing facility which can be used to correct errors in entries.*
- *Membership applications can now be given seven possible statuses: 'No recommendation from the Admissions Committee' (the default), 'Not eligible for this category of membership', 'AC recommends that GA approves the proposal', 'AC recommends that GA rejects the proposal', 'Proposal approved by GA', 'Proposal Rejected by GA' and 'Deleted'. The 'Deleted' status should be used if the application is seriously incomplete or duplicated.*

*(8) Finally, the documentation and website maintenance facilities provided for the General Secretary have been significantly improved and expanded and detailed information on maintaining the home page has been added."*

## **10 Standing Committees**

### **10.1 International Liaison Committee (ILC)**

**Mr Hinchey** informed the Board that an IFIP event will take place in Vienna, Austria under the title "AI and society" sponsored by IFIP and the Austrian government BMVIT on May 8<sup>th</sup> / 9<sup>th</sup>, 2019.

### **10.2 IFIP Fellow Selection Committee**

**Mr Hinchey** presented the report of the Fellow Selection Committee chaired by Mr George Kasper:

*"There were ten 2018 "unresolved" nominees.*

*A voting was managed by Max Brammer as directed by the IFIP Executive Committee and in accordance with Bylaw 5.4.3.*

*The committee was asked by the Executive Committee to "...vote, yes or no, for each of the nominations which are still unresolved for 2018." These results were due to General Secretary Eduard Dundler by the "end of Friday March 15".*

*Decisions were made based in accordance with Bylaw 5.4.3., where “those candidates who receive more ‘yes’ votes than ‘no’ votes will be considered supported. Others will be considered ‘not supported’ (i.e. rejected)”.*

*The five receiving more ‘yes’ votes than ‘no’ votes this year will be included with the eight recommended last year and all 13 are recommended as IFIP Fellows.”*

### **10.3 Digital Equity Committee**

**Ms Marin-Raventos** presented the report of the Digital Equity Committee to the Board. She said that DEC had a 2018 budget of 12.000 euros. During the first two calls 12.000 euros were allocated. Since at the end of the year it was clear that some activities would not be able to invest the funds received, an additional call has distributed and additional 1.000 euros funding were approved. Thus, during 2018, a total of 13.000 euros were allocated but only 6.804,30 euros were reimbursed on several reasons.

The total budget for 2019 is 12.000 euros. This year, most of the budget, 11.500 euros, was distributed during the first call. However, 8.500 euros were allocated to events that will take place before the second call, whose deadline is July 31st, 2019. This fact will allow DEC to reassign unreimbursed funds.

## **11 Membership & Marketing**

### **11.1 Membership & Marketing Committee**

**Mr Bramer** has been connected to the Board meeting over Skype. He presented the report of the Membership & Marketing Committee:

*“Membership*

*(a) 'Association IT Ukraine' was approved for membership at the 2018 General Assembly. The society has now paid its first member dues and so becomes the Federation's first National Member at Large.*

*(b) Hungary has terminated its membership for 'internal' reasons. I regret to have to report that Denmark has also decided to terminate its long-standing membership.*

*(c) Spain (ATI) has also terminated its membership. Discussions are under way about a possible replacement Country Representative Member.*

*(d) Problems have been experienced by the Computer Society of Iran in paying its annual membership dues because of international sanctions against the government of that country. At its meeting in February 2019 the Executive Committee decided to defer payment of dues as long as that situation continues. Thus, CSI remains as a member of IFIP.*

*(e) No new applications for membership have been received since the 2018 General Assembly.*

*Overall the Federation's membership remains in long-term decline, even though there are far more people involved in the Information Processing field than ever before and despite the introduction of a new category of membership, Member at Large. Late payment of membership dues remains a perennial problem.*



### *Website Changes*

*The website continues to be developed to make it more useful for both current and potential new members. Further information is given in a separate report from the Website Task Force to the Board.*

*IFIP Insights is continuing to appear on a monthly basis, together with IFIP News which is issued by the Secretariat every three months. The home page of the Visitors mini-site is automatically updated with the most recent six articles from the most recent IFIP Insights. In an attempt to improve the usefulness of the Federation's Twitter feed, details of the password etc needed to post messages was circulated to all Executive Committee members shortly after the General Assembly, but this has not so far led to any additional postings.*

*The online system for processing membership applications has been improved. The 'Join IFIP' page now includes a link to information about Associate Membership as well as Country Representative Members and Members at Large. Admissions Committee members have been given a facility for filtering applications and the General Secretary has been given facilities for editing the applications uploaded to correct errors, remove duplicates etc. Membership applications can be given seven possible statuses: 'No recommendation from the Admissions Committee' (the default), 'Not eligible for this category of membership', 'AC recommends that GA approves the proposal', 'AC recommends that GA rejects the proposal', 'Proposal approved by GA', 'Proposal Rejected by GA' and 'Deleted'.*

*Although the software has been improved, the lack of membership applications to process remains.*

### *Printed Material for Members and Potential New Members*

*The Membership Benefits leaflet and the Member Societies leaflet were sent to all member societies with their renewal invoices. Offers have been made to prepare two further leaflets, one about publishing books and the other about organizing events, but they have not yet been received.*

*The most important innovation since the General Assembly has been the production of the first in a new regular series of IFIP Annual Reports. The report is for session 2017-18, covering the period between the 2017 and 2018 General Assemblies. The annual report has been produced in paper form as a printed booklet of 133 pages. It contains reports from 23 of our member societies and all 13 Technical Committees as well as IFIP Officers, the IFIP Historian, chairs of Standing Committees, the Technical and Member Societies Assemblies, IP3 and one of the Domain Committees, plus a report on the 24<sup>th</sup> World Computer Congress. It has been sent in paper form to all members of the General Assembly and to all member societies with their membership renewal invoices and has also been placed online for downloading from the IFIP website home page. I would particularly like to thank our General Secretary for his work on assembling and producing this new publication.*

### *Discount Scheme*

*The policy of IFIP events giving a discount of at least 10% on registration fees to all members of IFIP member societies is now fully operational, with many new events approved since the policy was introduced at the 2017 General Assembly, potentially benefitting any one of the half million or so individual members of our member societies.*

### *Observations*

*IFIP is essentially a network of societies that come together for their mutual benefit. The more members there are in the Federation, the more beneficial the grouping will be for each of the members and the more influence it will have. A falling membership is likely to have the opposite effect. At present our membership is falling while our technology is becoming all pervasive and the need for a forum to discuss and act on social and ethical issues as well as*

*technical ones is of greater importance than ever before. In my view, as well as increasing the number of 'traditional' members we need to diversify our membership by bringing in a wider range of national and international bodies, plus major companies and other organizations and – not least – leading universities. A proposal to establish an 'academic affiliates' scheme was discussed at the last General Assembly and is an agenda item for this meeting of the Board. It is intended to make a detailed proposal to the 2019 General Assembly for changes to Statutes and Bylaws to establish the scheme.*

*The task of increasing and diversifying our membership is so important that it cannot be left to any one individual or any committee to deal with it. Rather, it needs to be a concern of the whole of the General Assembly, which of course includes the Board and the Executive Committee. At the last two General Assemblies I have made three requests for input from members, which I will repeat here. So far none of them has produced any reaction.*

*(1) We need to be much more proactive over recruitment of new member societies, especially National Members at Large, rather than simply waiting for applications to come in. General Assembly members are well placed to identify 'prospects' in their countries. The Membership and Marketing Committee can then draw up a shortlist of potential new members, with a reasonable chance of success. If every national society member identified one other society in the same country our total membership could rapidly rise. **Suggestions wanted!***

*(2) Having drawn up a 'prospects list' we need to consider how best each one should be approached. General Assembly members have a considerable number of contacts worldwide. At present the work of visiting and talking to potential members almost always falls on the President, but it is much too large a task for any one individual and I would like to see all GA members, especially the elected Officers and Councillors more actively involved in this task. **Offers of help wanted!***

*(3) We have the first two in a planned series of information leaflets, printed on light card as a double-sided A4 sheet folded to form a four-page A5 leaflet, but more are needed. Some possible topics are as follows (approximate titles):*

- |   |  |
|---|--|
| <i>* Benefits of Organising an IFIP Event</i>                     | <i>* What is InterYit?</i>                               |
| <i>* What do Technical Committees and Working Groups do?</i>      | <i>* What does the IFIP Digital Equity Committee do?</i> |
| <i>* How can I join a Technical Committee or a Working Group?</i> | <i>* What does the International Committee do?</i>       |
| <i>* What do Domain Committees do?</i>                            | <i>* What does IFIP publish?</i>                         |
| <i>* What is IP3?</i>   |  |

*Much of this information can be extracted from the website (although not always in a 'focussed' form) but it is unlikely that officials of either current or potential new member societies spend much time studying either our website or our social media and it may be helpful to draw what we do to their attention in a more tangible and durable form. I see the most important priority as being to produce a booklet on 'Benefits of Organising an IFIP Event'. **Offers of help welcome!***

*IFIP has an associated community that is far wider than the member societies and General Assembly members. It also includes the 400 or so members of our Technical Committees, the 3,000 or so members of our Working Groups, plus our Domain Committees, IP3 and InterYIT, plus the thousands of people who attend IFIP-sponsored or IFIP-organised events each year.*

*Given a reasonable amount of dedicated additional part-time administrative support, there is a great deal that could be done to keep our community proactively informed about our*

*range of activities, forthcoming events etc., on a regular scheduled basis, as well as developing an expanded portfolio of both paper and online documents, identifying new marketing opportunities, establishing GDPR-compliant mailing lists of event delegates, members of Working Groups and other entities, plus much more.*

*We also need to look closely at the 'product' we are trying to 'sell'. Diversifying our types of membership is not only desirable in its own right, but offers the prospect of an important new stream or streams of income. Creating Members at Large was a step in the right direction; so was establishing InterYIT. The Academic Affiliates proposal is another. However diversification should not end there.*

*In my view the task of increasing and diversifying our membership is fundamental to the future success of the Federation. If the General Assembly shares this view it needs to act much more proactively to bring change about than it has up to now. The most committed members of the GA are likely to be the Officers and Councillors, all of whom have been elected to represent the member societies' interests, so I look particularly to you for support in this venture and would particularly appreciate any offers of help or advice in relation to items (1) to (3) above."*

The Membership & Marketing Committee requested additional capacity at IFIP's headquarters.

The Board **SUPPORTS** the increase in manpower based in Laxenburg. Mr Hinchey, Mr Bramer and the General Secretary are **REQUESTED** by the Board to work on it. The Board **DECIDED** also to give the power to decide on this topic to the IFIP Executive Committee.

**Mr Tjoa A** reminded the Membership & Marketing Committee to ask the Member Societies to show the IFIP logo on their websites.

## 11.2 Academic Affiliates

**Mr Bramer** presented a proposal for a model to include Academic Affiliates into IFIP. He said that there are over 26,000 Universities worldwide, almost all of them offering degrees in IT and related subjects. Potentially they could all be members of IFIP. The present Affiliate model does not scale up:

- Representative entitled to attend the GA as observer.
- Entitled to nominate members to all 13 TCs (subject to Chairs' approval).
- No other benefits.
- No fees.

Mr Bramer proposed to bring Universities into IFIP on a fee-paying basis in a new category of membership, **Academic Affiliates**, outside the current structure. The characteristics for Academic Affiliates should be:

- *Membership fee: 250 Euros per annum [possibly reduced to 100 Euros for countries on UN developing countries list]*
- *Possibly free or reduced rate for two years for 'Founder Members'*
- *Fee level reviewed every two years, with changes delegated to Academic Affiliate membership is open to Universities and other institutions with degree awarding powers.*

Membership Benefits could include:

- Members may call themselves *IFIP Academic Affiliates* and use a specially-adapted IFIP logo.
- Staff (and students?) obtain the 10%+ discount on all IFIP events worldwide.

- IT students at Academic Affiliates entitled to free attendance at an IT student briefing/training day before each WCC (and perhaps other flagship events) subject to room size constraints.
- An Academic Affiliates representative on the GA, so Affiliates can influence IFIP policy. [One altogether, not one each!]
- A list of Academic Affiliates on the IFIP website and links to their institutional webpages.
- Regular information about IFIP events and how to get involved in Working Groups etc.

Benefits to IFIP:

- Valuable source of membership income.
- Visibility to IT staff and students worldwide.
- Increased University participation in Working Groups and attendance at IFIP events.
- Corresponding increase in the Federation's credibility with the outside world.

Admissions:

- Applications by invitation only (in start-up phase). Invitation list to be decided by EC. To include at least one of the best universities in each country with a CRM.
- Decisions on subsequent applications delegated by GA to Admissions Committee, but subject to approval by President.
- Online system for applications and a rapid admission process.
- Membership dues payable on January 1<sup>st</sup> annually. First payment is pro rata depending on when member joins. Membership starts after first dues received.
- Executive Committee authorised to terminate membership for non-payment of dues or for actions that risk bringing IFIP into disrepute.

The proposal has been discussed within the Board with different opinion. **Mr Rammig** supported in principle the proposal, but he suggested to take care that there is a national member society in the country where a. application arrives. All members of the Board agreed with Mr Rammig's suggestion.

**Mr Rannenberg** said that there is sceptics in Germany about the proposal in direction that IFIP would compete to its own member societies. He said tha the German society GI do not see any benefit on the issue.

**Mr Tjoa** added to the discussion that the last decision for being a member is at the national society.

The Board **DECIDED** to postpone the proposal to further investigation regarding the objections in this discussion.

## 12 Future Strategy

**Mr Hinchey** informed the Board that a draft of the Strategy document is under work and will come up for discussion before the General Assembly 2019.

## 13 IFIP 60<sup>th</sup> Anniversary

**Mr Hinchey** presented the report of the IFIP Historian Mr Johnson:

*"Progress to Date*

*September 2020 marks the 60th anniversary of the founding of IFIP. It is hoped to hold an event at UNESCO Headquarters in Paris to mark the anniversary. The IFIP President is coordinating this with UNESCO.*

*As with previous anniversaries IFIP intends to mark the event with publications. On this occasion, following discussion at the GA in Poznan, it has been agreed that there will be two publications:*

- I. book celebrating the work of the IFIP TCs and their WGs which will be coordinated by the Technical Assembly and Publications Committee. This would be published by Springer in the AICT series (tentatively as AICT 600). This will no doubt be reported in more detail in the TA report to the Board.*
- II. book reflecting on IT's impact on society, past, present and future and the role over 60 years of IFIP and other professional societies in shaping those developments. This is being coordinated by a small editorial team including the IFIP President, Past President and IFIP Historian together with two eminent computer historians, David Grier and Doron Swade. This paper reports the work to date on the second publication.*

*At a meeting In November 2018, those involved in producing the two books including the TA and Publications Committee Chairs, all agreed to keep in close contact throughout the writing process.*

#### *IFIP 60th Jubilee Publication*

*The theme of the Diamond Jubilee publication would be IT's impact on society, past, present and future and the role over 60 years of IFIP in shaping those developments. One stream would be the development and contribution of IT organisations over the past 60 years including IFIP, global and national computer societies. While technology is not excluded, it is planned that the focus should be, not the technology (which it is assumed will be in AICT 600) but, the benefits IT offers and the challenges it poses for practitioners, member organisations and wider society. The Jubilee Book would be forward looking and would be different in nature from AICT 600. The meeting hoped that AICT 600 could be completed in time for the Jubilee book to be able to refer to its contents.*

*There have been two recent meetings of the Jubilee editorial team – one in November 2018 and another in March 2019.*

*The November meeting, which included the TA and Publications Committee Chairs, agreed that the Jubilee book chapters would be by invitation. The book would be planned and the project delivered by a small editorial group comprising*

- a. Mike Hinchey (IFIP President)*
- b. Leon Strous (IFIP Past President)*
- c. Roger Johnson (IFIP Historian and WG9.7 member)*
- d. David Grier (Computer Historian)*
- e. Doron Swade (Computer Historian and formerly Assistant Director, Science Museum, London)*

*The book should be full/golden open access, i.e. for everyone to read for free (Creative Commons). We will seek to publish it as a high quality book by Springer. It might fit in the History of Technology series although we might try to get ours also in AICT. The President/Past President will discuss this with Springer. IFIP would have to pay for getting it open access. This has been done for the IoT 2018 book. The minimum number of pages for Springer to print a book is something like 200. That should be no problem for us.*

*The book is planned to be launched at the special IFIP Jubilee meeting at UNESCO in Paris in late September 2020.*

*Contents*

*Ideas for chapters emerged from our working party meetings. Initial plans are as follows. Some possible authors have been identified but since there has not been time to contact anyone no names are shown but suggestions for possible authors would be welcome.*

- i. Opening formalities – from UNESCO and IFIP President*
- ii. Challenge for society of scale and speed technological change*
- iii. Social media – phenomenon, control, Cambridge Analytica and impact on elections etc*
- iv. Evolution of international bodies in IT – IFIP's founding and 1959 conference. Role and impact of national societies and specialist organisations*
- v. Computers and the Law – Data Protection, liability for software faults, cybercrime*
- vi. Ethics – as they apply to IT practitioners as well as technology and application dependent issues*
- vii. WITFOR agenda – experience of WITFOR and reflections on the impact of IT on development issues. IFIP's work on digital equity and its impact.*
- viii. Professionalism in IT – Practicality of creating a new profession, experience so far.*
- ix. Preserving the legacy of IT innovation – value of study, challenge of restoration (museum ethics, problems of sustainability of spares for electronic devices), problems of maintaining platforms to run historic software, scale - how should museums curate the internet and global commercial networks? How has information been created and recorded throughout the various technological developments, what has/could/should be done to preserve future access to digital artefacts."*

**Mr Hinchey** Mr Hinchey informed the Board that a small design company has been instructed to create a special logo for the 60th anniversary. He presented three options for the logo and asked the Board to find the suitable logo for the years starting with GA 2019 until end of 2021.

The Board EC **DECIDED** that logo number 2 would fit best (with small modifications). **Mr. Hinchey** will continue with the company to follow this direction.

**Mr Hinchey** informed the Board that he will continue to work with UNESCO on the IFIP event for celebration IFIP's 60<sup>th</sup> anniversary and come up with a draft plan before General Assembly 2019.

#### **14 E-Waste Position Paper**

**Mr Hinchey** requested the Board to endorse the e-Waste paper submitted by Mr Kreps (Chair TC9).

See document at:

<http://www.ifip.org/images/stories/ifip/members/Board2019/Reports/it15%20ewaste%20position%20paper%205-3-2019.pdf>

The Board unanimously **ACCEPTED** the e-Waste position paper.

#### **15 Future Meetings**

IFIP received an application from the Chinese Institute of Electronics – CIE to hold the Board meeting in Nanjing, China, combined with an IFIP event. The Board **ACCEPTED** the invitation with many thanks to CIE.

The next meetings are:

2019

EC meeting (preGA)	October 11th	Kiev, Ukraine
GA meeting	October 12th / 13th	Kiev, Ukraine
EC meeting (postGA)	October 13th	Kiev, Ukraine

2020

EC meeting (preBoard)	March 13 <sup>th</sup>	Nanjing, China
Board meeting	March 13 <sup>th</sup> / 14th	Nanjing, China
EC meeting (postBoard)	March 14 <sup>th</sup>	Nanjing, China

EC meeting (preGA)	September	dates will be investigated
GA meeting	September	invitations welcome
EC meeting (postGA)	September	dates will be investigated

The Executive Committee has teleconferences at least twice a year between GA-Board and Board-GA meetings, and special EC teleconferences will be organized if certain issues require immediate action(s).

## 16 Closing of Meeting

**Mr Hinchey** thanked everybody for their contribution to a successful meeting. He declared the Board meeting closed and wished the participants a safe journey home.