IP3

International
Professional
Practice
Partnership

ifip

Partnering for Trust in Digital

IFIP IP3 Annual Report

2017 - 2018

PARTNERSHIP

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Acknowledgements

The IFIP IP3 Board acknowledges the vital support of its members, its committees and industry practitioners for the contributions they make in advancing the mission to develop the global standard in ICT professionalism.

Governance

The International Professional Practice Partnership (IP3) was founded by the International Federation for Information Processing (IFIP) in partnership with several leading professional ICT organizations from around the world. IFIP was founded under the auspices of the United Nations Educational Scientific Organization (UNESCO) in 1960 and now has over 56 country member bodies and affiliates representing over 90 countries. IFIP is a consultative body for IT for the United Nations Educational Scientific Cultural Organization, Sector Member for the International Telecommunications Union (ITU) and Scientific Associate Member of the International Council for Science (ICSU).

IP3 Board 2017-2018

	Moira de Roche Chair *Representative:* IITPSA		**Akira Shibata** *Representative:* Information Processing Society Japan
	Brenda Aynsley Immediate Past Chair		**Margaret Havey** *Representative: CIPS*
	Adrian Schofield Vice-Chairman Standards and Accreditation and Chief Assessor		**Anthony Wong** *Representative:* IFIP & ACS
	Stephen Ibaraki Vice-Chairman: Strategic Relations		**Dongyoon Kim** Chair, Seoul Accord *Observer*

IFIP IP3 Mission

Our mission is to be a global partnership that will strengthen the global IT profession and contribute to the development of strong international economies by:

- defining international standards of professionalism in IT;
- creating an infrastructure that will encourage and support the development of both IT practitioners and employer organizations and give recognition to those who meet and maintain the required standards for knowledge, experience, competence and integrity;
- working closely with our member bodies and partners who share our commitment to creating a sound global IT profession.

IFIP IP3 also participates in the UN supported, ITU hosted World Summit for Information Society (WSIS) including formal recognition by ITU as a "Contributing Partner" (IFIP). Our work aligns to WSIS and the Sustainable Development Goals (SDGs). Representatives from the IFIP IP3 executive have led WSIS forums and high-level events in Geneva and Paris since 2012, they were invited to participate at the United Nations in New York and have made submissions to the UN General Assembly's overall review of the implementation of WSIS outcomes in 2015.

IP3 Vision

A vigorous program to promote professionalism in the IT profession equal to the older and longer established professions; define international standards and create a global infrastructure that will encourage and support the development of both practitioners and employer organizations in the developed and developing world through the creation of a worldwide set of professional certification schemes recognized as the hallmark of true IT professionalism, delivered through independent national member societies and supported by development frameworks for both individuals and organizations.

iDOCED

IP3 launched the IFIP Duty of Care in Everything Digital Campaign in November 2016. This campaign aims to promote Trust in Digital, and the Duty of Care that everyone including Governments; Organisations, Providers and Consumers have in keeping themselves safe in a Digital World, especially in the reality of the Cyber-physical world that has come with the Fourth Industrial Revolution. IP3 promote this message at every opportunity, and actively seek to "partner for Trust in Digital".

IFIP IP3 Councils

Standards and Accreditation Council

The Standards and Accreditation Council provides independent advice to the IFIP IP3 Board on standards and management of the accreditation functions of IFIP IP3.

The membership of the Standards and Accreditation Council is based on expertise and/or interest in standards and accreditation and not as representative of any group or association. IFIP IP3 would expect that all those engaged in the profession are members of a professional association; however, it should be made clear that such members do not necessarily represent the views of those organisations while engaged in Standards and Accreditation Council activities. The Standards and Accreditation Council will generally seek persons from associations with a strong and robust certification program in place.

Members of Council

Adrian Schofield, Chair (IITPSA)
Peter Cole (ACS)
Penny Duquenoy (IFIP representative)
Tan Moorthy (GIC representative)
Brian Cameron (GIC representative)

These volunteers are trained assessors of professionalism schemes for IFIP IP3 members who seek accreditation of their certification/professional credentialing programs. The Panel currently is comprised of:

- Adrian Schofield, Chief Assessor (South Africa)
- Colin Thompson (United Kingdom)
- Peter Cole, Senior Assessor (Australia)
- Bob Hart, Senior Assessor (Australia)
- Dr. Stephen Seidman, Senior Assessor (United States)
- Gina van Dalen, Senior Assessor (Canada)

Global Industry Council

The support of the international employer community is critical to IP3's goal of building ICT professionalism globally. Recognizing this criticality, IP3 established its Global Industry Council (IFIP IP3-GIC) as the principal forum within which ICT employers can engage with IP3 and influence the development of the global profession.

It is the intention that IP3-GIC is a prestigious organization comprised of recognized thought leaders from major organizations (both private and public sector) with acknowledged experience and expertise in information and communication technologies and that a seat at the Council reflects the global third-party validation that is only possible through a 50+ year old body with UN roots.

Global Industry Council Directors are specially nominated and invited to serve within the UN-rooted body as internationally recognized luminary executives, thought leaders, and visionaries and for their strong history of providing substantive contributions to global business, industry, society, education, and governments. The IP3-GIC is a first of its kind focusing on computing as a profession, which will further align computing with organizational strategy and business agility driving sustainability, education, risk management and security, skills development, professional standards, innovation, entrepreneurship, business growth, regional GDP growth, high yield investment opportunities, and regional economic development. Global GDP is over 60 Trillion USD and the global program for computing as spearheaded by IFIP IP3 and IP3-GIC will be a catalyst for a more than a 20% increase in global GDP in the next 10 years to over 80 Trillion USD.

The IP3-GIC purpose, mandate and list of members as at 30 June 2018 are set out in Appendix 2.

Reports

Chairman's Report

It is with great sadness that I finalise this report having heard of the passing of Brenda Aynsley on 12 August 2018. Brenda had been bravely fighting her illness since 2015. She passed the baton to me in September on 2017. Brenda took over as Chair of IP3 at a difficult time but after doing so worked tirelessly throughout her tenure to promote the message of Professionalism and to build the partnership. She was passionate about Trust and the Duty of Care. I think Adrian Schofield expressed it best "She will be sorely missed as a friend and colleague, but her legacy lives on through our commitment to her ideals."

Since taking over in September 2017, I have endeavoured to promote the message of the iDOCED campaign "IFIP Duty of Care in Everything Digital". This has been primarily by delivering presentations are various forums both local and abroad.

CSSL and SEARCC Conferences

I was invited to speak at the annual CSSL conference, and together with IITPSA President Ulandi Exner delivered a presentation on Responsive and Reliable leadership.

As Brenda Aynsley was unable to travel to Colombo, I also presented at the CSSL Conference on Trust & the Duty of Care in her stead.

I must congratulate CSSL on both conferences and the associated social events. They were very professionally run, informative and enjoyable.

Computer Society Zimbabwe Summer School

This event is held by CSZ annually during November. This year it was run at Elephant Hills Hotel in Vic Falls, and attracted +- 200 delegates, as well as several sponsors (including Oracle).

Both Anthony Wong and I were keynote speakers. My presentation "Developing ICT Professionals" explained what a professional is, how to develop and maintain professionalism, with a heavy emphasis on ethics. I had positive feedback from delegates after the presentation. Anthony's presentation "AI: The Good and the Ugly", was very well received.

Internet Governance Forum 17 – 20 December 2017, Geneva

IP3 were allocated a session on Day 0, Sunday 17 December. Even though this is pre-conference, presenting on the first day also provides an opportunity for networking with delegates over the successive days. I was joined by Anthony Wong and Cyber-security specialist Dr Jill Slay.

The session was titled: "Good Governance is a Professional Standard, which builds Trust and Cybersecurity in the entire digital ecosystem". Our objective was to spread the message of how partnering with IFIP IP3 can develop trust in digital, and why we should work together. Anthony and I participated in several other workshops.

IPSJ Accreditation

A highlight of the year in review was the accreditation of Information Processing Society Japan (IPSJ) in February 2018 for its certification system of Certified IT Professional (CITP). The system is operated in two methods: the direct method and the indirect method.

This is the first accreditation of a non-English speaking country. I must congratulate IPSJ on the effort they put into translation of the accreditation documentation, as well as providing translators at the accreditation visit. There is more about this in the SAC report, and the IPSJ Society report in this document.

World Summit for Information Society 19 to 23 March 2018, Geneva

As we have every year since 2012, IP3 organised a thematic workshop at the WSIS Forum. Titled "ICT Professional's Duty of Care in protecting everyone in the Fourth Industrial Revolution – an essential requirement in achieving the SDGs". This workshop, held on 19 March, built on the success of IFIP IP3's well-attended workshop at WSIS 2017, further examining the impact of Artificial Intelligence specifically, and the multidisciplinary concept of Trust. We considered the Duty of Care that individuals have in holding ICT Professionals accountable. The workshop supported WSIS Action Line C5 – Building Confidence and Security in the Use of ICT. Stephen Ibaraki presented on Artificial Intelligence, sharing many of the latest developments with the audience, and Moira explored Trust and the Duty of Care. Find more information, including the webcast and outcomes document here.

IFIP provided financial support for the event, and so we had branded banners and received a certificate at the WSIS reception.

I was appointed as a High-level Track Facilitator (HLTF) and moderated a track on ICT and Applications. The panel comprised senior government officials, a representative from an NGO, and the AL7 Action Line Facilitator from ITU. This position meant I was invited to several high-level events, which enabled me to network with many delegates from around the globe. I look forward to following up with the people I met, to pursue the partnership objective.

I was also invited to be on the panel of a Workshop on Friday 25 March on the Fourth Industrial revolution organised by Yemen, where I presented on AI as one of the technologies prominent in Industry 4.0.

This was the 15th Anniversary of the WSIS Forum, and our attendance since 2012 means we are recognised as committed contributors to the process.

IT Leaders' Summit 16 to 17 May 2018, Cape Town

I participated in a panel "Approaching Cyber-Security as a Leader". I used the opportunity to promote iDOCED, as well as the benefit of belonging to IITPSA, an IP3 accredited Society. The delegates – all senior IT people from the Southern Africa region – were very interested in the concept and I have built some strong relationships as a result.

IFIP IP3 logo – new tagline

When the IP3 logo was created in 2008, the tagline was "Transforming and Informing the IT Profession". In line with the iDOCED campaign (IFIP Duty of Care in Everything Digital), and our vision that Trust is so integral to Professionalism, this has been changed to "Partnering for Trust in Digital".

I must thank my Board, who work tirelessly to spread the message and carry out the Mission of IP3. I appreciate their support, and the trust they have put in me to lead the team.

Moira de Roche
IP3 Chair
August 2018

VC Standards and Accreditation

Adrian Schofield from the Institute of Information Technology Professionals South Africa (IITPSA) has completed his fourth year as convener of the Standards and Accreditation Council (SAC).

The role and function of the SAC is to:
1. Establish and maintain standards, policies and procedures for the accreditation function
2. Manage the accreditation function, including the recruitment, appointment and training of assessors
3. Ensure compliance with the standards, policies and procedures and ensure consistency of decisions by assessment panels, including an audit function if required
4. Provide an assistance service to IP3 members in planning for accreditation provided that such assistance service does not compromise standards or the integrity and independence of the assessment process
5. Establish a working relationship with the Seoul Accord.

We have not been required to carry out any new work on standards, policies and procedures in the past year. We have not needed to recruit any additional assessors, nor have there been any assessment activities requiring audit.

We are delighted to report that IPSJ (Japan) was successful in its application for accreditation, which was reviewed by SAC assessors during an assessment visit in February 2018. IPSJ is congratulated for the very high standard of their professional membership scheme and for being the first non-English speaking society to achieve accreditation.

We are disappointed that the changes in the structure at CIPS continue to delay the re-accreditation of the Canadian scheme, but we have received assurances that they will be able to accommodate the assessment in the foreseeable future.

The Tanzanian ICT Commission has formed a professional body for ICT practitioners and held a conference and workshop in October 2017 to move their plans forward. Moira de Roche and Mike Hinchey attended the conference to promote the IFIP/IP3 ideals and provide advice to participants.

There is no other progress to report from other societies. We accept that the road to accreditation is a long one and that there will be periods of no visible activity while preparations proceed behind the scenes.

The IP3 Guide to Accreditation was launched in Geneva in June 2017, providing IFIP member societies with an overview of the processes as they consider the resources required for accreditation. The 2015 edition of the full IP3 accreditation guidelines provides the detailed template for all societies interested in being accredited. IP3 assessors are available to consult with societies who seek guidance on how to meet the IP3 compliance standards for their professional grades of membership and in the compilation of their applications for accreditation. Copies of these documents have been supplied to our Korean colleagues, who have expressed an interest in accreditation, following the success in Japan.

I thank the members of SAC and the assessors for their support and input.

Adrian Schofield

Adrian Schofield
Vice Chairman IP3 Standards and Accreditation Council
July 2018

VC Strategic Relations & Global Industry Council

The GIC global activities and work by Chair Stephen Ibaraki provide unique and broad opportunities to position IFIP and IP3 with many diverse audiences to grow recognition, brand and membership. Due to the extent of these activities they are listed in point form:

IP3 Chair Moira de Roche is invited to speak at the UN ITU Flagship annual conference, UN ITU Telecom World in Durban South Africa in September. Stephen presented Moira's very strong global leadership history to the UN ITU organizing committee which resulted in the invitation to speak.

Working with Moira de Roche, Stephen presented several times at the UN ITU WSIS event in March including keynoting the UN ITU WSIS Briefing on AI for Good Global Summit and with Moira, chairing, speaking at the IFIP Workshop at WSIS.

In May, Stephen, founder of the UN ITU AI for Good Global Summit, chaired the opening keynote with Sir Roger Penrose at the 2018, UN ITU AI for Good Global Summit. The same day, Stephen chaired and spoke with Sir Roger Penrose at the joint IFIP/ UNDP CSTD session on AI and your Future for 90 minutes.
https://www.ifipnews.org/roger-penrose-speak-ai-future-un-ctsd-geneva-tomorrow/ https://www.ifipnews.org/roger-penrose-shines-ifip-ai-good-global-summit/

In May GIC Directors Andy Chen and Frits Bussemaker chaired or presented at the 2018, UN ITU AI for Good Global Summit: https://www.itu.int/en/ITU-T/AI/2018/Pages/programme.aspx. Andy spoke on Panel 4: Safe and Secure AI. Frits was the chair/moderator for Collaborating and Investing in Beneficial AI.

Stephen has more than 100 engagements in 2017/2018 thus only a few additional ones will be sampled here outside of ones already listed elsewhere:
Speaking/organizing at the UN NYC on AI in October
Keynoting/organizing at the UNIDO Conference on AI in November
Speaking and hosting at the Wuhzen Summit, World Internet Conference in December
Keynoting at the UN University ICEGOV conference in April
Speaking at the UNDESA Public Service Forum in June
Keynoting, speaking, judging at UN IT World Telecom World and Kaleidoscope in September
Keynoting, speaking and invited to AI Pioneers Circle, Forum, Steering Committee New York in July
Advisor, Columnist for Cognitive World + Forbes in July
Microsoft MVP AI Awardee in July – 200 million people in technology, 48 awarded in AI globally
Writing UN ITU related articles/blogs throughout the year – too many to list

John Morton, chair of the GIC 2020 Skills Assessment Report is continuing his work on the report working with Moira de Roche to provide an updated geared for release in 2019. The link to the report: http://ipthree.org/skills-2020-assessment-report/.

David O'Leary, who passed away in May, has produced several top 3 articles for IDG-IT World (hosted in Canada) profiling IFIP. IDG is ranked no.1 by ComScore as the top tech media. http://www.itworldcanada.com/author/daveoleary
Here is an article that appeared about David O'Leary and his contributions in July:
https://www.itworldcanada.com/blog/david-oleary-canadian-and-global-education-business-computing-leader/406773

There are several articles profiling outcomes of the work of Stephen Ibaraki with IFIP News and IFIP Insights Magazine:
http://insights.ifipnews.org/#/ http://www.ifipnews.org/

The ACM is the No.1 computer science research, innovation, educational organization in the world and an international member of IFIP. Mike Hinchey, IFIP President (2016-…) was nominated to the ACM Practitioner Board for 2016 to 2018. GIC Director, David O'Leary was nominated to the ACM Practitioner Board for 2016 to 2018. GIC Director, Tan Moorthy was nominated to the ACM Practitioner Board for 2016 to 2018. Stephen became co-chair of the ACM Practitioner Board from 2016-2018 providing the capacity for the nominations. https://learning.acm.org/about/professions_board.cfm

Stephen is appointed founder and chairman Technology Advisory Council (TAC) FSR (Financial Services Roundtable, Washington DC, trade organization, with under 100 top CEOs in US financial services, $92.7 Trillion USD managed assets, $1.2 Trillion annual revenue, 2.3 million employees). http://www.itworldcanada.com/blog/top-ceos-and-futurists-on-the-future-of-financial-services-and-technology/389899
Here is the video from the summit where Stephen is introduced by the FSR BITS President as Chair of the summit and founder of the UN ITU AI for Good Global Summit:
https://www.youtube.com/watch?v=FODUBJBDsGA&feature=youtu.be
Stephen contributing article on AI as founding chair of the FSR TAC:

FSR is the most powerful financial services organization in the world. In his role as chairman, Stephen is a founder of the Fintech Ideas Festival. The invitation-only FINTECH IDEAS FESTIVAL (FIF) summit foe 2017, held in San Francisco was the largest and most successful financial services summit with 200 top CEOs and thought leaders from technology, financial services, and Fintech. CNBC was the exclusive media partner broadcasting live to their audience of 340 million. The event trended No1. on social media. Mike Hinchey, Frits Bussemaker and Andy Chen were moderators at the FIF. Earlier, Stephen nominated Mike Hinchey to the TAC as president of IFIP. We also have GIC members Frits Bussemaker and Andy Chen on the TAC. There is an extensive vetting process before approval by FSR since all must meet stringent criteria. In addition, Stephen is involved in the FSR Digital Frontiers program arranging top experts and was an expert for the session on AI. Planning is underway for FSR FIF for March 2019 where Stephen is playing a key role.

Stephen is invited as the founder and chairman of the advisory board of Digital Africa and keynote at their conferences in 2016 and 2017. He concurrently opened AGGS and keynoted Digital Africa on AI. He is invited to their executive committee and invited for future conferences. Digital Africa is leveraging technology to empower the African continent. With an extensive vet process, Stephen nominated GIC director Andy Chen and Frits Bussemaker to the advisory board. Andy Chen keynoted at the Digital Africa conference and is invited to the executive committee and invited for future conferences. Andy is also bringing universities to Digital Africa, and supporting their Smart Cities and power grid program. The overall chairman of Digital Africa is Evans Woherem and deputy chairman is Nneoma Ofodile.

Stephen is appointed as IBM Watson Artificial Intelligence XPRIZE Ambassador. In his role, he nominated IFIP to be a partner and Mike Hinchey is leading the work between IFIP and the XPRIZE AI program. The XPRIZE program is solving the world's grand challenges with AI with three winning top teams taking the stage at TED2020 where one ultimate winner will be chosen.

Stephen conducts interviews annually that appear with IFIP in support of IFIP or IP3. An upcoming example is one with Moira in July. For a complete list go to: http://www.stephenibaraki.com/cips/cips_interviewslist.html

Stephen spoke and actively participated at UN/ITU WSIS. As a result of IP3 efforts led by Chair Ansley and now Chair Moira de Roche, there was significant multi-level recognition of the value of IFIP including plenary speaking and ongoing engagements with the senior leadership of ITU: secretary general, division directors, deputies, and heads of departments. There is a concerted effort by the ITU to ensure IFIP stays engaged at the highest levels and IFIP value is clearly recognized. In 2017 and 2018, the IFIP IP3 session was the most successful ever, organized by Moira.

Stephen Ibaraki
GIC Founding Chair;
Vice Chairman IP3 Board (representing GIC and Strategic Relations)
July 2018

Member Association Reports

Australian Computer Society

Overview of Society

The Australian Computer Society (ACS) is the largest the professional association and peak body representing Australia's ICT sector, ACS delivers authoritative independent knowledge and technology insights, building relevant technology capacity and capability that catalyses Australian innovation and speeds the adoption of technology for the benefit of commerce, government and society.

Membership statistics and profile

The Australian Computer Society (ACS) has a membership of some 42,643 members belonging to the professional division. The ACS has the following membership grades:

- Associate – AACS
- Member – MACS
- Senior Member – MACS (Snr)
- Fellow – FACS

A Fellow of the Australian Computer Society is a person who has made a distinguished contribution to the field of information and communications technology (ICT) in Australia.

Areas of operations

ACS has branches in each state and territory, as well as overseas members.

Region

Australia Asia Pacific/ Oceania

Key activities

- **Events –** The ACS has focussed on premium events during 2017-2018, while hosting over 600 events annually for our members, including our flagship Reimagination Thought Leaders' Summit which attracted over more than 1,000 Australian and international thought leaders from technology, business, academia and the political sphere to advance the conversation on Customer experience (CX), Emerging Tech and New Business Models.

- **Awards –** The ACS hosted the ACS Digital Disruptors Awards – Australia's premium awards for brilliance in disruption and innovation across the government, education, research, NFP and business sectors.

- **Projects –** The ACS executed two national awareness campaigns including three TV commercials (Empowering Australian Innovation TVC, Embracing Technology: Empowering Innovation, Inspiring our next Tech Superheros), Radio and Outdoor advertising. The ACS released five special reports and roundtables with the Australian Financial Review (AFR); Cyber Resilience Special Report, Artificial Intelligence Special Report, Reimagination'17 and ACS Digital Disruptors Awards, Smart Cities, Jobs of the Future.

- **Social Responsibility –** The ACS has continued to drive inclusion and diversity in the ICT sector by establishing a Diversity and Inclusion Committee. The ACS has also partnered with Caroline Buchanan, Olympian and Social Media Influencer, to be an ACS Millennials Ambassador.

- **Thought leadership**

  o The ACS is expertly assisted by three high-level Advisory Boards; Profession, Technical and Membership who provide foresighting advice and resource development validation to ensure ACS continues to evolve as a modern and contemporary Professional Body.

  o In the last Financial Year, the ACS has launched the fourth in the Australia's Digital Pulse series- an insight into Australia's competitive position in the world as well as the state of the ICT workforce in Australia.

  o Nine Interviews "ACS Industry Insights" delivered, featuring some of the ICT industry's most respected leaders, the series was set to explore innovation, challenges and opportunities in tech and what might be in store in ICT's constantly evolving world

IP3 Accreditation

ACS continues to be accredited under the IP3 partnership and was the first computer society to receive such accreditation. The accreditation applies to both the Certified Professional (CP) at SFIA Level 5 and Certified Technologist (CT) at SFIA Level 3.

In addition to this our accreditation is recognised under a Professional Standards Scheme, prescribed under Australian Consumer Law. This recognition is administered by the Commonwealth Professional Standards Councils.

Computer Society of Zimbabwe

A Brief Overview of Society

The Computer Society of Zimbabwe was established in 1974 with the principal objective to be of benefit to the ICT industry and all people who work in ICT. In its pursuit of promoting knowledge CSZ established the Software Development Community Special Interest Group (SIG) whose mandate is to promote software development skills in the digital era, and now includes widespread accessibility to ICT in particular via smartphones.

Some of the principal aims of the Society are the following:

1. To promote knowledge to members of the Society and the general public with regard to the development and use of Information Technology.

2. To ensure that, in the development of Information Technology systems, due and proper regard is paid to the rights and privileges of the general public.

3. To encourage research and development in, and to actively seek to improve techniques and knowledge of, Information Technology and to disseminate this information among members of the Society and the public through the medium of journals, circulars, publications, lectures, seminars, conferences, or by any other method which the Society may from to time deem fit.

4. To establish professional standards for persons employed in the field of Information Technology and to ensure that these standards are maintained.

5. To encourage the integration of Information Technology plans and programmes in the national programmes for development of science and technology.

6. To establish and maintain active linkages with local and international associations and bodies sharing similar objectives to those of the CSZ.

Membership:

Due to the country's economic turmoil, more than 1,000 computer professionals have left the country in pursuit of greener pastures in several countries in and outside Africa, and have sought membership of computer societies of those countries such as IITPSA, etc. A few have maintained their CSZ membership.

CSZ currently has 253 paid up members who are categorised as follows:

- Professional members
- Honorary members
- Associate members
- Fellow
- Affiliate members
- Graduate members
- Student members

Key activities

Events

- The Computer Society through its chapters holds monthly functions in the two cities where Chapters have been stablished – Harare and Bulawayo.
- The Computer Society has two flagship events during the year. These are the **Business School** and the **Summer School**.:
  - The **Business School** is held during the months of June or July. This event is structured as a workshop and is "hands on". It brings together a small group of senior Society members in business, as well as non-members to go through training on chosen areas. At the end of the event the delegates earn themselves CPD points that go towards maintaining their professional membership status.
  - The **Summer School** is held during the last quarter of the year usually in November. This is the flag ship and major ICT event for the Computer Society in Zimbabwe. It brings together all

members, including the Society's executives, decision makers as well as non-members. It brings in exhibitors, both local and foreign, researchers, research institutions and government. The deliberations are framed around topical global and local ICT developmental issues. Policy influencing resolutions are sought and these are shared with the government Ministry in charge of ICTs.

- A Special Interest Group (SIG) - holds regular **technology focussed functions** in various university towns

Projects

- CSZ is involved in ICDL centred program development for growth in the various markets.
- CSZ advises the Ministry of ICTs on policy and related issued
- CSZ advises the Cyber Security organ within the President's Office
- Social Responsibility
    - The Society contributes by way of annual awards to educational institutions like the Bulawayo and Harare Polytechnic Colleges as well as the various schools.
    - The Society also supports orphanages or the disadvantaged.
- Regional and Global alliances

    The society has global alliances with the following organisations: IFIP, ECDL Foundation. The regional alliances are with the following organisations: ICDL Africa, IITPSA

IP3 Accreditation

The Computer Society of Zimbabwe has not yet applied for IP3 accreditation but is moving towards that. In that regard the CSZ has introduced the professional member grades and we already have members in those different grades.

Computer Society Sri Lanka (CSSL)

Overview

The Computer Society of Sri Lanka (CSSL) which was established in 1976 is the apex body representing Information and Communications Technology (ICT) professionals in Sri Lanka. It promotes professionalism among those engaged in the field of ICT and maintains the highest professional standards among the Information and Communication Technology fraternity.

The CSSL is a member of the South East Asia Regional Computer Confederation (SEARCC) and International Federation for Information Processing (IFIP). Locally, it is a member of Organization for Professional Associations (OPA).

Our membership growth is happening at a similar rate over the last few years. Student Membership has seen exponential growth from last year due to new strategies taken by CSSL from 2017.

Events

The National IT Conference (NITC) which has run for 35 years annually in Sri Lanka is organized by Computer Society of Sri Lanka. National Schools Software Competition (NSSC), which is a nation-wide software competition for school children is also conducted by CSSL.

In 2017, the CSSL was able to organize Sri Lanka's Biggest-Ever International ICT event in the history, which saw 50 countries coming to Sri Lanka to participate in a broad event platform that included the General Assembly of IFIP, SEARCC Conference, NITC and International Schools Software Competition.

CSSL Tech Talks are organized every month for discussion and knowledge sharing on latest technologies among ICT professionals. The CIO Forum is organized for the same purpose, however targets senior professionals such as Chief Information Officers and Head of ITs. CSSL ICT Awards recognizes best performers in the sector. IT Mastermind is a TV Quiz program run by CSSL to popularize ICT among school children and masses.

The National IT Conference (NITC 2018 - NITC.LK) is just around the corner, HE President Maithripala Sirisena will be our Chief Guest and the conference this year is at Shangri La Hotel, with a great line up of local and international speakers.

Key Activities

The CSSL has recently started a social service arm called Little Drops of Water and a tech start-up support initiative which includes providing its resources to tech start-ups.

The CSSL has taken a keen interest on lobbying and policy matters in the recent past. For instance, we were a key stakeholder when it came to recent discussions around Free Trade Agreements between Sri Lanka and other countries. We have also taken a keen interest around latest developments and discussions around social media and the need to maintain those platforms hate free and tackle other negative imperatives, whilst ensuring free access and freedom of speech. In this regard, the CSSL fully supports the work of Social Media Working Group of Sri Lanka.

Professionalism & Accreditation

The CSSL also has taken strong steps forward to strengthen its accreditation processes. It accredits local computing related degrees and in 2018 the CSSL was recognized by the Seoul Accord that our accreditation processes are globally acceptable.

In its rich history of over four decades, CSSL has maintained a professionalism framework, and in 2018 it passed a key milestone by establishing CSSL Code of Ethics and Code of Conduct. This is a localized national professional framework for Sri Lankan ICT professionals.

The Code of Ethics and Code of Conduct is the backbone of a professional association. Once members are inducted into the association recognizing them as professionals, their professional work is guided by having a professional framework in place which is termed as Code of Ethics and Code of Conduct. This gives a further assurance to the industry as well as for those who receive services of IT professionals that their behaviour is professional and ethical. Therefore, this is one of the major milestones to have strongly established for CSSL in its rich history of 42 years.

Other initiatives

The CSSL website (CSSL.LK) was revamped, after about six years. The old site had reasonable content on it but was old styled and wasn't mobile friendly. The new site is fresh, contemporary and is mobile friendly. I am glad that there have been both good feedback as well as constructive feedback about it. As with any new initiative, this is a project with a long process and has a lot of work involved, and you will see further improvements over time.

We continue to be relevant to the industry. For example, when the social media was banned in Sri Lanka, the CSSL came forward and organised a forum with all relevant stakeholders to discuss the future in relation to proper use of social media. Today, it has grown to be a broad multi-stakeholder ongoing working group. The CSSL still facilitates it, with CSSL as the group Chair, however the working group functions as an independent group.

Information Processing Society of Japan

Information Processing Society of Japan

Overview of Society

Information Processing Society of Japan (IPSJ) was founded in 1960 and has 18,348 individual members and 240 corporate members as of March 2018. IPSJ has an objective to contribute to the development of science, culture and industry through the promotion of academic and technical activities in information processing with a focus on computers and communication.

IPSJ has a broad range of activities including 40 SIGs in the domains of Computer Science, Information Environment and Media Informatics, annual national conventions, hosting of international conferences, contribution to international standards, and contribution to IT education. IPSJ publishes IPSJ Magazines, Journals of Information Processing (JIP), Transactions in 10 areas, Journals of Digital Practices and DP Reports.

IPSJ aims to enhance its value by providing services to public society such as proposals to Japanese government, as well as extending collaboration with professionals in industry through the event of Software Japan, the communities called IT forums, and the certification of high level IT Professionals called Certified IT Professional, CITP.

IPSJ has a global relationship with IEEE-CS, ACM, KIISE, CCF, etc.

IP3 Accreditation

IPSJ was accredited by IP3 in February 2018 on its certification system of Certified IT Professional (CITP). The system is operated in two methods: the direct method and the indirect method.

In the direct method, IPSJ certifies individuals by examining application documents that describes applicant's knowledge level and the demonstration of skill and competency in business experiences. This operation is performed twice a year. The evaluation is based on the Skill Standards for IT Professionals (ITSS) developed by the Ministry of Economy, Trade and Industry. IPSJ started the first public operation of this method in June 2014 after two piloting operations in 2013. As CITP has the effective certification period of three years, the renewal process of CITP was put into practice from 2016.

In the indirect method, IPSJ accredits internal certification systems of companies if they are comparable to the direct method explained above. This operation is performed once a year. Once accredited, IPSJ issues the certificates of CITP to the professionals certified within the companies based on the requests from the companies. This is a kind of the Trusted Source Arrangement. IPSJ started the first public operation of this method in the fall of 2015 after a piloting operation from September 2014 to April 2015. The effective period of the accreditation is 5 years.

As of March 2018, 7405 CITPs have been certified including the ones certified through the indirect method. By the indirect method, eight internal certification systems of companies have been accredited. CITPs had established a professional community called "CITP Community" and held meetings every two months. They have organised special interest groups (SIGs) in five areas: civic tech, transmission of knowledge, support of programming education, communication among around-thirty-year-old engineers, and advisory to CITP scheme. The community held its session in the Software Japan 2018 event as usual.

The international standard of professional certification, ISO/IEC 24773:2008, Certification of software engineering professionals - Comparison framework, is being revised in the ISO/IEC JTC1/SC7/WG20. The new 24773 will be a conformance standard for certification schemes for software and systems engineering. As the standard will have fundamental impact on the scheme of CITP certification, IPSJ joins this revision project by appointing a co-editor. The standard has four parts. Part 1 is "General Requirements." It was approved in DIS voting, and it is expected to be published by the end of 2018.   Part 2 is "Guidance Regarding Description of Knowledge, Skills, and Competences in Certification and Qualification Schemes." As its PWD had been delivered, the development of its TR was started. Part 3 is "Systems Engineering." It was approved as NP, and the development of its CD was started. Part 4 is "Software Engineering." The development of its PWD was started.

Information Technology Institute (ITI) Egypt

Information Technology Institute is a pioneering national institute with a regional influence and international linkage. Since it was established in 1993, ITI has been devoted to providing a large pool of promising youth with world-class human capacity building programs and empirical learning approach to profoundly scale up the impact of the aspiring Egyptian youth in the ICT workplace. While moving to a future where everyone is acquainted with technology and is capable to contribute in shaping the future of the ICT industry.

IT Professionals New Zealand

Overview of Society

IT Professionals NZ (ITP) is a community of thousands of professionals who work in the IT industry and care about professional practice, support professional development, set standards, and work hard to help other members get ahead. With a history spanning more than 56 years, ITP is the largest and most trusted tech body in New Zealand.

ITP works hard to improve both the education and professional development of those broadly working with computers and technology and the computer-related education of the country as a whole. ITP represents around 10,000 tech professionals (via individual membership, corporate partnerships and other engagement).

ITP works with government, the education sector and academia, the industry, the IT community and the public at large to increase the education, professionalism and expertise of those working in the tech sector and advance education across the board in the interests of New Zealand.

ITP representatives also actively represent the profession and the sector on many different education, policy and standards-setting boards across NZ; such as primary and secondary school curriculum re-development, immigration policy for IT Professionals and more.

ITP also offers tertiary degree accreditation aligned to the Seoul Accord (of which ITP is a provisional signatory), member certification in the form of Chartered IT Professional NZ (CITPNZ) and Certified Technologist (CTech), promotion of IT as a career choice in schools, a mentoring programme, over 200 events and short courses each year and much more.

IP3 Accreditation

ITP strongly supports IP3 activities and the vision of the global profession that IP3 was established to progress. However, at this stage, ITP does not have immediate plans to undertake IP3 accreditation given the current structure of certifications offered.

ITP operates a variant of Chartered IT Professional (CITP) certification for senior professionals, licensed from the BCS in the UK, being CITPNZ. If BCS were to undertake IP3 accreditation it would likely also cover CITPNZ as it is based on the CITP standard.

ITP also operates Certified Technologist (CTech) certification at SFIA Level 3 but is unlikely to seek IP3 Accreditation of CTech in isolation.

IITPSA (Institute of Information Technology Professionals South Africa)

Overview of Society

IITPSA is a South African Qualifications Authority (SAQA) recognised professional body, and our professional designation (PMIITPSA) is registered on the National Qualifications Framework. During September 2017, our SAQA recognition was renewed for our second five-year term.

Established in 1957, and registered on 01 April 1958, IITPSA aims to represent the interests of all ICT professionals in South Africa, fostering professional relationships with other like-minded organisations and setting standards of practice, conduct and ethics for the ICT profession. Memoranda of Understanding have been signed with ISACA (SA Chapter), ISC[2] (Gauteng Chapter), the South African Institute of Electrical Engineers, the South African Board for People Practice, etc. The Institute is also a recognised voluntary body of the South African Council for Natural and Scientific Professions and is a member of the National Science and Technology Forum.

Our total membership count has, at the end of June 2018, passed the 9 800 mark, which is approximately 1 500 more members then at the same time last year. Our members are found throughout the Republic of South Africa, as well as some neighbouring territories (albeit in quite small numbers) – e.g. Namibia, Botswana, Zimbabwe and Swaziland. Our main Chapters (or branches) are found in Johannesburg (Gauteng) and Cape Town (Western Cape), with smaller concentrations in Durban (KwaZulu-Natal) and Port Elizabeth (Eastern Cape).

We have several Communities of Practice representing the special interests of different groups of members, such as Software Testing, Innovation, Enterprise Architecture, Data Storage and Recovery and Digital Forensics, amongst others. We are also in the process of setting up a new Cybersecurity Special Interest Group. These Special Interest Groups host events (some monthly) of relevance to their communities of practice. During 2017, we acquired a Women in IT Forum, which we are running as a Chapter of the Institute. The main aim of this forum is to help create awareness of the potential role for Women in the world of IT and to hopefully help address the gender imbalance in our profession. Since January 2017, we have started awarding one full bursary for first degree (tertiary) study in an ICT field. During both 2017 and 2018, the bursaries have been awarded to young women.

The Institute has Board-level representation on the Media, Information and Communications Technology Sector Education Training Authority (MICT SETA) and the Institute's current CEO is the Interim Chairperson of the Internet Governance and Security Chamber of the National ICT Forum run under the auspices of the Department of Telecommunications and Postal Services. IITPSA members also represent the Institute on various Universities' IT Advisory Boards as well as Working Groups of the South African Bureau of Standards and the International Federation for Information Processing. One of IITPSA's Past-Presidents is a Councillor on the Broad-Based Black Economic Empowerment (BBBEE) Council for the ICT Sector, helping to develop transformation in this sector.

Improving our activities in Thought Leadership is a 2018 strategic objective of IITPSA, and we are currently running the 2018 ICT Skills Survey in collaboration with the Joburg Centre for Software Engineering (JCSE) at the University of the Witwatersrand. We will also be running an entire track on Digital Skills at the 2018 Leaderex Conference in September 2018, including one for Women in Tech being held in the evening. Leaderex is an annual conference held in South Africa for business leaders, professionals and entrepreneurs and typically attracts over one thousand delegates each year.

IP3 Accreditation

o   IITPSA received full IP3 Accreditation (for five years) for our Professional Membership Programme during July 2015. This was approved by the IP3 Board on 31 July 2015.

o   Our current group of members carrying the PMIITPSA designation remains quite small, but we have approved several new professional members in the past year and we continue to work on activities and initiatives to grow the base of holders of this professional designation (one of which is the holding of professionalism / ethics / CPD workshops in major centres around the country). Our Board Chairperson (President) has also challenged all IITPSA members working on the various committees to become Professional Members as soon as they qualify to do so.

ISACA

As an independent, non-profit, global association, nearing its 50th year, ISACA®(isaca.org) is a global association helping individuals and enterprises achieve the positive potential of technology. Today's world is powered by technology, and ISACA equips professionals with the knowledge, credentials, education and community to advance their careers and transform their organizations. ISACA leverages the expertise of its half-million engaged professionals in information and cyber security, governance, assurance, risk and innovation, as well as its enterprise performance subsidiary, CMMI® Institute, to help advance innovation through technology. ISACA has a presence in 188 countries, including more than 215 chapters around the globe and offices in both the United States and China.

ISACA Facts and Figures
- Established:1969
- Engaged Professionals: More than 520,000
- Members: More than 130,000 in 188 countries
- Members and Certification-Holders: More than 159,000
- Chapters: More than 215
- Student Groups: More than 80

Korean Institute of Information Scientists and Engineers (KIISE)

Overview of Society

Korean Institute of Information Scientists and Engineers (KIISE) was founded in 1973 to propagate technologies of computer and information sciences in Korea and to promote amity among the members of KIISE (https://www.kiise.or.kr/academyEng/main/main.faEng).

KIISE became a regular member of IFIP in 1977. Since then, it has been representing Korean scientists and engineers in computer and information sciences. It also established cooperative associations with many international organizations such as ACM, IEEE, IEEE Computer Society, IPSJ, CCF, IEICE-ISS and so on to promote international academic interchanges and collaborations.

As of March 2018, KIISE has more than 39,000 individual members, 149 special members, and 277 institutional members. KIISE publishes its research journals and periodicals about 50 times in a year including "Journal of KIISE" that was registered and appraised as the best journal in Korea by Korea Research Foundation (KRF) (currently, National Research Foundation of Korea (NRF)). It also publishes an international journal, "Journal of Computing Science and Engineering" (JCSE) (http://jcse.kiise.org/main/default.asp), which is a peer-reviewed quarterly journal that publishes high-quality papers on all aspects of computing science and engineering.

Several technical societies and committees are active in KIISE in the areas of databases, software engineering, information telecommunication, computer graphics, human computer interaction, artificial intelligence, computer systems, theories, programming languages, security, IoT, open source and so on.

Activities

KIISE holds regular and irregular academic conferences for over 60 times a year. Korea Computer Congress (KCC) and Korea Software Congress (KSC) are two major annual conferences of KIISE. It also holds international conferences such as International Conference on Big Data and Smart Computing (BigComp) and International Symposium on Perception, Action, and Cognitive Systems (PACS).

KIISE supports Korean students for their participating in many international competitions and contests in programming and research. It helps students who participate in International Olympiad in Informatics and the ACM International Collegiate Programming Contest (ICPC). Several domestic programming contests and paper contests are also hosted and operated by KIISE.

IP3 Accreditation

KIISE has not yet applied for the IP3 accreditation but is moving towards that. KIISE has established a task force team which prepares for the accreditation in Korea. It is expected that the team will propose a detailed plan for the accreditation and report the result to KIISE.

KNVI (Koninklijke Nederlandse Vereniging van Informatieprofessionals

Swiss Informatics Society

Overview

Official association for IT professionals in Switzerland, including academic research and educational institutions. Approximately 1500 members and 20+ special interest groups. Strategic development towards a social enterprise in the areas of raising the level of IT literacy across the Swiss society and IT professionalism respectively. Holder of the ECDL license in Switzerland and shareholder of the 3L Informatik AG enterprise. Organizer of the Digital Summit, an annual event in collaboration with ETH with the goal of informing the public about the newest trends and topics in IT from an academic point of view.

New project on optimizing IT professionalism in Switzerland

The Swiss Informatics Society and swissict, a prominently rooted corporation in the Swiss IT landscape, currently work on a joint project aiming at improving the quality of IT development in Switzerland. Two major goals are envisioned in this project:

1. Certifying highly qualified IT professionals largely independent of their origin of education and previous career
2. Systematizing life-long-learning.

The basic pillars of the concept envisioned are:

1. Multiple choice test analogous to the one Physicians have to pass and including an intelligence component
2. Individual analysis and quantitative valuation of candidate´s curriculum in terms of credits, measuring all elements of education in the IT area from the very beginning
3. Rule for timed expiration of credits in combination with a request for successfully completing continued education as soon as the credits fall below a defined level.

For coherence, swissict and the Swiss Informatics association have jointly founded a corporation called 3LInformatik AG. Our plans are to start the certification procedure with a panel of test candidates in early 2019 and awarding the first certificates in the second quarter of the same year. A national as well as an international accreditation will be sought in the future.

Appendix 1: Statement of Financial Position

Financial position for 12 months ended 30 June 2018

	1 July 2017 – 30 June 2018	1 July 2016 – 30 June 2017
	Actual (€)	Actual (€)
Opening balance held in IFIP accounts as at 1 July	**61,540.99**	**67,219.89**
Receipts		
Membership Fees	2,000.00	1,000.00
Total receipts	**2,000.00**	**1,000.00**
Expenditure		
Travel and associated expenses	16,561.14	5,648.10
Web-related support	140.63	-
PR/Marketing		-
Meetings	652.06	1,247.56
Other		-216.76
Total expenditures	**17,353.83**	**6,678.90**
Excess of expenditures over receipts	**15,353.83**	**5,678.90**
Total equity carried forward to next period:	**46,187.16**	**61,540.99**

Notes and additional detail to Statement of Financial Position

Note 1: Reporting year

The reporting year was changed from calendar year to IP3 l (July-June) year effective 1 January 2012 however the accounting year for IFIP audit purposes remains calendar.

Note 2: IP3 Members' contributions*

IFIP IP3 acknowledges the following in-kind contributions from member organisations. These contributions should be considered when the statement of financial position is reviewed, and when contemplating the value that the IP3 Project brings to its parent organisation, IFIP.

Strategic activity	Hours
Board members in policy and governance, annual meeting, 5 board meeting teleconferences	*150*
IP3 Board members in program activity e.g. presentations at International events	*1000*
Marketing: collateral, website and communications	*100*
Members advocacy of IP3 to prospective partners	*50*

Strategic Relations and industry engagement not including interview podcasts	*150*
Standards and Accreditation development **	*50*
Recruitment and stakeholder engagement	*1,000*
Conservative estimate of member contribution in hours	***2,500***

* Monetary value of members' contributions calculated at a nominal €80 per hour is an estimated €200,000 (conservative estimate).

** Problems with allocating time to this task again were evident in this period.

Note 3: Donations and sponsorships

- ACS Support – Travel for Anthony Wong and Jill Slay to IGF Geneva, and Anthony Wong to CSZ Summer School. +- €10000.
- IITPSA support – Travel for Moira de Roche to CSZ Summer School. +- €1200

Appendix 2: More about IP3 Global Industry Council

IP3-GIC Purpose

Create a vehicle to:

- Provide a global forum under the auspices of a UNESCO-sanctioned body for the frank and open discussion of matters of common interest;
- Demonstrate a public commitment to professional ICT standards;
- Play a real and active part in developing the global ICT Profession;
- Provide detailed comment of the certification requirement and on the shape and content of development and support services for professionals;
- Provide valuable support to the growth of ICT capability within developing nations.
- Create a mechanism for the IP3 Board to:
  - o Obtain valuable, independent input from industry;
  - o Engage with outside organizations and keep them interested and actively involved in IP3; and
  - o Generate a modest level of subscription income from industry to support the activities of IP3.

IP3-GIC Mandate

- Provide a neutral venue for sharing issues and solutions of interest to major global organizations, with facilitation by IP3, if desired;
- Assist IP3 in enabling projects to further the goals of IP3 in developing nations;
- Articulate the needs of industry to IP3, specifically those which can be addressed though ICT professionalism, certification, and activities related to the IP3 mandate;
- Review current or proposed IP3 standards, programs or policies in order to advise on their effectiveness in industry;
- Propose specific initiatives aside from accreditation and ICT professional standards which IP3 may wish to undertake in order to collaborate more effectively with industry and specific outside groups;
- Offer expert advice and insight in an effort to help IP3 remain responsive to the needs of industry with respect to ICT professionals, professional skills and competence;
- Recommend individuals who can make a valuable contribution to the work of the IP3 Professional Standards Council and Committee;
- Discuss ways in which IP3-GIC and individual Council members may help to advance the IP3 cause.

Click here for GIC Director list with CV's.

Since September 2014, the GIC has met via teleconference every two to three months.

The IFIP IP3 GIC has provided valued content and topic feedback, speaker recommendations, and speakers to IFIP projects, conferences and related programs. An outgrowth of this work is increased governments and industry support for IFIP and IFIP IP3.

In 2015, the GIC finalized work on the 2020 Skills report chaired by GIC member John Morton with formal release at the WCC 2015.

There is an ICT Leadership Outreach program supporting IP3 with initial asks (of one or more of the following):

- allow names to stand for nomination to GIC,
- provide input to Professional Standards and IP3 programs such as marketing,
- provide recommendations and input to IFIP conferences,
- support IP3 government engagement,
- advocate for IFIP and IP3 within their ecosystem.

The IP3 top three priorities for the GIC:

- government engagement recommendations, introductions and support,
- advice on IP3 Marketing,
- input on Standards.

Appendix 3: Acronyms and abbreviations

Acronym	Full description
ABEEK	Accreditation Board for Engineering Accreditation of Korea
ACS	Australian Computer Society
AEF	Astana Economic Forum
BCS	British Computer Society
CEPIS	Council of European Professional Informatics Societies
CIO	Chief Information Officer
CIPS	Canadian Information Processing Society
Commbank	Commonwealth Bank of Australia
CP	Certified Professional
CSI	Computer Society of India
IITPSA	Institute of Information Technology Professionals South Africa
CT	Certified Technologist
EA	Enterprise Architecture
FEAPO	Federation of Enterprise Architecture Professional Organisations
GIC	Global Industry Council
ICCP	Institute for the Certification of Computing Professionals
IEEE-CS	Institute of Electrical and Electronic Engineers – Computer Society
IFIP	International Federation for Information Processing
IIBA	International Institute of Business Analysis
ITP NZ	Institute of IT Professionals New Zealand
IPSJ	Information Processing Society of Japan
ISACA	Information Systems Audit and Control Association
ITU	International Telecommunication Union
KAIST	Korea Advanced Institute of Science and Technology
KIISE	Korean Institute of Information Scientists and Engineers
NASSCOM	National Association of Software & Services Companies (India)
PD	Professional Development
PPP	Professional Partner Program
SAC	Standards and Accreditation Council
SEARCC	South East Asia Regional Computer Confederation
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organisation
WCC	World Computer Congress
WCF	World CIO Forum
WSIS	World Summit on the Information Society