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News

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WCC 2018 POZNAŃ

The 24th IFIP World Computer Congress
September 17-22, 2018
Poznan, Poland

World Computer Congress 2018 Poznan, Poland

Nearly 500 people gathered in Poznan, Poland for the World Computer Congress (WCC2018) from September 17th till September 22nd, 2018.

Delegates came from 45 countries around the world, although the vast majority were from across Europe and in particular, hundreds of Poles took advantage of the opportunity afforded by having the event staged in their homeland.

WCC2018 included four keynote talks, 11 invited speakers, 11 parallel conferences, four workshops, an Oxford debate, live Enigma demonstration and link to Bletchley Park and various IFIP meetings, including its General Assembly.

With keynote presentations from luminaries including Leslie Valiant of Harvard University, cryptography expert, Jan Camenisch, celebrated data scientist, Wil van der Aalst and Shamila N Sirimanne of UNICTAD, attendees had a unique opportunity to hear from world-leading authorities.

Mike Hinchey Re-Elected as IFIP President

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FIP President Mike Hinchey was re-elected for another term at this month's General Assembly meeting held in conjunction with the IFIP World Computer Congress 2018 in Poznan, Poland.

Professor Hinchey, who is a Director at Lero, the Irish Software Research Centre, took over the reins as IFIP President in September 2016 with the goal of raising the profile of IFIP and its many achievements by developing closer relationships with other industry bodies, governments and international agencies such as the United Nations.

Leon Strous Receives IFIP's Highest Honour

IFIP's immediate past president, Leon Strous, has been recognised with the Isaac Auerbach Award, IFIP's most prestigious honour.

Established as a living memorial to IFIP's founding President, the award is presented to an individual whose service to IFIP exemplifies the Auerbach spirit of dedication and generosity.

In addition to serving as IFIP President for six years from 2010 to 2016, Leon has led and participated in numerous committees, forums, steering groups and task forces over his 25+ years of involvement in the global professional body.

Most notably, he was Chair of Technical Committee 11 (1995-2007), Chaired the WITFOR Steering Committee (2007), the World Computer Congress Steering Committee (2012), the Membership Task Force and WG 11.5. He initiated the Domain Committee on IoT, was Publications Chair for WCCs 2004, 2006 and 2010, and held leadership roles for various other events over the years.

He continues to Chair the Domain Committee for the Internet of Things and is a member of the Digital Equity Committee and Technical Committee 11 (Security).

Leon is a past recipient of the IFIP Silver Core Award and also holds the Order of Orange-Nassau from his home nation in The Netherlands

‘Job Up!’ Turing-Welchman Bombe finds the key to Enigma again

Tribute to Polish and British codebreakers eight decades on 24 September 2018

The reconstructed Turing-Welchman Bombe at The National Museum of Computing on Bletchley Park successfully found the key to break an Enigma-encrypted message in a live link-up with Poland.

The event formed part of the IFIP World Computer Congress in Poland as a tribute to the Polish mathematicians who discovered how to break Enigma, and to the British codebreakers who developed their techniques and made such a huge impact on the outcome of the Second World War.

More here: http://www.tnmoc.org/news/news-releases/%E2%80%98job-%E2%80%99-bombe-finds-key-enigma-again

Enigma Live at WCC

IFIP WG9.7 on the History of Computing drew one of its largest ever audiences of over 100 people on the final day of its Poznan World Computer Congress stream on the History of Computing in Eastern Europe.

The whole day event featured the sending of a message encrypted using an Enigma simulator to the UK where a team used an exact replica of the Bombe machine developed by Alan Turing and Gordon Welchman on display at The National Museum of Computing (TNMoC) at Bletchley Park to decrypt the message. Throughout the day delegates followed progress via a live video link between Poznan and Bletchley Park.

The event was staged as a tribute firstly to the Polish mathematicians who, after secret training at Poznan University, discovered how to break the German military’s Enigma coding machine, and secondly to the British codebreakers who developed further the successful Polish techniques and had a huge impact on the outcome of the Second World War.

Enigma was used by Nazi Germany to communicate encrypted messages about their operations in the various fields of conflict. Each day, codebreakers at Bletchley Park would try to find the new key of the day, which when found, enabled them to routinely read other Enigma-encrypted messages sent throughout that day. The race to find the key of the day began around midnight when the wheel settings of the Enigma were reset across each network.

While the decrypting was being done, conference delegates heard from Dr Cezary Mazurek, director of the Poznan Supercomputing and Networking Centre who, in welcoming the delegates, explained that his institution is affiliated to the University of Poznan, where the Polish Enigma codebreakers were secretly trained in the early 1930s. Dr Marek Grajek described how the Polish codebreakers revealed their work to their British and French allies in 1939, enabling them to start reading Enigma messages as the Second World War began. Sir Dermot Turing acknowledged those pioneering Polish codebreakers whose insight and ingenuity opened the door to compromising the secrecy of enemy operational messag-

Marek Grajek, Roger Johnson and Dermot Turing (seated) chat before the lecture

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es throughout the war with such an impactful result. He explained how his uncle, Alan Turing, realised that the best way to beat a mechanical coding machine was by building an electro-mechanical device to find the key of the day. Dr Roger Johnson, who arranged the event and chaired the day, is a WG 9.7 member, and a member of the TNMoC Bombe Team.

Ruth Bourne, a 92-year-old former Bombe operator (who still makes regular cameo appearances demonstrating the Bombe at TNMOC to the public), was present to verify the procedures and to recall those arduous and stressful but highly rewarding codebreaking days.

Helen Jarvis dressed as a wartime Bombe operator and Paul Kellar as the Codebreaker are videoed during the Enigma IIve event.

Ruth Bourne was one of many hundreds of Wrens who operated the 200 or so Bombe machines in satellite sites close to Bletchley Park. Working eight-hour shifts in around-the-clock codebreaking, she knew her work was important – but little more than that. “All we were told at the time was that we were codebreaking enemy messages. I never even heard the name Enigma until long after the war.”

Shortly after the message was received in the UK, today’s Bombe Team had found the key and by lunchtime were deciphering a message sent in English from Poland and calling Job Up! (the wartime shout when the key was successfully found) :

Message Header: JWK IHM

Encrypted message: IEEV LDQE WVUQ SHPG PZWL

Decrypted message: MYXD OGXH ASXN OXNO SEYY (with X for space and YY for message end)

(My dog has no nose)

Dermot Turing and Roger Johnson are amused by a question from the audience

Asked to compare today’s team of codebreakers with those of the war, Bombe Team operations leader Paul Kellar modestly put the day’s success in context. “The wartime engineers and codebreakers were much better than us! The engineering of the Bombe is as good as anything we have seen throughout our engineering careers. The codebreakers kept in their heads information derived from the Bombe -- we have to carefully write down the information as we go. Their innovative engineering and codebreaking skills are awe-inspiring to this day.”

A recording of the real-time feed between the conference in Poznan, Poland, and The National Museum of Computing on Bletchley Park will be available shortly.

13th Human Choice and Computers Conference: This Changes Everything declared a success at IFIP General Assembly

The conference organisers were warmly congratulated for their part in making a success of HCC13, and its part in the overall success of the World Computer Congress in Poznan, Poland, at the General Assembly of IFIP held in the days following the conference and congress.

Since 1974, the Human Choice and Computers (HCC) conference series has consistently fostered innovative thinking about the interfaces between society and technology. With the awareness, in particular, that Global Leadership on the increasingly pressing issue of climate change is in short supply, Human Choice and Computers turned, this year – among other concerns – to the question: ICT and Climate Change – What Can We Do? Papers on Sustainability, Ethics, Gender, our Digital Lives, Security, Inclusion, and other moments in the history of computing that challenged us, contributed to a rich feast of considerations, discussions, and intellectual stimulus. On the second night of the conference, the documentary of the book by Naomi Klein, *This Changes Everything,* was shown, highlighting the challenges of climate change, and some of the potential solutions.

Professor Charles Ess, co-chair of the conference, generously provided the text supporting his introduction to the conference, on the morning of Wednesday 19th, and his summary, on the morning of Friday 21st September, and David Kreps, Chair of HCC13, has made a precis of this for IFIP News. (References are to papers in the proceedings of the conference, unless including a date, in which case they are included below.)

After thirty-plus years of efforts to spur dialogue between philosophers, ethicists, humanists, social scientists and computer scientists and software engineers (not to mention Van Herck & Fiscarelli on the absence of women in computer conferences), at last, with the "fall of the wall"– software engineers are becoming virtue ethicists (Zevenbergen et al 2015; Spiekermann 2016). Here a completely new urgency, not just for philosophers or ethicists, but for all researchers and in general for all of us emerges: how can we develop a new stage of ethics, an ethics that will drive our behaviour and inform our decisions when the consequences of our acts are so distant in the future (Patrignani & Kavathatzopoulos).

Now, in 2018, "computer ethics have to become a tool to steer computing innovation constructively in a responsible way, and not simply a tool to compensate or fill a policy gap. This is a form of responsible in-

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novation that places human beings, society, sustainability, the environment and planet as essential." (Patrignani and Whitehouse, cited in Junge and van der Velden) Most pressing, in this regard, is the challenge of A.I. and robotics. Yet "… intelligence, according to shared cognition approaches, can be viewed as a phenomenon taking place in the context of a given ecology and not as an organism's intrinsic property. No organism can be imagined without a context, and therefore, *intelligence is not owned by individuals but happens only within interaction.*" (Vassilis Galanos) Thus, AI does not exist in relation to a natural intelligence or in relation to nonintelligent entities. By this double, apparently simple, lesson learned from a re-examination of AI's characteristics, a number of questions are raised concerning the co-production of morality in meshed human/robotic societies, as well as a tentative agenda for future empirical investigations.

Don Gotterbarn's Keynote address to conference masterfully framed all this in the move from the presumption of "ethics as rules" to be followed (or not), to Ethics as situated / context-oriented / process oriented within our approach and our daily activities. The launch of the ACM Code of Ethics and its international and cross-organisational promise was an important part of the opening of HCC13.

The question was raised: Do we have time for ethics and other such considerations when the primary concern is the urgency to "save the boat"? For Maja van der Velden, and Norberto Patrignani & Diane Whitehouse and their "Slow Tech", there is no massive "fix" that can quickly save us: it is by contrast important that we all need to *slow down* and that, thus, perhaps different / better solutions can be found. Such "epistemological humility" – that we can't know / control everything - and postures of waiting with hope (vs. drowning in despair), may be paramount in the years ahead.

The relationship between *power* and *ethics* is thus key*:* we have a greater duty to protect the *more vulnerable,* and those with more power have greater obligations to exercise power with care and responsibility. Thus, "virtue ethics should be applied to Internet research and engineering – where the technical persons must fulfil the character traits of the 'virtuous agent'" (Zevenbergen et al 2015).

In the end, as Don Gotterbarn stressed at the outset, *framing is everything.* Humans can be protected when entangled within a social network / system, and foundational, culturally shaped, assumptions regarding human nature and selfhood (individual vs. relational, etc,) need to be considered and addressed. The priority, in fact, must be upon *relationality.* Individuals / nodes are only secondarily connected together in a network (e.g., "networked individualism"). *Relational autonomies* are a clearer and more accurate description of our condition. We are both individuals and inextricably interconnected with one another.

At Newgrange, near Dublin, Ireland, there is a 5000year-old chamber "grave": a four-generation project, designed to mark the winter solstice and the beginning of the return of sun, light, and new life in the spring. While the urgency of the environmental crises cannot be overstated – *the planet is burning* – at the same time, we may be advised to take the long view as well: recognizing that it will be generations before the environmental / political / economic / social / political / conditions can be reversed / transformed / overcome sufficiently to make the planet habitable and commodious for all of us throughout the ecosphere. This is no reason not to do our best and utmost as quickly as we can. It is a reason to consider that we will likely not be able to do everything necessary within our lifetime. Rather than despair, it is our hope that we can evolve the multi-generational commitments that seem necessary to resolve the crises. If the stone-age clans of Newgrange can do it – perhaps we can find the personal / social / political / economic … resources needed as well for structuring an equally long-term commitment?

45 Years of Informatics Association of Serbia celebrated

BELGRADE, June 28, 2018 - The 45th anniversary of the Informatics Association of Serbia was commemorated at the ceremony in the Serbian Chamber of Commerce. Many professionals in the field of informatics (professors, teachers, managers, developers, web designers, journalists, etc) attended the meeting.

Nikola Markovic, president of IAS, gave a presentation titled "45 years of existence and activities of the Informatics Association of Serbia". He pointed out that IAS began as an organized movement to spread automatic data processing and speed up computerization of Serbia. Markovic also stated that in the coming period, Informatics Association of Serbia will strive for faster digitization of businesses, affirmation of domestic ICT results, protection of privacy, development of information literacy, and encouraging creativity.

Prof. Dr. Boris Delibasic from Faculty of organizational sciences held a lecture named "Data and changes it brings". Based on a case study from the Kopaonik ski resort, he demonstrated that with latest scientific methods and tools, big data can be used as a resource for business development.

Milovan Matijevic, an IT analyst at Mineco, presented diverse information about Serbian IT market in 2017, as well as expectations in 2018. He also proposed measures for stimulating digitization in Serbia.
The participants at this anniversary meeting expressed belief that IAS will continue to be an active participant and initiator of measures for a more dynamic digitalization of Serbia.

13th IFIP Summer School 2018 on Privacy and Identity Management

The 13th IFIP Summer School 2018 on Privacy and Identity Management was held in Vienna, Austria, 20-24 August 2018, with a special focus on the topic “Fairness, Accountability and Transparency in the Age of Big Data”. It was hosted by Austrian Institute of Technology (AIT) as a joint effort between the IFIP Working Groups 9.2, 9.6/11.7, 11.6 and of different research projects, including the German Privacy Forum (Forum Privatheit), the EU H2020 project CREDENTIAL and other projects.

As in previous years, it has been bringing together junior and senior researchers and practitioners from multiple disciplines to discuss important questions concerning privacy and identity management and related issues in a global environment subject to change. The Summer School is not a pure “taught course”: It takes a holistic approach to address privacy from a combination of different perspectives, including technical, legal and social-science perspectives, and supports interdisciplinary exchange through keynote and plenary lectures, tutorials, workshops, and research paper presentations.

A special highlight was on seminar day at the FRA (European Union Agency for Fundamental Rights, Austria) in Vienna, where the problem of discrimination and the challenges of guaranteeing fairness transparency in the age of Artificial Intelligence and Big Data were discussed from a human rights, legal and technical perspective. Especially it was discussed whether a *Right of Explanation* could be derived from the

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GDPR, providing data subjects reasoning on how decisions were made by machine learning algorithms, and how far such a right could be technically implemented.

Congratulations to Laurens Naudt (KU Leuven), Yefim Shulman (Tel Aviv University), and Sascha van Schendel (Tilburg University) for winning the BEST STUDENT PAPER AWARDs – see https://twitter.com/IFIP_PrivacyIdM/status/1032949180514353152

Special thanks to General co-Chair Stephan Krenn (AIT Austrian Institute of Technology), Simone Fischer-Hübner (Karlstad University) and to the Programme Committee Co-Chairs Eleni Kosta (Tilburg University), Jo Pierson (Vrije Universiteit Brussel), Daniel Slamanig (AIT Austrian Institute of Technology) for their fantastic work for preparing and oragnising the summer school.

INTERACT 2019

September 2-6 - Paphos, Cyprus

INTERACT 2019 is the latest of a series of conferences on Human-Computer Interaction organized under the aegis of the Technical Committee 13 of the UNESCO International Federation for Information Processing (IFIP). The IFIP TC 13 aims at developing the science and technology of the interaction between humans and computing devices. The first INTERACT conference was organized in London, UK in 1984 and the most recent conferences took place in India (2017), Germany (2015), South Africa (2013) and Portugal (2011).

INTERACT 2019 runs in-cooperation with the ACM Special Interest Group on Human-Computer Interaction (SIGCHI). The 2019 conference will be hosted by the Cyprus University of Technology and supported by Tallinn University.

INTERACT 2019 welcome contributions covering all aspects of Human-Computer Interaction. The areas of interest include, but are not limited to, one or multiple the topics related to HCI. We welcome theories, experiments, tools, reviews, experiences, field work, designs and any other types of contributions through our various tracks.

Outstanding contributions will be considered for an awards in the following categories:

* FIP Brian Shackel Award: recognizes contribution that draws attention to the need for a comprehensive human-centred approach in the design and use of information technology in which the human and social implications have been taken into account.
* FIP TC 13 Accessibility Award: recognizes contributions with international impact in the field of accessibility for disabled users in human-computer interaction.
* nteraction Design for International Development (IDID) Award: recognizes contribution to the application of interactive systems for social and economic development of people in developing countries.
* INTERACT reviewers' choice award: recognize the best 15% accepted papers based on reviewers comments and scores.
* Selected papers will be invited to extended version to be published in the journal Behaviour & Information Technology

More detailed information: https://interact2019.org/

Call for Papers: https://interact2019.org/calls/

IFIP 9.4 Masters and Doctoral Symposium for Sub-Saharan Africa (Southern and Eastern)

The IFIP 9.4 Masters and Doctoral Symposium for Sub-Saharan Africa (Southern and Eastern) was organised by Caroline Khene and Gugulethu Baduza. The event was held on 22 August 2018 at the La'Wiida Lodge & Conference Centre in Tshwane, Gauteng Province of South Africa. The aim was to develop young researchers through providing critical feedback and support on their research progress. Seventeen postgraduate students from Southern African countries like Botswana, Zimbabwe and South Africa participated. They submitted extended abstracts based on extracts from Masters and PhD work-in-progress, which were reviewed by selected reviewers before the symposium. The students then submitted the updated abstracts and presented a poster on the day where they received feedback by two panellists and members of the audience. The feedback also supported the development of research papers for submission to ICT4D conferences or specialist tracks, notably the IFIP WG 9.4 conference in 2019

The keynote address was presented by Prof Geoff Walsham, Professor Emeritus of Management Studies from the Judge Business School in Cambridge – on 'Succeeding in Arguing/Justifying your Application of Theory'. A workshop was also facilitated by Prof Robert Davison and Dr Emma Coleman, on 'Writing Research Papers', where they shared their experience and advice, being editors of journals in the ICT4D and Information Systems field. Prof Davison who is also the Chairperson of the IFIP WG 9.4 on Social Implications of Computing in Developing Countries, presented the goals of IFIP and explained how students could get involved in IFIP and the 9.4 working group.

The IFIP WG 9.4 conference to be held in Tanzania in 2019 was also introduced and promoted. The symposium turned out to be a useful platform to engage emerging researchers. We are most grateful for the South African Department of Science and Technology/IFIP conference grant and the IFIP WG 9.4 sponsored prizes for the best Masters and Doctoral presentations and poster, to further encourage the postgraduate participants.

Chairpersons of the IFIP Workshop: Caroline Khene and Gugulethu Baduza

Robert Davison presenting a prize to a master's student, Siviwe Bala.

"it Changes Everything"

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 which is **celebrating the 42nd Anniversary this year**. The CSSL is also a member of the South East Asia Regional Computer Confederation (SEARCC) and International Federation for Information Processing (IFIP).

The CSSL organizes the National Information Technology Conference (NITC) annually, which is **the flagship ICT event in Sri Lanka**. Last year, the event was Sri Lanka's biggest ever international ICT event. This event involves **key ICT decision makers in private and public sector together** to share and discuss latest trends in Information and Communication Technology **with over 30 foreign and local prominent speakers and 1000 plus ICT professionals**.

For the consecutive 36th year the CSSL organizes the National Information Technology Conference (NITC), with the timely theme **"it Changes Everything"** to bring better value proposition for the participants and also to add value to Sri Lanka **by attracting more foreign delegates as well as speakers.**

His Excellency the President Maithripala Sirisena will be the Chief Guest at the NITC Conference this year.

2018 NITC conference - Shangri-La Hotel, Colombo is scheduled as below;

2nd October - NITC Inauguration & ICT Awards Night

3rd October - DAY 01 - NATIONAL IT CONFERENCE

4th October - DAY 02 - NATIONAL IT CONFERENCE

"This Changes Everything" is the theme this year - many of us would like to associate ourselves with this phrase from Steve Jobs' at the iPhone launch in 2007. All those who are enthusiastic about ICT believe that "it" will change everything – for the better, for everyone. Details are at NITC.LK .

NITC from last year is partnered with IEEE and the selected publications will feature on IEEE Xplore Digital Library, thus featuring researchers on a global platform.

This year's conference will feature a number of seasoned international and local academics including Dr. Moinul Zaber, Mr. Jeremiah Palmerston, Ms. Carey Furze, Mr. Tom Worthington, Prof. Boris Delibasic, Mr. Sunil Jose , Dr. Pallab Saha, Dr Malitha Wijesundara, Dr Prathiba Mahanamahewa, Prof. Asanga Abeyagoonasekera and Prof. Gihan Dias. In addition, many eminent industry professionals including Mr. Manju Gunawardana, Mr. Channa De Silva, Mr. Eranda Ginige, Mr. Bradley Emerson, Mr. Nalaka Gunawardena, Mr. Dulitha Herath, Mr. Dinuka Perera, Mr. Jiffry Zulfer, Mr. Craig Horne, Mr. Peeyush Arya, Mr. Wasantha Perera and Mr. Sandalal Edirisinghe will also join with us as presenters.

The event already has many sponsors including Lanka Clear, People Bank and SlaesForce as Gold Sponsors while CryptoGen, SLIIT, Australian Migration Centre, EduScope.Live, Mobitel, FriMi, Scienter and Career Builders also have joined in as sponsors.

The Conference is organised under the leadership of Mr Yasas V Abeywickrama, President CSSL. The Conference Chair is Dr Parakum Pathirana while Dr Malitha Wijesundara leads the academic component of the conference. CSSL VP Mr Prabath S Wickramaratne, CSSL Past President Mr Chrisantha Silva, CSSL Student Counselor Prof Samantha Thelijjagoda and other CSSL Executive Council Members and sub committee members are supporting the organizing of the conference together with CSSL Staff.

To register, please call +94 115 949 577

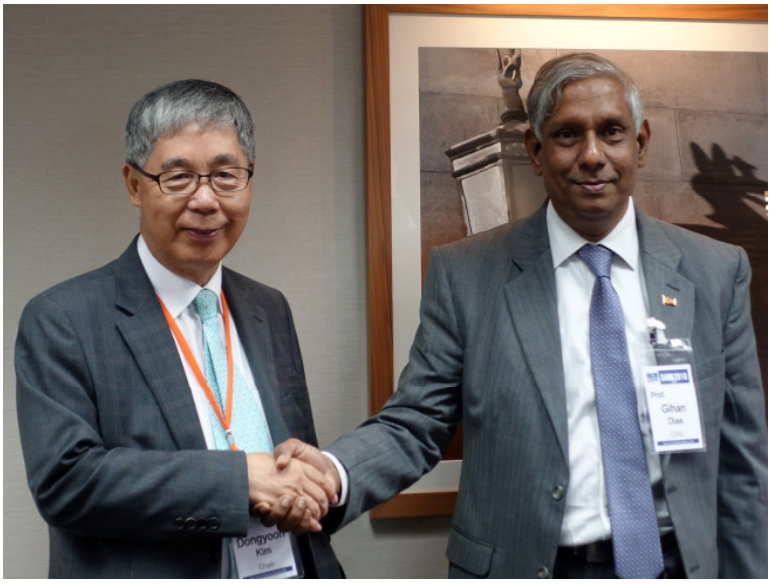
or +94 114 713 336, or email us at

info@cssl.lk .

CSSL Degree Accreditation Recognized at Global Level

It is with pleasure to inform you that on 23rd of June, CSSL was inducted into Seoul Accord as a Provisional Member, at the Seoul Accord Meeting in Cambridge, UK.

This is a historic moment for CSSL, IT higher education and Sri Lanka at large. Through the hard work of many individuals over the last few years of laying the foundation for degree accreditation, now we have been inducted into the global standard of computing degree accreditation. This will open a new chapter in seeing computing degreoes in Sri Lanka getting accredited at global levels of the standard by CSSL, a prestigious and an important phase in shaping the higher education sector in Sri Lanka over the coming few years.



There are many many academics and professionals who supported and contributed in this mammoth effort that spanned over three years. The CSSL recognizes Professor Gihan Dias' leadership as CSSL Accreditation Board Chair since its inception in 2017 and driving it so well ensuring all angles are looked into. Prof Dias represented Sri Lanka at the Cambridge meeting that we were accepted into the accord. Dr Malitha Wijesundara gave leadership to this project on behalf of CSSL ExCo, Dr Dayan Rajapakse under his Presidency initiated this project with long foresight and continues to contribute towards its success, Prof Indra Dayawansa ensured our processes are documented to global standards, and all accreditation board members for their many hours of contribution in shaping this up.

The CSSL ExCo has been supportive of this initiative and willing to do the financial and non-financial investment that it takes, by understanding the long-term benefits that CSSL, academia and Sri Lanka as a country would reap from this effort. The CSSL staff should be thanked for their support.

From a long-term perspective, being inducted to Seoul Accord by accepting our degree accreditation standards is a historic moment in the rich history of 42 years of CSSL.

CSSL President Yasas V Abeywcikrama wishes to extend his thanks to all those who helped in this journey.

(picture courtesy ACS)

Vale Brenda Aynsley OAM

With great sadness we learned about the passing away of Brenda Aynsley on August 12, 2018. Her activities and accomplishments are many and for a very long time. Being a strong person who had a clear vision and goals to achieve, she was very persistent in convincing colleagues of her ideas. For IFIP she was instrumental in giving the work on professionalism a major boost. Being the chair of the International Professionalism Practice Partnership (IP3) for six years, from 2011 – 2017, she reached out to member societies and convinced many of them to start thinking about the path of professionalism schemes and international accreditation of them. This was not an easy task, the plans of IP3 were sometimes seen as impossible to accomplish or threatening to existing initiatives. Brenda was tireless in explaining and promoting the good cause of professionalism. During her period as chair IP3 was more solidly embedded in the IFIP structure which benefitted the promotion of it.

She also contributed many times to events organized by UN organizations like ITU and UNESCO about (first) the Millennium Development Goals and (later) the Sustainable Development Goals. She strongly believed that assisting developing countries in achieving professionalism in their ICT workforce would contribute to achieving the SDG's. And this was advocated in many workshops in Geneva and other places.

There is so much more to tell about her achievements and for that I am happy to refer to the tributes to her from the ACS and IP3:

https://ia.acs.org.au/article/2018/Vale-Brenda-Aynsley-OAM.html?ref=newsletter

http://ipthree.org/brenda-aynsley-immediate-past-chair-passes-away/

It was a privilege for me to have known Brenda and to have worked with her on the goals of our community. She was a true driving force, sometimes impatient but always optimistic that ultimately the goals would be achieved. A storyteller with a great sense of humour. She will be dearly missed.

Leon Strous

IFIP President 2010-2016

Some of forthcoming IFIP events. For a full list of events, please look at http://www.ifip.org

2018 International Conference on Cyberworlds http://cyberworlds-conference.org	**CW 2018**	**03/10-05/10 2018 Singapore, SG**	**IFIP WG5.10 / IFIP TC5**
10th IFIP Latin America Networking Conference http://lanc2018.ic.unicamp.br	**LANC 2018**	**03/10-04/10 2018 São Paulo, BR**	**IFIP WG6.9 / IFIP TC6**
IFIP/IEEE International Conference on Very Large Scale http://www.vlsi-soc.com/	**VLSI-SOC**	**08/10-10/10 2018 Verona, IT**	**IFIP, IEEE, IEEE CEDA, IEEE CAS**
Internation multiconference Information Society http://is.ijs.si	**IS2018**	**08/10-12/10 2018 Ljubljana, SI**	**IFIP TC8**
African Conference on Research in Computer Science http://www.cari-info.org/cari-call2018	**CARI**	**14/10-16/10 2018 Stellenbosch, ZA**	**CIRAD (Centre de coopération internationale en recherche agronomique pour le développement), AUF (Agence universitaire de la Francophonie), IRD (Institut de recherche pour le développement), INRIA, French embassy in South Africa, Stellenbosch University**
International Conference on Application of Information and Communication Technology and Statistics in Economy and Education http://icaictsee.unwe.bg	**ICAICTSEE 2018**	**18/10-20/10 2018 Sofia, BG**	**IFIP TC5**
13th OTM / IFAC / IFIP International Workshop on Enterprise Integration, Interoperability and Networking http://www.otmconferences.org	**EI2N2018**	**24/10-25/10 2018 Valletta, MT**	**IFAC TC 5.3 Enterprise Integration and Networking (http://tc.ifac-control.org/5/3) (main sponsoring TC) IFIP TC 5 WG 5.8 Enterprise Interoperability (http://www.ifip-ei.org) (main sponsoring WG) IFAC TC 3.1. Computers for Control**
I3E 2018, e-Business, e-Services, and e-Society https://ifip.gust.edu.kw	**I3E**	**29/10-31/10 2018 Kuwait City, KW**	**IFIP WG6.11 / IFIP TC6**
TRIZ Future Conference http://tfc2018.fr	**TFC2018**	**29/10-31/10 2018 Strasbourg, FR**	**French Region Grand EST (submitted) Design Society (In process)**
11th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modelling http://poem2018.omilab.org	**PoEM2018**	**01/11-02/11 2018 Vienna, AT**	

Some of forthcoming IFIP events. For a full list of events, please look at http://www.ifip.org

14th International Conference on Network and Service Management http://www.cnsm-conf.org/2018	**CNSM 2018**	**05/11-09/11 2018 Rome, IT**	**IEEE ComSoc, IEEE CS**
Brazilian Symposium on Computing Systems Engineering http://sbesc.lisha.ufsc.br/sbesc2018	**SBESC**	**06/11-09/11 2018 Salvador, BR**	**Brazilian Computer Society**
International Conference on Network of the Future http://www.network-of-the-future.org	**NoF**	**19/11-21/11 2018 FR**	**IEEE, IEEE ComSoc**
Annual IFIP International Conference on Network and Parallel Computing http://pacman.cs.tsinghua.edu.cn/npc2018	**NPC**	**29/11-01/12 2018 Muroran, Hokkaido, JP**	**IFIP WG10.3 / IFIP TC10**
The 23rd IEEE Pacific Rim International Symposium on Dependable Computing http://prdc.dependability.org/PRDC2018	**PRDC 2018**	**04/12-07/12 2018 Taipei, TW**	**IEEE**
IFIP 8.2 Working Conference: Living with Monsters? Social Implications of Algorithmic Phenomena, Hybrid Agency and the Performativity of Technology http://2018conf.ifipwg82.org/	**Monster conference**	**11/12-12/12 2018 San Francisco, US**	**University of Oslo, Syracuse University, University of Sydney, Stockholm School of Economics**
International Symposium on Data-Driven Process Discovery and Analysis http://simpda2018.di.unimi.it	**SIMPDA 2018**	**12/12-14/12 2018 Seville, ES**	**IFIP WG2.6 / IFIP TC2**
Wireless On-demand Network systems and Services http://2019.wons-conference.org	**WONS**	**22/01-24/02 2019 Wengen, CH**	**IEEE Comsoc**
IFIP International Conference on Emerging Wireless Communications and Networking http://ewcn-2014.lri.fr	**EWCN**	**28/04-29/04 2019 Erbil, IQ**	**IFIP WG6.8 / IFIP TC6**
The 15th International Conference on Social Implications of Computers in Developing Countries http://www.ifipwg94.org/new/	**IFIP WG 9.4 2019**	**01/05-03/05 2019 Dar es Salaam, TZ**	**University of Oslo, Norway**
Fundamentals of Software Engineering http://fsen.ir/2019	**FSEN 2019**	**01/05-03/05 2019 Tehran, IR**	**IFIP WG2.2 / IFIP TC2**
Doctoral Conference on Computing, Electrical and Industrial Systems http://sites.uninova.pt/doceis	**DoCEIS`19**	**08/05-10/05 2019 Caparica (Lisbon), PT**	**SOCOLNET - Society of Collaborative Networks (Main Sponsor), IFIP WG5.5**

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