# IP3 Report to IFIP Board Meeting, Tokyo, Japan, March 2016*

*\*The following report is compiled from Board reports presented, and reported by Members of IP3 to the IP3 Board and from minutes of Board meetings.*

Over the past several months since the General Assembly in South Korea in October, IP3 has continued to actively promote ICT professionalism on the global stage. This report outlines key initiatives, conferences and other activities in which IP3 members have engaged in pursuit of our objectives.

2015 was perhaps the highlight year for IP3 since its foundation as it achieved significant milestones at the United Nations General Assembly, and at WSIS in Geneva. IP3 continued its marketing and push of the ICT Professionalism message to the world. It is best summed up by the comments of the Chair of IP3, Brenda Aynsley, "I'd have to say in brief that it [2015 at WSIS] has been the best for us, we are approached and engaged by others, and the Professionalism message is beginning to be recognised."

The members of the IP3 Board as elected and confirmed in Daejeon, South Korea are:

**IP3 Board 2015- 2016**

**Office Bearers:**

- IP3 Chair – Brenda Aynsley
- IP3 Deputy Chair – Moira de Roche
- IP3 Vice Chair (GIC) – Stephen Ibaraki
- IP3 Vice Chair (SAC) – Adrian Schofield

**Members:**

- Anthony Wong – IFIP Representative
- Raymond Morel – The Swiss Informatics Society SI
- Akira Shibata – Information Processing Society of Japan Representative
- Kerry Augustine – Canadian Information Processing Society Representative

- Jos Timmermans – NGI/VRI (Netherlands) Representative
- Joe Turner – Chair Seoul Accord (Observer)
- Roger Johnson – IP3 Immediate Past Chairman

At the General Assembly in Daejeon, South Korea, IP3 was formally adopted as a substructure under IFIP.

**WCC2015**

IP3 on behalf of WCC2015 invited and supplied a number of keynote speakers to WCC2015, including:

- the Australian Minister for Innovation and Better Regulation from the state of New South Wales (Sydney), Victor Dominello MP, who delivered key-note on Day Two of WCC2015 on Big Data and Innovation;
- John Morton who presented an excellent keynote on the Jobs Forum which was very well received;
- Eve Andersson of Google, who spoke on Software Engineering skills for the 21$^{st}$ century; and
- Andy Chen of Catronic Enterprise and the newly appointed VP for the IEEE-CS (whose portfolio including Professionalism), who spoke on the secret code to a successful career in ICT.

Also at WCC2015, IP3 released the 2020 Skills Assessment Report written by John Morton and the IP3 Global Industry Council. The report may be downloaded from the IP3 website http://ipthree.org/skills-2020-assessment-report. Other new commentaries in relation to the report included:

- http://www.itworldcanada.com/blog/ifip-ip3-global-industry-council-releases-gic-2020-skills-assessment-report/377453#ixzz3o6tZoZY5
- http://www.itworldcanada.com/blog/john-morton-talks-needed-2020-skills-enterprise-architecture-windows-10/376380#ixzz3o6tKHax4
- http://www.ifipnews.org/ifip-ip3-global-industry-council-releases-gic-2020-skills-assessment-report/
- http://www.ifipnews.org/ifip-world-computer-congress-2015-to-explore-impacts-of-digital-disruption/

The IP3 Global Industry Council chaired by Stephen Ibaraki has 29 directors (list available on http://ipthree.org/ifipip3-global-industry-council/gic-director-list/).


**Driving the UN Agenda**

UN General Assembly President (Mogens Lykketoft) in October last year in New York said the review of the implementation of the outcomes of the 2005 World Summit for the

Information Society (WSIS) is one of the most important processes taking place at the United Nations.

In his opening address, he said: "Thanks to the rapid development of Information and Communications Technology and growth in global interconnectivity this  past decade, ICT plays an increasingly important role in promoting economic and social progress in many parts of the world."

ICT professionalism was a strong theme of the talks, and the issue was highlighted by UN General Assembly President in his closing remarks:

> *"Initiatives to strengthen confidence and security in the use of ICTs were recognized and appreciated. Some suggested that a commitment to professionalism and trustworthy conduct could be infused throughout the draft outcome document…*
>
> *Ladies and gentlemen, these are amongst the many points we heard today. These valuable contributions will be included in a President's summary that I will circulate shortly... I will also bring your discussions to the attention of member states tomorrow."*

IP3, its members and Board members have been a major force driving the professionalism message in a number of global venues including New York and Geneva. The many global and national initiatives present IFIP with an enormous opportunity to influence policies and initiatives by government and the industry.


**UN WSIS Review – New York**

IP3 reaffirmed its commitment to taking strong action in support of the Sustainable Development Goals (SDGs) and called for ICT professionalism to be explicitly recognised during the United Nations General Assembly High Level Meeting to review the implementation of the WSIS Outcomes.

IP3 Vice Chair, Stephen Ibaraki made several presentations in New York at the UN Headquarters in New York towards the later part of 2015, which were reportedly well received.

IP3 has made an application to speak at the UN General Assembly's High-level Thematic Debate on Achieving the SDGs including ICT in New York on 21 April 2016.

**The World Summit for the Information Society (WSIS) – May 2016 - Geneva**

Raymond Morel has confirmed that the IP3 submission for a WSIS presentation has been accepted. The topic is "The Contribution IFIP IP3 makes to the WSIS Sustainable Development Goals" with a focus on what is needed to provide trustworthy ICT infrastructure and services. IFIP is providing sponsorship for WSIS Forum and will be positioned as a partner organisation.

**IFIP TC3 Joint Open Conference, Stakeholders and Information Technology in Education**

IP3 has submitted a proposal with the organiser's agreement for a dedicated symposium on IP3 at the workshop on *Symposium on Education for Digital Equity* held as part of **IFIP TC3 Joint Open Conference,** *Stakeholders and Information Technology in Education*, SaITE 2016, in Guimarães, Portugal, from 6-8 July. The proposal submission is in Appendix 1.

**WITFOR**

The IP3 Board is currently considering whether it will play an active role in WITFOR after the low attendances at the WCC2015 sessions in Daejeon.

**Membership Development**

Moira de Roche and Adrian Schofield met in Cape Town with Jürg Gutknecht of the Swiss Informatics Society. The Swiss Informatics Society is aiming to achieve IP3 accreditation of its professionalism scheme in 2017.

**Professional Collaborations**

TC9 Chair Diane Whitehouse met with the IP3 Board over dinner during the visit to Korea for General Assembly and expressed interest in working more closely with IP3. This followed a TC9 meeting in Leicester, England in September 2015 by IFIP SIG 9.2.2 (framework of ethics of computing) chair, vice-chair and some members – Penny DUQUENOY, Kai KIMPPA, Don GOTTERBARN and Oliver BURMEISTER – who were keen to see how they might develop more pro-active relationships with IP3.

**IP3 Board Meetings**

The IP3 Board has met twice since Korea in October, on 4 December and 22 January, discussing a range of issues and projects. These included:

<u>December Board Meeting</u>

- IP3 is currently considering whether it should attend WITFOR 2016 due to health concerns in relation to the Zika virus.
- Adrian Schofield is awaiting confirmation from CIPS and NGI/VRI in relation to suitable dates for IP3 accreditation visits in 2016.
- IP3 has also endorsed support for the Internet Governance Forum's Joint Statement on the WSIS +10 Outcomes.
- Akira Shibata reported on IS024773. Dr Tetsuro Kakeshita attended the Working Group meeting, and will be the IP3 liaison with approval from the Working Group.
- Stephen Ibaraki identified a funding opportunity geared around Digital Literacy for Aged people.
- Anthony Wong advised that he has been elected President of the ACS for 2016-17 and that 2016 was its 50<sup>th</sup> anniversary year. He invited his IP3 colleagues to visit Australia to share in the celebrations.

<u>January Board Meeting</u>

- Andy Chen, the newly appointed VP for the IEEE-CS has indicated to IP3 through the good efforts of Stephen Ibaraki that there might be some interest from IEEE-CS about returning to IP3.
- Anthony Wong advised that he had met with BCS and discussed the possibility of them returning to IP3. He requested BCS to continue support for Past BCS President Liz Bacon in her activities with IFIP and the President's Forum.
- Adrian Schofield advised that he is working with Liz Bacon on the licensing issue.
- Jos Timmermans confirmed he would attend the E-Skills meeting in February, which was expected to focus on the Competency Framework.

The financials of IP3 are as in Appendix 2.

*Anthony Wong*

*IFIP Councillor and IFIP Representative on IP3*

**Appendix 1**

IP3 Proposal to *Symposium on Education for Digital Equity* held as part of **IFIP TC3 Joint Open Conference,** *Stakeholders and Information Technology in Education*, SaITE 2016


**IP3 Strategy - Strategy Overview**

IFIP IP3, the International Professional Practice Partnership is leading the development of the global ICT profession. Our purpose is to deliver the IFIP Strategic Aim "Advance Professionalism in ICT".

IP3's core strategy is to develop the "partnership". To this end, we engage with governments, corporations and organisations with which we have synergy, in addition to national IT Societies and other IFIP members.  Our mission is to establish a global partnership that will strengthen the ICT profession and contribute to the development of strong international economies, diversity, trustworthiness, security and job empowerment for all by creating an infrastructure that will:

- encourage and support the development of both ICT practitioners and employer organizations,
- give recognition to those who meet and maintain the required standards for knowledge, experience, competence and integrity; and
- define international standards of professionalism in ICT.


**Implementing the Strategy**

IP3 engages with various global organisations, such as the UN, ITU and UNESCO. We have delivered Thematic Workshops at the past five WSIS Forums in Geneva and Paris, and have used this event to develop strategic partnerships with a variety of organisations.

Our membership includes Societies which have already achieved accreditation, as well as those that are on the path to accreditation. ISACA, which is not a traditional IFIP Member Society, is a very welcome member of the partnership, because it has wide global reach and is also committed to skills development and accreditation.

The Standards and Accreditation Council accredits member societies.  It will be required to demonstrate that they meet IP3 requirements in respect of:

- Skills and competence
- Body of knowledge
- Continuing professional development
- Codes of conduct and ethics
- Organizational capability and maturity

The IP3 accreditation process was built on the ISO standards 17024 and 24773, and the SFIA framework is used as the benchmark. Currently our accreditations include IT Professional, aligned to SFIA level 5, and IT Technologist, which is at SFIA level 3.

Accredited societies include: ACS (Australia: Professional and Technologist schemes), and IITPSA (South Africa: Professional scheme). CIPS has been accredited (Professional scheme), and is currently planning reaccreditation. IPSJ (Japan), NGI/VRI (Netherlands) and SI (Switzerland) are all preparing to be accredited in the next 12 to 18 months.

The support of the international employer community and academia is critical to IP3's goal of building ICT professionalism globally. Recognizing this criticality, IP3 has established the Global Industry Council (GIC) as the principal forum within which ICT employers and educators can engage with IP3 and influence the development of the global profession. GIC members collaborated to write the Skills 2020 Assessment report, which examines future ICT Skill needs. This report has been well received by business and academia.

Our Vice-chair, Strategic Relations, has keynoted at three conferences at the World Computer Congress including on Megatrends (Professionalism identified as one), World CIO Forums (with acknowledgement of the necessity of professionalism), and presented at several UN GA events and ITU New York meetings (addressing professionalism) which were convened to examine the WSIS Sustainable Development Goals. The impact of, and requirement for, Professionalism in IT, has been acknowledged both in Q&A sessions following presentations, as well as in concluding remarks by the session chair and GA (General Assembly) President.

**Processes to review strategy implementation**

IP3 is governed by a board, with directors drawn from the member societies. The board meets every six to eight weeks using the WebEx virtual meeting platform. In addition, we hold a face to face meeting annually. At this meeting, we set strategy for the coming year and consider implementation of the strategy at every board meeting.

We will continue to be present at WSIS Forums, delivering Thematic Workshops as well as policy statements at High-Level events. We will participate in UN Sessions, when invited to do so, and are available to take advisory roles as necessary.

**Proposal to SaITE**
Although IP3's work in developing and professionalising IT workers, achieved through our member societies, is aimed at people already in a career, it is essential that there are sufficient well educated entrants into the market. For this reason, we acknowledge that it is essential that we work with the Education sector to ensure that there are ample skilled

entrants into ICT. Students should be encouraged to join member societies, as these bodies will assist them with developing their ICT careers, and certifying them when they achieve certain levels. We need educators to help us spread the message – indeed the Education sector is an essential aspect of the partnership.

We propose that IP3 host a symposium that will fit in with theme 3 "**Stakeholders in information technology in education:** *preparing a new generation of computer professionals"*.

Specifically, we will address the following topics:

- *Why online learning, rapidly anticipating and adapting to computational trends is an essential component of developing computer professionals* – Information Systems and Computer Science graduates will have a Core Body of Knowledge, which is a pre-requisite for an IT Professional. However, as they develop their careers they will need access to online learning once they are in work. Individuals cannot receive accreditation at Technologist or Professional level, if they do not have work experience. Students need to be made aware that graduating is the first step on the career ladder, and that career development means that they must continue their learning journey and embrace lifelong learning. This is only feasible with online platforms that allow for anywhere, any time learning.
- *What can Educators do to produce students who embrace professionalism even before they enter the workplace?* - The **IT Professional** must be committed to a code of ethics, be trustworthy, be highly skilled and knowledgeable, and be dedicated to improving and updating his or her knowledge continually. The pay-off for the Professional is more recognition and better rewards. Educators can ensure that students understand and embrace these requirements.

If the symposium is approved, IP3 would be delighted to add to the programme if there were authors/presenters who could add value.

## Appendix 2: Statement of Financial Position

**Financial position for 12 months ended 31 December 2015**

|  | Actual 2014 Jan-Dec | Actual 2015 Jan-Dec |
|---|---|---|
| Opening balance in IFIP accounts at January 1 | € 111,582.65 | €89,110.66 |
| Receipts |  |  |
| Membership Fees | 1,000.00 | 2,000.00 |
| Assessment Income |  |  |
| **Total Receipts** | **€ 1,000.00** | **€ 2,000.00** |
| **Expenditure** |  |  |
| OCE Travel and Conference Calls | € 20,341.70 | € 14,388.40 |
| Executive Support |  |  |
| Web-related support | 0.00 | 360.74 |
| PR/Marketing | € 3,130.29 | - |
| EU Tender | - | - |
| **Total Expenditures** | **€ 23,471.99** | **€ 14,749.14** |
| **Excess of Receipts over Expenditures** | **-€ 22,471.99** | **-€ 12,749.14** |

**Balance available at 1 January 2016:**               **€ 76,361.52**