IFIP President Elected Head of ICS

IFIP President Mike Hinchey is now also head of the Irish Computer Society (ICS) after its election earlier this month.

Professor Hinchey, who previously served as ICS Vice President and Treasurer, was elected for a one year term with the potential to renew for up to three years. His elevation comes just two months after his re-election as IFIP President for a second three year term at the IFIP General Assembly, held in conjunction with the World Computer Congress at Poznan in September.

Hinchey believes his dual roles will enable him to more effectively represent the needs of ICT professionals across Ireland and internationally.

"My role and mission at ICS and IFIP are very similar – I want to help represent Irish IIT professionals at every level and to get the respect that ICT professionals deserve, which is way overdue in both a national and international sense," he said.

With technology now driving outcomes and enabling processes across all sectors of business and public service, the role of ICT professionals in developing, maintaining and supporting ICT systems is critical.

"No sector of the economy can thrive without a strong and professional ICT workforce. We want our highly-skilled tech workforce, over 10,000 of whom are ICS members, to be valued as an unparalleled national resource."

Hinchey credits Ireland's technology sector with saving its economy and said ICT is the reason why Ireland is one of the best performing nations in the EU today.

"We've reached a point where further growth is being constrained by funding, capacity and capability issues. We at ICS – and IFIP – want a future where our ICT profession is strong, flexible and respected. Our goal is to create a professional ecosystem that attracts, nurtures, retains and creates talent," he explained, pointing to ICS's success in encouraging thousands of members to log their CPD activities and plan career paths through the society.

(Continued from page 1)

"Ireland leads the way in this area. The EU is fully supportive of what ICS is doing in terms of professionalising the ICT workforce.

"The reality is that ICT often moves too quickly for us to legislate for all the impacts of the technology we develop. We can either continue to develop systems and assume that everyone has the technical skills and ethics to deliver safe systems or we can choose a new path and hold professionals accountable for their work."

Hinchey is called for an overarching governance standard to provide a benchmark for the ICT solutions and services that increasingly underpin our world, raising professional standards and reducing risks for consumers.

The Professor of Software Engineering at the University of Limerick and the former Director of Lero – The Irish Software Research Centre, Hinchey was previously Director of the Software Engineering Laboratory at the NASA Goddard Space Flight Centre in Maryland.

He continues to consult to NASA, building on his work in software research incorporating Formal Methods, Autonomous Systems and Software Reliability. His research has been implemented in various space projects and will be incorporated in future missions.

Digital platforms enhancing commitment and creating value: Insights from MedicineAfrica

Digital platforms and online communities have attracted growing popularity within (and beyond) the IS field. Relevant literature argues that these new configurations have the potential to create different types of value (Barrett, Oborn, & Orlikowski, 2016; Goh, Gao, & Agarwal, 2016).

To further explore how technology contributes to value creation within these contexts, Dr Petros Chamakiotis (Sussex), Co-Chair of the IFIP Working Group 9.5 on Virtuality & Society, together with Prof Niki Panteli (Royal Holloway) and Dr Dimitra Petrakaki (Sussex) conducted a two-year study with MedicineAfrica; a digital health platform that connects UK-based medical professionals with healthcare workers and students from countries with weak or little access to healthcare education (e.g. Somaliland, Palestine). Their study involved online observations, interviews and questionnaires with 17 MedicineAfrica members with differing roles and from different geographical locations.

The findings of the study make two contributions which have theoretical and practical significance. First, they reveal the trajectories of the volunteers' commitment to MedicineAfrica over time, from initial motives for joining to their growing commitment, responsibility and role within the MedicineAfrica community. Second, they unpack different types of social value that MedicineAfrica helps to generate, and explore how these influence the community at large, a well as the individual stakeholders involved in the platform. These findings are depicted visually in a creative brochure which can be viewed here.

References

Barrett, M., Oborn, E., & Orlikowski, W. (2016). Creating Value in Online Communities: The Sociomaterial Configuring of Strategy, Platform, and Stakeholder Engagement. *Information Systems Research*, 27(4), 704–723.

Goh, J. M., Gao, G. (Gordon), & Agarwal, R. (2016). The Creation of Social Value: Can an Online Health Community Reduce Rural-Urban Health Disparities? *MIS Quarterly*, 40(1), 247–263.

Bios
Dr Petros Chamakiotis (@petros_cham) is a Lecturer in Information Systems at the University of Sussex Business School, UK, and Co-Chair of the IFIP Working Group 9.5 on Virtuality & Society.

Prof Niki Panteli (@niki_panteli) is a Professor of Digital Business in the School of Management at Royal Holloway, University of London, UK.

Dr Dimitra Petrakaki (@DPetrakaki) is a Reader in Information Systems at the University of Sussex Business School, UK.

24th IFIP World Computer Congress

Information Processing in an Increasingly Connected World: Opportunities and Threats

September 17-21, 2018, Poznan, Poland

The Congress was to be something more than a regular conference. The "traditional" part of the congress consisted of 11 conferences and workshops focused on selected areas of Information Processing and featured four keynotes:

2018-09-18, **Wil van der Aalst**, RWTH Aachen University, member of Academia Europaea:
Responsible Data Science in a Dynamic World
2018-09-19, **Jan Camenisch**, Dfinity (prev. IBM Zurich), winner of Beckman Award 2018:
The Pros and Cons of Blockchain for Privacy
2018-09-20, **Leslie Valiant**, Harvard University, winner of Turing Award 2010:
What Needs to be Added to Machine Learning?
2018-09-21, **Shamika N. Sirimanne**, UNCTAD, Director for Technology and Logistics:
Harnessing Frontier Technologies for Sustainable Development

Detailed program is available at http://wcc2018.org/program

What have made WCC 2018 something more than a regular conference was a set of special events:
   IFIP Capture the Flag Student Competition
   Ph.D. Student Research Competition
   DIME talks (Difficult yet Important Made Easy)
   Oxford debate on Artificial Intelligence (The Oxford debate was moderated by Leon Strous, Past President of IFIP and Honorary Member thereof. The theme of the debate was the following question:
        Should Artificial Intelligence be more regulated?
   The expert panel consisted of four persons:
        Ulrich Furbach, Chair of IFIP TC-12 on AI
        Eunika Mercier-Laurent, Vice Chair of IFIP TC-12 on AI
        Chris Rees, President of the British Computer Society
        Jerzy Stefanowski, Vice President, Polish Association on AI

First two panel members were against regulations and the last two were in favour of them.

This World Computer Congress coincided with 70th anniversary of Polish Computer Science and therefore Polish Information Processing Society has issued Medals of 70th Anniversary of Polish Informatics and 5 people have been presented them during the opening ceremony of the Congress. Moreover, during the conference *History of Computing in Eastern Europe* two talks given by Marek Hołyński and Piotr Kosiuczenko were devoted to early years of computing in Poland.

Organization of the Congress was under control of two General co-Chairs:
> Roman Slowinski, Chair of Committee of Informatics, Polish Academy of Sciences, and
> Leon Strous, past President of IFIP and Honorary Member of IFIP.

The Organizing Committee co-Chairs were
> Robert Wrembel, past Deputy Dean of Faculty of Computing, Poznan University of Technology, and member of IFIP WG 2.6, and
> Andrzej Jaszkiewicz, current Dean of Faculty of Computing, Poznan University of Technology

They were supported by
> Eduard Dundler, General Secretary of IFIP,
> Joanna Jozefowska, Deputy Rector of Poznan Univeristy of Technology,
> Basie von Solms, past President of IFIP and Honorary Member of IFIP (as Publication Chair),
> A Min Tjoa, Honorary Secretary of IFIP.

Program Committee of IFIP WCC 2018 was run by two co-Chairs
> Mike Hinchey, President of IFIP,
> Jerzy Nawrocki, IFIP Councillor

T
he institutional organizers included:
> International Federation for Information Processing,
> Committee on Informatics, Polish Academy of Sciences,
> Poznan University of Technology,
> Polish Information Processing Society,
> Poznan Supercomputing and Networking Center.

The financial support or patronage was obtained from companies and institutions, the main of which are:
> GlaxoSmithKline,
> Roche,
> Mayor of Poznan
> Polish Ministry of Digital Affairs
> Polish Ministry of Science and Higher Education.

Moreover, IFIP WCC 2018 was supported by IBM, Intel, Bank Polski PKO, Poznan Convention Bureau, BAE Systems, beyond.pl, Microsoft, Santander, IT.integro, Future Processing, Emerald Publishing, Kompania Piwowarska, tidk.

The Congress was attended by over 550 people from 53 countries which is quite satisfactory (according to the estimate made in 2016, the expected number of participants was then about 400). The most represented country was Poland with over 150 participants. From the financial point of view the Congress was also pretty good: there was no deficit (but no profit as well). The premises of the Poznan University of Technology proved very useful and very cheap as well (much cheaper when compared to hotels). There was also no problem with hotel accommodation.

The Congress was followed by IFIP General Assembly which went also quite smoothly in the university's premises.

IFIP Equity grant to attend WCC 2018
Report

My name is Alexia Pacheco. I am a PhD student at Computer Science Graduate Program (PPCI) of University of Costa Rica (UCR). I was granted by IFIP Digital Equity Committee to participate en WCC 2018. I presented a paper in CONFENIS titled:

Designing a Technical Debt Visualization Tool to Improve Stakeholder communication in the Decision Making Process: a Case Study

The authors of paper are:

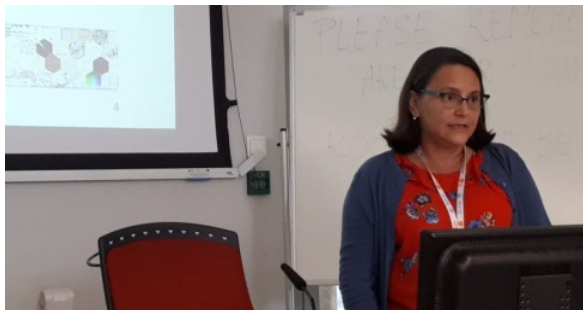Alexia Pacheco[1,2], Gabriela Marín-Raventós[1,2] and Gustavo López[1]

[1] Research Center for Communication and Information Technologies (CITIC), University of Costa Rica (UCR), San José, Costa Rica
[2] Computer Science Graduate Program (PPCI), University of Costa Rica (UCR), San José, Costa Rica

WCC 2018 was a high quality event. The hosts achieved an excellent organization and the speakers achieved a great performance. The program of the event included diverse topics and current issues. The event allowed the exchange of ideas among the participants on topics of great relevance for the development of society.

WCC 2018 allowed me to present my research work and receive feedback, as well as establish contacts that are of benefit to complete my doctoral studies. In addition, I was able to expand my knowledge on topics of great importance such as research and practical issues of Enterprise Information Systems, Internet of Things, Data Science, IT research, among others. I thank IFIP Digital Equity Committee for the opportunity provided to achieve my participation in WCC 2018.

The following figure shows photographs of my presentation and my participation in WCC 2018.

Maoneke: Description of My Participation at the Just Ended WCC 2018

My experience at the WCC2018 was phenomenal. Research is for the world and research domains that we are committed to; hence, the WCC is the best place to be when it comes to showcasing our ideas. Writing a paper for an IFIP conference gave me an opportunity to evaluate my progress on research judging by the feedback I got from established researchers. Their feedback guided me in positioning my contribution within the research field. Furthermore, I presented my research paper titled: "The Influence of Native Language on Password Composition and Security: A Socioculture Theoretical View". It was great to share my ideas with other related researchers during and after the presentation. This gave me an opportunity to network and see what other researchers are working on. Presentations from guest speakers who have been in the field of computing for a long time further opened my eyes on a number of issues and subjects of interest. I also took part in social events, the conference dinner. Well I must say the food was amazing and the warm reception by the people of Poznan was exceptional. I believe my participation at the WCC2018 is the beginning of many great things to come as I shall continue using such a platform to share my research work while learning from the greats.

IP3 News

Chair report

After a very busy World Computer Congress, and the subsequent IP3 meetings and IFIP General Assembly, IP3 has focused on starting the actions we agreed to in our planning meetings.

We were delighted to confirm several Directors to serve on the IP3 board:

- Founding Member directors: Anthony Wong (ACS & IFIP); Margaret Havey (CIPS)
- Member Society nominations received and confirmed: Tetsuro Kakeshita (IPSJ); Moira de Roche (IITPSA)
- Nominated from the floor and duly elected: Jee-In Kim (KIISE); Lawrence Gudza (CSZ); Liesbeth Ruoff (KNVI); Raymond Morel (SI); Yasas Abeywickrama (CSSL).
- Co-opted: Adrian Schofield (Vice-Chair SAC); Stephen Ibaraki (Vice-Chair Strategic Relations).

Plans for the 12 months include:

1. Write a proposal for funding of Frameworks mapping, Defining the building blocks of Professionalism, Ethics and updates to the Skills 2020 report (to support mapping and development). IP3 hopes to collaborate with Technical Committees and Domain Committees.
2. We want to continue the discussions on "Giving Voice to Values" as it relates to Ethics.
3. Develop one or more prizes that applaud Professionalism.

All our outreach activities: presentations; writing; etc, will continue to promote the iDOCED (Duty of Care in Everything Digital) and Trust campaign. It is interesting to note that hot on the heels of GDPR in Europe is the start of the Duty of Care conversation in the US re: Data Protection/Privacy

"The Data Care Act will help by establishing a duty of care for sensitive data and by ensuring the FTC can hold companies accountable when they fall short." - the message we actively promote. Read more.

Stephen Ibaraki to keynote at YPO Edge conference – YPO, 27,000 CEOs, 6+ Trillion USD annual revenue, 16+ million employees.

This annual Conference is the largest premier gathering of notable CEOs, will be held in Cape Town from 6 to 7 March 2019. As digital citizens in the 21st century, business leaders can emulate this process, leaning optimistically into the future to RE_Skill, RE_Tool, RE_Boot, and RE_Invent. That's the mission of the theme of the 2019 YPO EDGE in Cape Town: to inspire leaders to live the "Life of RE_," a state of perpetual upgrade and improvement. Under the theme "Re-Design Your Business Approach", Stephen will explore how leaders should Tap into the Fourth Industrial Revolution for sustainable investment opportunities and unprecedented growth. Click here for more about this event which promotes lifelong learning.

Earlier, July 2018 , Stephen was invited as a founding member of the Steering Committee of AI Pioneers whose objective is to produce a digital manifesto, capability maturity model and more for AI. AI Pioneers consists of invited heads of innovation in AI from Fortune corporations, governments, United Nations, research and more. Stephen keynoted on Wall Street in New York in July, Wall Street in September; spoke again in October hosted at Nasdaq HQ in New York, November London, and again in New York, hosted by the United Nations.

In addition, in December, Stephen keynoted twice at the CSI/TSS Yonder25 Conference in Cluj Romania: on "entrepreneurship" to executives; on the "future of life and the enterprise involving Society 5.0 and the

5th Machine-age Unlimited X-Revolution (5MUZ) to executives in the software industry and executives of companies using software. His three mainstage speaking included a 90 minutes of question and answer with the capacity audience.

Stephen also was the mainstage plenary speaker at the Resharing National Security forum and symposium held in Shanghai China where he spoke of two topics:

- AI Reshaping National Security: New opportunities and Challenges-
- AI Reshaping National Security: Social and Economic impacts of innovation

This is the first major forum on AI and National Security with top invited international leaders hosted by Shanghai Institute for International Studies (SIIS) and Centre for Artificial Intelligence and Robotics United Nations Interregional Crime and Justice Research Institute (UNICRI)

IP3 Director Liesbeth Ruoff promotes the European Standard at SEARCC board meeting

On 4 December 2018 the Executive Board of SEARCC held their meeting in Colombo Sri Lanka. Liesbeth was honoured to introduce **THE EUROPEAN STANDARD: E-CF, and the CUSTOMISING AND MAPPING OPPORTUNITIES**.

Liesbeth said it was a pleasure to firstly make them acquainted with the European Standard Framework e-CF, built on 40 IT competences. A competence is seen as a demonstrated ability to apply knowledge, skills and attitude for achieving observable results. The 40 competences are divided in 5 groups: PLAN, BUILD, RUN, ENABLE and MANAGE and each have up to 5 levels.

Secondly, she made them aware that a European standard is driven by business and made through a transparent, balanced and consensus-based process in which relevant stakeholders are involved. These standards are not owned by a company or organization but managed by The European Standard Organization CEN CENELEC, a private international non-profit organization. https://www.cencenelec.eu/aboutus/governance/Pages/default.aspx

Last, but not least, Liesbeth explored the customizing and bridging opportunities with the e-CF Framework that were introduced. Customizing with profile and competence description templates for example, and bridging opportunities from profile to competence, or from a deliverable like a Business Plan, Roadmap or Sprint Planning to competence or profile. The mapping of SFIA with e-CF closed the introduction session. http://www.ecompetences.eu/e-cf-3-0-download/

Liesbeth presented a similar presentation to KNVI later in December. This very useful and informative presentation can be found on the IP3 website.

IP3 Member IITPSA awards IP3 stalwart

At the President's Awards Dinner in Johannesburg in November, IITPSA (in partnership with EE Publishers) presented Dr Jackie Phahlamohlaka with the Distinguished Service in ICT Award. Jackie is a renowned academic, currently the Competency Area Manager at the CSIR and former Chair of Technical Committee 9 (TC9). His work on the use of ICT in peace and war continues to draw much academic interest in South Africa and internationally. Jackie is also awarded the honorary designation of Fellow of IITPSA.

World Summit for Information Society (WSIS)

The next WSIS will be held from 8 to 12 April 2019 in Geneva, and IP3 will host a Thematic Workshop, as we have done since 2012. We will share more about the content later – read IFIP Insights for news about this.

TFC2018 "Automated Invention for Smart Industries", Oct. 29th-31st Co-organized with WG5.4

From 29 to 31 October, the eighteenth TRIZ Future 2018 conference was held in Strasbourg - France at the *INSA Graduate School* of Science and Technology. This conference, co-organized with the Working Group 5.4 (Computer Aided Innovation) of IFIP's TC5, brought together 117 people and featured 55 scientific and industrial papers. The scientific proceeding is available at Springer and the professional articles available via the conference website (tfc2018.fr). TFC has the particularity of bringing together as many industrialists as researchers and this year, the leitmotiv of the conference was "automated invention for smart industries". Five keynotes and two tutorials were given during 3 days, so we could have had remarkable interventions from the Vice-President of Samsung Electronics Dong-Seob Jang and the GE Aviation Quality Manager Martha Gardner alongside with keynotes from Julian Vincent, Daniel Sheu and Valeri Tsourikov. All have addressed the theme of the conference through the prism of their industrial activities or research. Thus from bio-mimicry to artificial intelligence and the problems of industrial diffusion of practices in their field, all these subjects have been discussed during these 3 days.

Let us note the particularity this year of having created a "software corner" where 7 original software creations resulting from research teams have been presented as well as 2 fun games for Inventive Design learners.

The conference was sponsored by the Eurometropolis and the Grand Est Region, as well as by the TRIZ France association. On the institutional side, alongside IFIP, there are the University of Strasbourg and the ICube laboratory as supporters of this conference.

Finally, 3 young researchers received a sponsorship from IFIP for their participation from developing countries. While one of them: Fatima Benmoussa received the award for the best paper of the conference. Congratulations to these young researchers who are most likely a source of talent for the next generation of our community.

ESOCC 2018

A successful edition for ESOCC 2018, the IFIP Flagship conference of WG 2.14/6.12/8.10 Service Oriented Systems, held in Como Italy in September. The European Conference on Service-Oriented and Cloud Computing (ESOCC) is the premier conference on advances in the state of the art and practice of Service -Oriented Computing and Cloud Computing in Europe. This year, a special focus has been given to Service and Cloud Computing in the era of virtualization and Business Process Management in the Cloud. In addition to the main research track and three workshops, this edition hosted a very interesting industrial session with a panel where several industries participated to discuss about the impact of service and cloud computing and a session where more than ten EU Project showcased their final or intermediate results. Special mention is given to the Ph.D. Symposium where nine Ph.D. students had the opportunity to share their research with a panel composed of several senior researchers. Thanks to IFIP TC2, ESOCC has been selected to grant the 2018 "Paul Manfred" Award: the award was given to Antonio Brogi, Andrea Canciani, and Jacopo Soldani from University of Pisa for their work titled "True Concurrent Management of Multi-component Applications". Moreover, Justus Bogner received a special award for his junior career achievement described in his paper titled "Towards an Evolvability Assurance Method for Service-Based Systems", as part of the Ph.D. Symposium sponsored by University of Milano-Bicocca.

NITC-2018 concludes with highly successful

National IT Conference-2018 (NITC-2018), under the theme *"It Changes Everything"* which was organized by Computer Society of Sri Lanka (CSSL) for the 36th consecutive year was successfully concluded at Shangri-La Hotel, Colombo Sri Lanka last week. His Excellency the President Maithripala Sirisena was the Chief Guest while the Minister of Telecommunications, Digital Infrastructure and Foreign Employment, Hon. Harin Fernando was the Guest of Honour at the NITC Conference. A highlight of the event was the CSSL ICT Awards, which were presented by His Excellency the President Maithripala Sirisena.

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. The CSSL organizes the National Information Technology Conference (NITC) annually, which is the flagship ICT event in Sri Lanka. NITC-2018 event involved 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 1600 plus ICT professionals.

The Minister of Telecommunications, Digital Infrastructure and Foreign Employment, Hon. Harin Fernando was the Guest of honour at the NITC-2018 inauguration ceremony held at the Shangri-La Hotel, he stated that "CSSL, NITC has been a regular feature on the ICT calendar and has played a significant role in the world of IT. The theme this year, *"It Changes Everything"* is very much in line with the current world trends and our digital plans for the country"

IOit was noted at the conference that IT has become such an important component of our lives at work place, at home etc. that without IT we will not be able to survive. Today professionals from all sectors such as Agriculture, Logistics & Transport, Fisheries, Health, Education, Telecommunication, Power & Energy, Finance & Banking, Manufacturing & Trading, Tourism, Engineering, Architects, and Law etc. should have IT skills to excel in their Career. The conference deliberated how these changes can be used to improve the human life. The government objective according to the Hon Minster Harin Fernando is to see this sector providing employment for over 300,000 people while it earns an annual export revenue of USD 5 billion by 2022.

CSSL ICT Award 2018 were also presented at the NITC 2018 inauguration by His Excellency the President Maithripala Sirisena.

Speaking at the ceremonial inauguration of NITC–2018, Yasas V. Abeywickrama President of CSSL said that it was pleasing to up lift NITC to its current level, with a great line of speakers, over 1600 participants across all parts of the conference, His Excellency President as Chief Guest and the conference at Shangri La hotel. He also stated that CSSL was able to organize Sri Lanka's Biggest Ever International ICT event last year around the General Assembly of International Federation for Information Processing (IFIP) together with NITC 2017, SEARCC Conference 2017 and International Schools Software Competition 2017.

The Conference was organized under the leadership of Mr Yasas V Abeywickrama, President CSSL. The Conference Chair was Dr Parakum Pathirana while Dr Malitha Wijesundara led the academic component of the conference. CSSL VP Mr Prabath S Wickramaratne, CSSL Past President Mr Chrisantha Silva, CSSL Student Counselor Prof Samantha Thelijjagoda, CSSL Past President Dr Dayan Rajapakse, Secretary Damith Hettihewa, Treasurer Dr Ajantha Athukorala, Council Members Sajith Sameera, Buddhika Senasekara, Enosh Praveen and Heshan Karunaratne, and subcommittee members organized the conference together with CSSL Staff. The event had many sponsors including Lanka Clear, People Bank and SalesForce as Gold Sponsors while CryptoGen, SLIIT, Australian Migration Centre, EduScope.Live, Mobitel, FriMi, Scienter, Exabeam, Ovinway, iPay and Career Builders also joined in as sponsors.

ICTA Agency of Sri Lanka (ICTA) was the National Partner of the conference.

CSSL ICT Awards

The Computer Society of Sri Lanka (CSSL) is the premier organization dedicated to promoting and improving professional standards in the Information and Communication Technology sector since 1976. CSSL ICT Awards is an award ceremony conducted with the view of recognizing and motivating those who have served the ICT industry in Sri Lanka. These awards intend to encourage, recognize and celebrate excellence in ICT practice by rewarding the best and the finest of ICT Professionals. The final selections were made by a panel of experts from the ICT industry as well as academia.

ICT Awards 2018 was organized by CSSL for the sixth consecutive year and was held in parallel with the inauguration of its National IT Conference 2018 (NITC 2018). His Excellency President Maithripala Sirisena was the chief guest. Hon Minister Harin Fernando was the guest of honor and 400+ distinguished invitees and ICT professionals participated in the event. The event was held at the main ballroom of Shangri-la Hotel Colombo on the 2nd of October.

This year, CSSL ICT awards recognized for eight best performers of the year that includes ICT professionals, ICT Academics, ICT students and a

Yasas Abeywickrama presenting Proceedings Book of NICT 2018 to HE President Maithripala Siririsena

start-up as evident below. Prof. Samantha Thelijjagoda, student Counselor/ Executive Council Member of CSSL, chaired the project with the guidance of Mr. Yasas V. Abeywickrama, the President of Computer Society of Sri Lanka.

The judging panel of CSSL ICT awards 2018 included –

Mr Shanta Yapa –Past President of Federation of IT Industry Sri Lanka (FITIS)

Mr. Geethapriya Tillekaratne – Past Chairman, BCS -Sri Lanka Section

Ms Sandra De Zoysa – Member of the board of Directors-SLASSCOM

Mr Ahamed Nishadh –Representative from ICT Agency Sri Lanka

Mr Prabath Samindra –Vice President of CSSL

Prof. Samantha Thelijjagoda –Project Chair, CSSL ICT Awards

The winner of CSSL ICT Student award –School category is **Mr Ashan Hansaka Rathnaweera.** Ashan is a student of Ananda College who will be facing GCE A/L examination this year. He received his primary education from H/Vijayabha National School. He has contributed his work as the Vice President of Ananda College ICT Society from year 2016 to 2017. He has won number of ICT awards including National School Software Competition GOLD award 2 times and also he has participated in the International Olympiad in Informatics 2 times. Recently he won the silver award of the International School Software Competition held in Australia.

CSSL ICT STUDENT of the year (Undergraduate Category) won by Mr. Kugathasan Janarthanan. He is a final year student of SLIIT, following BSc(Hons) in Computer Systems and Network Engineering with a 3.93/4.00 cumulative GPP. He is also an undergraduate trainee working at IFS R&D from his 1st year of studies. He has won "IFS-SLIIT" scholarship, IET student prize, NBQSA Award, Codefest Merit Award, and the finalist of cisco hackathon events (2017 & 2018). Also, he is a recipient of many academic scholarships from SLIIT.

CSSL ICT Researcher of the Year is Dr. Kanagasundaram Ahilan. He is a Senior Lecturer attached to the Faculty of Engineering, University of Jaffna. He obtained his B.Sc Eng Degree with first class from University of Peradeniya and his PhD in Computer Science from the Queensland University of Technology, Australia. He worked as a machine learning and speech processing researcher at SAIVT lab, Queensland University of Technology, Australia from October 2014 to July 2016.

He currently involves in a number of projects, including improving the speaker verification systems using deep learning approaches and forecasting solar power generation by analysing weather data. He was also awarded with NVIDIA gpu grant, university research grant, Australasian Speech Science and Technology Association (ASSTA) travel award and ASSTA new researcher award.

CSSL ICT Educator of the year is Prof. Nihal Kodikara. He received his first degree B.Sc. from University of Colombo in 1979 and then joined the academic staff of the Faculty of Science, University of Colombo. He obtained his postgraduate degrees M.Sc. in Computer Science and Ph.D. in Computer Science from University of Manchester, U.K. in 1984 and 1989 respectively. He has about 38 years of undergraduate and 35 years of postgraduate teaching experience.

CSSL Best Start-up of the Year was awarded to Jendo Innovations (pvt) ltd. Jendo is a non-invasive health monitoring technology for detection of endothelial dysfunction which leads to cardiovascular diseases. It uses temperature and PPG signal measurements and operates on a cloud-based platform to predict disease risk. Jendo can be used as a screening test in developing countries, allowing timely diagnosis of disease and reduced healthcare expenses.

Jendo Innovations won the award for Sri Lanka's most promising tech startup at Seedstars Colombo event in 2017, Best startup at John Keells X Open Innovation Challenge in 2016 and was among the top 10 innovations at the Cambridge Innovation Forum.

CSSL Emerging ICT Leader of the Year is Mr Keerthi Kodithuwakku. Keerthi is the founder and CEO of two successful Sri Lankan startups; Effective Solutions and Jendo Innovations, specializing in IoT solutions and biomedical research and development, with operations in Japan and UK. He is a graduate in electronic and telecommunication engineering and the founder of the Entrepreneurship Society in University of Moratuwa.

CSSL CIO of the Year was awarded to Dr. Prasanna Lokuge. Dr. Lokuge is a holder of a PhD in Artificial Intelligence awarded by Monash University, Australia, and counting over 25 years of hands on experience in the IT industry with a proven track record of both local and international achievements. A Strategic planner, a proven innovative thinker. Served as a Corporate Management Team Member, Senior Director, Senior Technical Consultant for World Bank and ADB funded projects, Senior Solution Architect, Systems Engineer, BI consultant, Program & Project Manager in key sectors in Sri Lanka, Australia, France, Korea, China, Malaysia, Vietnam and Hong Kong and currently working as the Director – IT, Sri Lanka Ports Authority.

Dr. Prasanna Lokuge awarded as CIO of the Year

CSSL ICT Leader of the Year is Mr. Kanishka Weeramunda. He is having over 17 years of ICT experience and 4 years in the financial technology domain and eco-system support. He is the Founder and CEO of PayMedia (Pvt) Ltd. He was titled as the 'Most Valuable ICT Entrepreneur' in 2015 and was recently awarded with the 'Best CEO of the year' and the 'Future Leader of the Year'. He is a trainer for the EU – Sri Lanka trade related assistance, organized by the International Trade Centre (ITC) and UNIDO and has been a mentor for many successful start-ups. Kanishka is well recognized as a thought leader in the fin-tech industry. He is a graduate from the University of Colombo in Bachelors of Information Technology, holds an MBA and an MSc in HR and chartered IT professional from the institute of Chartered IT professionals in UK.

Sustainable ICT, Education, and Learning 2019
IFIP WG 3.4 working conference in collaboration with other TC3 WGs

Welcome to SUZA'19 – an IFIP TC3 conference that aims to address sustainability issues on ICT, Education, and Learning to be held in Zanzibar in April 2019.

The conference is organized on 25th – 27th April, 2019, in Zanzibar,Tanzania. at Sea Cliff Resort & Spa Zanzibar.

TC3 is the technical committee for Education, and WG3.4 is for Higher, Professional and Vocational Education in ICT. Organizers are the University of Tampere, Finland in collaboration with the State University of Zanzibar.

Call for papers

We invite contributions (theoretical, applied and practice case studies) that show how the design and implementation of ICT or informatics education and learning at different levels of the educational system can enhance sustainability of ICT4D initiatives in Southern countries. Topics and related questions of interest for the track include the following but are not limited to:

- Theoretical or methodological approaches for understanding informatics education design and implementation.
- Design of IS curriculum
- Peer and collaborative learning in informatics
- Pedagogical approaches to teaching specific informatics courses
- Case studies of workplace learning related to information systems
- Information systems competencies in workplace settings
- Case studies of E-learning related to information systems
- The importance of human-computer interaction in ICT education
- Human-centered design and evaluation in ICT education
- Usability and User Experience in E-learning
- Ecosystem approach to ICT4D and education
- Identifying limitations in I, C & T skills and finding capacities
- Intersections between ICT4D and information intensive areas (health care, services etc)
- Best practices in multisector/discipline approaches in capacity building
- Exploring buy-in and sourcing to use information and ICT
- ICT4D and data utilization in decision-making
- Regional and local educational policies to promote IT adoption at schools
- Alternatives for school managers to promote IT in administrative and teaching tasks
- Digital technologies and social inclusion
- Mobile technologies and social networks
- Case studies of communities of practice powered by technologies
- Digital Literacies for the mobility of labor and capital
- Closing the gap: women and girls in ICT
- Case studies of ICT contributing to sustainable social futures

Extended abstracts (3-4 pages) should be sent by Jan 15, 2019.
Decision about acceptance to authors is sent by 15 Feb, 2019

Full papers (8-10 pages) for the use of a preceding /book of abstracts/papers by 15 March 2019
Final proceedings of selected papers will be published after the conference

The submission Web page for SUZA2019 is
https://easychair.org/conferences/?conf=suza2019

The keynote speakers include Mr. Aape Pohjavirta who will talk about **Mobile learning – successful cases from developing countries.** Mr. Aape Pohjavirta is the Chief Evangelist and Founder of Funzi, a mobile learning and information service for the emerging markets. In that role, he has become a recognized industry leader with a vision on how science, technology, and innovation will contribute to the achievement of the 2030 Agenda for Sustainable Development.

We wish to invite all teachers, researchers, students, entrepreneurs and policy makers to discuss our common challenges in digitalization and education!

Conference chairs:

Prof. Mikko Ruohonen, University of Tampere, Finland, Dr Nicholas Mavengere, Tampere University of Technology, Finland, Dr. Jaana Holvikivi, Metropolia University of Applied Sciences, Helsinki, Finland

Conference website: https://suza2019.org/

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

Wireless On-demand Network systems and Services http://2019.wons-conference.org	**WONS**	**22/01-24/02 2019 Wengen, CH**	**IEEE Comsoc**
5th International Workshop on Quality-Aware DevOps (QUDOS 2019) Joint with the 4th Workshop on Continuous Software Engineering http://2019.qudos-workshop.org/	**CSE-QUDOS**	**26/03-26/03 2019 Hamburg, DE**	**IFIP WG2.14 / IFIP TC2**
2019 Wireless Days http://wirelessdays2019.net/	**WD**	**24/04-26/04 2019 Manchester, GB**	**IEEE Communications Society**
Sustainable ICT, Education and Learning 2019 http://www.suza2019.org	**SUZA2019**	**25/04-27/04 2019 Zanzibar, TZ**	**Tampere University / IFIP TC3**
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**
International Symposium on Environmental Software Systems 2019 http://www.isess.net	**ISESS 2019**	**07/05-09/05 2019 Southampton, GB**	**Wageningen University**
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**
IFIP Networking 2019 https://networking.ifip.org/	**NETWORKING 2019**	**20/05-22/05 2019 Warsaw, PL**	**IFIP TC6**
15th Artificial Intelligence Applications and Innovations 2019 http://easyconferences.eu/aiai2019/	**15th AIAI 2019**	**24/05-26/05 2019 Kos island, GR**	**IFIP WG12.5**
The 17 Internation Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks http://www.wi-opt.org	**WiOpt 2019**	**27/05-31/05 2019 Avignon, FR**	**IEEE Control Systems Society, IEEE Information Theory Society**
The 17th International Conference on Wired/Wireless Internet Communications http://wwic2019.nws.cs.unibo.it	**WWIC 2019**	**17/06-19/06 2019 Bologna, IT**	**University of Lorraine / Karlstad University / National Research Council of Italy**
International Federated Conference on Distributed Computing Techniques http://www.discotec.org/2019	**DisCoTec**	**18/06-21/06 2019 Kongens Lyngby, DK**	**IFIP WG6.1 / IFIP TC6**
Network Traffic Measurement and Analysis Conference 2019 http://tma.ifip.org/2019/	**TMA 2019**	**19/06-21/06 2019 Paris, FR**	**IEEE (ComSoc Technical Sponsorship) /ACM SIGCOMM**

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

ICT Unbounded: Social Impact of Bright ICT Adoption https://www.ifipnews.org/ifip-wg-8-6-working-conference-portsmouth-june-2018/	IFIPUG2019	20/06-21/06 2019 Accra, GH	IFIP WG8.6 / Kwame Nkrumah University of Science and Technology
International Conference on New Technologies, Mobility and Security http://www.ntms-conf.org/ntms2019/	NTMS	24/06-26/06 2019 CANARY ISLANDS, ES	CNRS France / LIP6, EFREI Paris
25th International Workshop on Cellular Automata and Discrete Complex Systems https://automata2019.wordpress.com/	AUTOMATA 2019	26/06-28/06 2019 Guadalajara, MX	IFIP WG1.5 / IFIP TC1
12th International Conference on Graph Transformation https://sites.google.com/site/icgt2019/	ICGT 2019	15/07-19/07 2019 Eindhoven, NL	EATCS
21st IFIP WG 1.02 International Conference on Descriptional Complexity of Formal Systems http://im.saske.sk/dcfs2019/	DCFS 2019	17/07-19/07 2019 Kosice, SK	Slovak Society for Computer Science / VSL Software, a.s / Kosice City / Scientific Grant Agency VEGA
9th IFAC Conference on Manufacturing Modelling, Management and Control MIM 2019 http://www.mim2019.com	MIM 2019	28/08-30/08 2019 Berlin, DE	IFIP WG5.7 / IFIP TC5
Advances in Production Management Systems https://www.apms-conference.org	APMS	01/09-05/09 2019 Austin, US	IFIP WG5.7 / IFIP TC5
IFIP TC.13 International Conference on Human-Computer Interaction https://interact2019.org/	INTERACT 2019	02/09-06/09 2019 Paphos, CY	IFIP TC13
I3E 2019, e-Business, e-Services, e-Society http://i3e2019.com	I3E	18/09-20/09 2019 Trondheim, NO	IFIP WG6.11 / IFIP TC6
20th IFIP/Socolnet Working Conference on Virtual Enterprises http://www.pro-ve.org	PRO-VE 2019	23/09-25/09 2019 Turin, IT	SOCOLNET - Society of Collaborative Networks
2019 IFIP WG 8.11/11.13 Dewlad Roode Information Security Workshop https://ifip.byu.edu/	DRW	04/10-05/10 2019 Bossier City, LA, US	IFIP WG8.11 / IFIP TC8
4th IFIP Conference on Information Technology in Disaster Risk Reduction http://itdrr.unwe.bg/	ITDRR-2019	09/10-10/10 2019 Kyiv, UA	IFIP TC5