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# News

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September 2017

<http://www.ifip.org>



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

## Call for Papers

### First cross-domain

## IFIP Internet of Things (IoT) Conference

18-20 September 2018

IoT is hot. Experts and organizations are addressing the topic in policy statements, papers and conferences. There are many aspects to be looked at when talking about IoT. Earlier developments were quite focused on the lower level aspects such as interfacing, communication protocols and standards, base platforms, energy efficiency and energy harvesting, smart devices and smart sensors, etc. With the exponential growth of the number of devices and sensors connected to Internet and their increasing levels of embedded intelligence, other relevant challenges emerge, including organizational structures, collaborative cyber-physical ecosystems, end-user development, self-organizing systems, distributed decision making, collective adaptive and cognitive systems, behavioural models, systems resilience, handling big data, etc. The IFIP Internet of Things (IoT) Conference as part of the IFIP WCC 2018 addresses this wide variety of aspects. Papers will show technical advancements, research on major questions, policy issues, and so on.

Perspectives will be from the people and organizations involved (users, ICT professionals, user organizations, ICT industry, authorities / regulators) but also from the phase of an IoT system or component (development, production / manufacturing, implementation, maintenance, management, use).

We invite you to submit papers to this conference.

### Main topics of interest (non-exhaustive list)

- Technical issues and challenges
- Legal issues (incl liability)
- Ethical issues

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- Education, training, awareness
- End-User Development
- Usability and accessibility
- Context-dependent applications
- Environmental issues
- Organizational and collaborative structures
- Risks, Privacy, Security, and Resilience issues
- Impact on persons and society
- Novel applications and business models
- Professionalism / duty of care
- Etc.

## Submission Guidelines

Submitted papers must be original, unpublished, and not submitted to another conference or journal for consideration. Accepted papers will be presented at the conference and included in the conference proceedings published in the IFIP Advances in Information and Communication Technology ([AICT](#)) series by Springer Science and Business Media.

All papers must be written in English. Submissions should be at most 16 pages long in total including references and appendices. Submissions should not be anonymized. Program Committee members are not required to read the appendices, so the paper should be intelligible without them.

Authors must follow the [Springer formatting instructions](#). Each paper will receive at least 3 reviews. At least one author of each accepted paper must register by the early registration date indicated on the conference website and present the paper.

For paper submissions go to <https://easychair.org/conferences/?conf=ifipiot2018>

## Important dates

- Submission due: 15 March 2018
- Notification of acceptance: 15 May 2018
- Deadline for final version: 15 June 2018

Contact

Leon Strous, [strou@iae.nl](mailto:strou@iae.nl)

Congress website <http://wcc2018.org> (alternatively <http://wcc2018.put.poznan.pl>)

## **NITC/SEARCC Conference and IFIP Meetings Wrap up Successfully in Colombo**

**Wednesday 20 September 2017 – Colombo, Sri Lanka** – Nearly 1,000 people took part in last week's highly successful NITC/SEARCC Conference and preceding IFIP/SEARCC meetings in Colombo.

IFIP, the global federation of national computer societies, and SEARCC, its SE Asian regional counterpart, both held annual general meetings for their key executives and decision-makers in the lead-up to the Computer Society of Sri Lanka's (CSSL) National IT Conference (NITC), which was held in cooperation with the SEARCC Conference.

The six-day event attracted 100 international delegates from almost 50 different countries around the world, including 20 overseas speakers who shared their knowledge and experience in different ICT-related disciplines.

Keynote speaker and SEARCC President, Professor Nick Tate discussed valuable strategies to help CIOs successfully navigate today's highly complex and challenging environment, while entrepreneur Mark Lloyd highlighted the vital role commercial lighting is starting to play as an emerging network and integrated application platform.

CSSL President, Yaras V. Abeywickrama said the multi-faceted event also included an academic stream and a two-day programming competition involving 25 high school students from around the world, in which a Taiwanese team emerged victorious.

"The diversity of activities and large number of international guests and participants made this the largest international ICT event ever staged in Sri Lanka," he said.

"The feedback has been overwhelmingly positive and we are pleased to have provided an opportunity for local businesses and government agencies to tap into the knowledge and expertise of our international speakers and delegates, and create opportunities for future collaboration."

A highlight of the event was the CSSL ICT Awards, which were presented in the following categories to:

- CSSL ICT Student award –School category - Pasindu Chathuranga Wijesena
- The CSSL ICT Student award-Undergraduate category - Keet Malin Sugathadasa
- CSSL ICT Researcher of the year - Dr. Lakshman Jayarathna
- CSSL Emerging ICT leader of the year - Mohamed Shehan
- The Best start-up of the year - LIVEROOM
- CSSL CIO of the year - Udana Wickramasinghe
- CSSL ICT Leader of the year - Dulith Herath

SEARCC International Awards 2017 were also presented during this event and winners were:

- ICT professional of the year - Professor Gihan Dias (Sri Lanka)
- ICT researcher of the year - Professor Han-Chieh Chao (Peoples republic of China)
- ICT Educator of the year - Dr. Siddhartha Bhattacharyya (India)

## CSSL Announces ICT Awards 2017 Winners

CSSL ICT Awards 2017 is the annual Information Communication Technology (ICT) industry Awards ceremony organized for the fifth consecutive time by the Computer Society of Sri Lanka (CSSL) in order to encourage, recognize and celebrate the excellence in ICT practice by rewarding the best and the finest of ICT professionals. The project was lead by Prof Samantha Thelijjagoda, student counselor/Council Member of CSSL.

For these ICT Awards, CSSL first called nominations and applications and then conducted the selection by a panel of experts from the ICT industry as well as academia.

**The winner of CSSL ICT Student award –School category** is Pasindu Chathuranga Wijesena from Ananda College Colombo. He entered to the Ananda Collage after grade 5 scholarship examination, after having primary education at Kahawatta Primary School, Kahawatta. He has taken part and won the gold at the following major national level contests including:

1. Sri Lankan Olympiad in Informatics - 2016 and 2017
2. National Schools Software Competition - 2015
3. Sri Lanka Science and Engineering Fair - 2013

He has represented Sri Lanka at many international events.

**The CSSL ICT Student award-Undergraduate category** was won by Keet Malin Sugathadasa of University of Moratuwa.

He is a product of the Department of Computer Science and Engineering, University of Moratuwa. As an emerging young student in the field of research, he has an interest in areas related to Machine Learning, Natural Language Processing and Cyber Security. He has excelled well in academics, resulting in being the top of the batch for consecutive years maintaining the cumulative GPA 4.05 out of 4.2. He won awards at many national and international competitions such as Google I/O 2016, Cakelabs IoT Hackathon, IESL YMS Hackathon Fiontraï 2016, Cima Launchpad 2016, Yarl Geek Challenge, Hackadev 2015 and AirAsia Air-volution 2017, bringing glory to the university as well as to the country.

**CSSL ICT Researcher of the year** is Dr. Lakshman Jayarathna.

He is a Senior Lecturer attached to the University of Colombo School of Computing (UCSC). He obtained his B.Sc (Hons) in Computer Science from the University of Colombo and his PhD in Computer Science from the University of Western Sydney, Australia.

He is currently the principal investigator of the Automated Content Based Audio Music Monitoring Approach for Radio Broadcasting Channels in Sri Lanka, in which his team is investigating an approach to identify songs for radio channels in Sri Lanka in order to ensure the intellectual property rights of the song creators. Further, he is currently the principal investigator of the Computational Approach to Train on Music Notations for Visually Impaired in Sri Lanka where his team is using music notations to enable visually impaired musicians to overcome the barriers they had in learning music, most highlighted in reading and regenerating music notations.

**CSSL Emerging ICT leader of the year** was awarded to Mr Mohamed Shehan.

He is a young entrepreneur, creative thinker interested in finding innovative solutions for the benefit of differently able people such as hearing impaired, visual impaired since the world today has not created much products or innovations that could solve their basic day to day problems. He has initiated many projects and the "I-chum" (a high tech glass for visually impaired people), "Twig- Gab" (a wearable device for

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hearing impaired people) and “Dream Spawn” (a high tech device for controlling the dreams) are the top innovations, expected to add high value to the society.

**The Best start-up** of the year is LIVEROOM.

This is a startup based in Colombo which specializes Augmented Reality and Virtual Reality platform developments. The company’s main product is a cloud based sales and marketing platform powered by the latest augmented reality technology to support online sales. This company started through a final year project when the founders, Sameera Nilupul and Chameera Wijebandara were at the university.

Few achievements of the company:

- Represented Sri Lanka at “4 Years From Now” (4YFN) 2016 and 2017 Barcelona, Spain
- Represented Sri Lanka at “Innov-Fest unbound 2016” at Singapore
- Finalist at “Unilever Startup Battle”, Singapore in 2016
- Among Top Three Startups to use “Google Tango Technology”, Paris
- One of the 57 rising Startups from Asia announced by
- e27 and Startup Tracker
- Winner at e-Swarnabhimani competition organized by ICTA
- One of the top 3 startups at Lenovo Tango challenge held in Spain 2016

**CSSL CIO** of the year is Mr Udana Wickramasinghe

He is a seasoned Digital cum Business Executive who has provided effective stewardship for local and global organizations. He started his career in banking and moved into IT which helped him to gain significant experience in both digital and business arenas. He has over 22 years of experience, with 11+ at the C-level, in Sri Lanka, UK and Australia with an operational footprint covering territories including other European countries and emerging markets. He is currently serving as the Director and CIO for Sri Lanka Tourism where he oversees operations of three key organizations including Sri Lanka Tourism Development Authority, Sri Lanka Tourism Promotions Bureau, and Sri Lanka Institute of Tourism and Hospitality Management or formerly known as the Colombo Hotel School.

**CSSL ICT Leader of the year** is Mr Dulith Herath.

He is the award-winning founder and Chairman of Kapruka and serial entrepreneur. In just over 11 years of operation, Kapruka has evolved by leaps and bounds, scaling from a humble website running on a laptop to a billion-rupee icon of success and disruptive innovation. As a renowned corporate personality in the business world beyond local boundaries, he is enriched with expertise and experience to guide, mentor and motivate the youth to be un-paralleled and un-wavering entrepreneurs to drive Sri Lanka towards one of the most exciting and dynamic economies.

Awards were presented at the inauguration of National IT Conference 2017 that occurred recently at Galadari Hotel, Colombo.

## Technology Governance – Its Time has Come

By Azhar Zia-ur-Rehman [azharzr@rehmaniyah.com](mailto:azharzr@rehmaniyah.com)

Every enterprise today depends on technology, or rather a set of technologies. 'Information technology' is just one of these technologies but it gets the most attention. In fact, the set of technologies that any enterprise employs can be divided into three 'streams' – the 'industrial technology', the 'business technology' and the 'information technology'. No business, however small, can be run without its 'industrial technology'. The other two streams of technology complement the industrial technology and make the business efficient, competitive and unique. An enterprise should be conscious of the set of technologies that it employs and should implement processes to govern them. Technology governance is composed of 8 basic processes.

**Technology watch** -- keeps track of changes in technology in all the three streams and assesses them for relevance and usability and their possible impact on business.

**Industry watch** – keeps track of what other players in the industry, not just direct competitors, are doing in the three streams of technology. In the modern world, competition may emerge from anywhere and in any shape.

**Industrial espionage** can be in many forms. In the simplest legal form, competitors lure away employees who have developed or implemented new technologies in their companies. Other 'not-so-legal' forms may be bribing employees or suppliers or doing cyber surveillance to gain knowledge of technology activities by a competitor.

**Innovation** – after identifying relevant changes in any stream of technology, the enterprise should innovate the use of the new technology in its business and come out with solutions that may or may not be practical or feasible.

**Technology adoption** – the enterprise should determine the feasibility, immediate or deferred, of the solutions brought out in the innovation process and design ways of their adoption. The impact of this adoption on all aspects of the business must be assessed.

**Technology safeguarding** – the enterprise should protect the leakage of information related to the technologies it has learned of, developed, adopted or retired.

**Technology Retirement** – the enterprise should keep an eye on the technologies it is using for the feasibility of their continued usage and retire them when they cease to be useful.

**Technology management** – the processes of 'technology watch', 'industry watch', 'industrial espionage', 'innovation', 'adoption' and 'safeguarding' are very closely interlinked and inter-dependent. They may be spread over different departments, or even different companies in the case of conglomerates. A coordination and management of these processes is very necessary to get optimum results.

Details on technology governance can be read in the first ever book on the subject – *Technology Governance – Concepts and Practices* ISBN 978-1524678159 published from London and available at Amazon.

# IP3 News



## From the Chair

I was honoured to be elected as the new Chair for IP3. I realise I have a hard act to follow (as the saying goes), succeeding Brenda Aynsley. Brenda is a great leader, and has over the past six years, inspired the board and members to devote time, passion and energy to promote the Partnership. She has helped market IP3 and IFIP, and steps down from the chair with IFIP IP3 in a much stronger position than before. She deserves thanks and applause from the entire IFIP and IP3 community.

We held the IP3 Annual General Meeting on 11 September, and both Brenda and Adrian Schofield (Vice-Chair SAC) attending remotely using Zoom. Akira Shibata (IPSJ) and Moira de Roche (IITPSA) were elected as board members, and Raymond Morel was elected from the floor. Brenda (ACS rep), Bashir Fancy (CIPS rep), and Anthony Wong (IFIP rep) remain on the board, and Stephen Ibaraki and Adrian Schofield are co-opted board members.

At the board meeting immediately following the AGM, Moira was elected as Chair, Stephen and Adrian remain as Vice-chairs (Strategic relations and SAC respectively). Brenda holds office as Immediate Past Chair. The board decided not to appoint a Deputy-chair at the meeting but will consider this appointment during the coming year.

## Brenda's final activities as Chair

Sadly, Brenda was unable to join us in Colombo for the IP3 meetings and IFIP GA, for health reasons. She did however hold several meetings in Europe in June and July, after WSIS in June. Brenda was a High-Level facilitator for one of the tracks at WSIS, and presented on Trust and the Duty of Care in the IFIP IP3 Thematic Workshop. Her European meetings included engagements with CEPIS, GI, and BCS. She also took the opportunity to catch up with Leon Strous.

Detail about Brenda's meetings in Europe and our WSIS participation can be found in the IP3 Annual Report which can be downloaded [here](#).

## IP3 Action Plan for 2017/2018

IP3 held a face-to-face meeting in Colombo from 10 to 11 September. Following a short session with reports from office bearers and member societies, we focused on reviewing and updating the plan we compiled last year in November. In summary, the plan of work going into 2018 is:

- ◆ Articulate **value** of IP3 certification program – this should be formulated in such a way that it resonates with all potential partners and stakeholders.
- ◆ Administer a prize for a relevant project – target WCC 2020. IP3 will consider various categories, that resonate with our key projects and activities.
- ◆ Improve gender equality – IP3 will work with IFIP Technical Committees, and special projects, as well as external organisations such as ITUs “Equals” programme. This is not so much a single activity as an ongoing quest to collaborate to improve gender equality.
- ◆ Continue iDOCED campaign (IFIP Duty of Care in Internet of Everything Digital)
- ◆ Update 2020 Skills Report developed by GIC – addenda on Cyber-Security & Digital Skills
- ◆ Presentation program – present a co-ordinated message on iDOCED at IGF2017 (December), WSIS2018 (March) and WCC2018 (September). (Thanks to Raymond Morel for promoting this).

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## **IP3 to develop and maintain Cyber-Security specialism**

ACS have developed a framework for this specialism, working in partnership with ISACA and ISC<sup>2</sup>, and are prepared to share the framework with IP3. We believe this is an essential add-on to the Professional (IP3P) and Technologist (IP3T) level certifications for the ever-growing number of people who are working in this field. Only practitioners who have already been certified for IP3P or IP3T by an accredited member society will be eligible to add this specialism to their certification.

IP3 will undertake to maintain and update the framework regularly.

## **IP3 at NITC2017 and SEARCC2017 conferences**

Several IP3 board members attended some of these conference sessions.

Moira and Ulandi Exner (IITPSA President) presented to NICT on “Responsive and Reliable leadership”. Moira replaced Brenda Aynsley at SEARCC and presented “So you think you can trust me?” which explored the reasons why everyone has a duty of care in a Digital World. This presentation formed part of the iDOCED program.

## **Vice-Chair Strategic Relations (Stephen Ibaraki)**

Stephen will be presenting as part of a select invited panel for three hours at the historic meeting of the UN General Assembly Second Committee and Economic and Social Council, the two chartered bodies of the UN. He continues his work with UN ITU as well. Please read about his many activities in the Annual Report, and take special note of his request for content for the ITU journal. Stephen conducts interviews annually that appear with IFIP in support of IFIP or IP3. If you would like to suggest a person to be interviewed, or would like to be interviewed yourself, please e-mail [editor@ipthree.org](mailto:editor@ipthree.org) who will pass it on to Stephen for consideration.

## **Accreditation News**

Adrian Schofield and the Standards and Accreditation Committee (SAC) were pleased to receive an application for accreditation from IPSJ. The IP3 board, on the recommendation of SAC have approved the application and the resulting accreditation visit which is scheduled for Q1 2018. IP3 would like to thank IPSJ for the professional translation of all the documentation as required.



# 2<sup>ND</sup> IFIP CONFERENCE ON INFORMATION TECHNOLOGY IN DISASTER RISK REDUCTION ITDRR 2017

SOFIA, BULGARIA  
OCTOBER 25 - 27<sup>TH</sup>, 2017  
[HTTP:// ITDRR.UNWE.BG/](http://ITDRR.UNWE.BG/)

The effects of disasters are very serious and the destruction caused may take a very long time to recover. Related damage is severe and it may cause relief expenses of billions of euros. With the increase of natural disasters that have occurred in the past years, it is expected their frequency will continue to increase in the coming years.

Due to disaster risk reductions multidisciplinary nature, people from various backgrounds, such as industry, diverse geographical and global settings, not-for-profit organization backgrounds, agriculture, marine life, welfare, risk management, safety engineering and social networking services will be included.

At present, at global and national levels, a wide range of multiple scientific and scientific-applied research activity in the area of disaster risk reduction concerning individual types of disasters is conducted. Modern information and communication technologies can facilitate significantly the decision-making processes from the point of view of disaster risk reduction.

ITDRR-2017 provides an international forum for researchers and practitioners to present their latest R&D findings and innovations. The conference is especially focused on the various IT aspects and challenges of coping with disaster risk reduction. ITDRR-2017 invites experts, researchers, academicians and all other who are interested to disseminate their work. The conference establishes an academic environment that fosters the dialogue and exchange of ideas between different levels of academic, research, business and public communities.



The conference post proceedings will be published in IFIP AICT by Springer.

## World Conference on Computing in Education (WCCE 2017) demands 7.5% GDP for Education Worldwide



Delegates from over 50 countries worldwide met this week at the World Conference on Computing in Education in Dublin Castle to discuss the future of education.

The conference was formally opened by Minister for Education & Skills, Richard Bruton who underlined the importance of an education system which embraces technology and uses it to prepare students for the jobs of the future. Referring to his previous role as Minister for Jobs, Enterprise & Innovation he said that it was the strength of our education system was one of the instrumental factors in tackling the recent jobs crisis. Furthermore Minister Bruton explained that it was imperative that Ireland provided students the skills to keep Ireland's tech sector at the forefront of global technology.

Representatives from OECD and UNESCO supported the Minister's policy message with presentations which showed the growing reliance on technology both at home and in the workplace yet a stagnation of technology enhanced learning in the classroom and huge inequalities in access to broadband, computers and adequately trained teachers of computing both domestically and abroad.

'In terms of computing, computer education and uses of technologies for teaching and learning are we know, in 2017, at a pivotal point of change? It is clear that international, national and local computer and educational technology strategies, policies and curricula are shifting. Learners of all ages and levels can benefit from and arguably should be enabled to develop opportunities that such technologies offer not only for their individual futures but also for the future of our wider communities and society as a whole', said Prof Don Passey, Chair of the WCCE International Programme Committee.

The event which was hosted by the Irish Computer Society on behalf of IFIP (International Federation of Information Processing) also included a meeting of the Irish Digital Jobs & Skills Coalition and a consultation on the progress and challenges of embedding Computer Science within the secondary school curriculum.

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## **New Leaving Cert Computer Science syllabus discussed**

At the conference, an expert working group discussed a proposed new Leaving Cert Computer Science syllabus. The session, led by the ICS Foundation, with EdTech Ventures, Computers in Education Society of Ireland, (CESI) and H2 Learning, considered the implementation of the curriculum by September 2018.

Progress to date made by NCCA was welcomed by the group but concerns about upskilling teachers and the challenges of converting Computer Science graduates to teachers in short time frame still remain.

Mary Cleary, Deputy CEO of the ICS Foundation said, 'introducing Computer Science at senior cycle with only short courses at junior cycle is a challenge but the group is confident in increasing uptake among schools and calls on parents and students to urge their schools to take an active part in implementing the curriculum at a local level.'

'The challenge of producing teaching and learning resources to support the curriculum as it emerges still remains. The Computer Science curriculum needs to be more flexible than many other subjects given the dynamic and ever-changing nature of IT and we need to incentivise our schools to take on the new subject. Ideally we would like to see the process of teaching computing at starting primary school and testing beginning at junior cycle level', continued Ms Cleary.

Jim Friars, CEO of the Irish Computer Society (which this year celebrates its 50th anniversary) said, 'it is important that we continue to teach all Irish students the digital skills required to operate safely and efficiently in a modern work environment, we are fulfilling this through programmes such as ECDL in schools, offices and in partnership with organisations such as Solas. But we now need to make the same progress in terms developing computational thinking and coding skills among children, formally recognise Computer Science as the 'Fourth Science' in the classroom and at the very least give it the same resources and funding as Physics, Chemistry and Biology'.

'The private, public and education sectors need to work together to encourage students into computing subjects. Recent cyber-attacks highlight the importance of digital skills to businesses and society as a whole as well as the need for us all to protect ourselves online. We must ensure future generations are equipped with these skills to secure our position as a leading digital economy', continued Mr Friars

The digital economy is growing at an unprecedented level but work must continue to boost the talent pipeline so that Ireland can capitalise on opportunities. Digital skills are at the heart of the new Skills Agenda for Europe that the European Commission published in June. The Digital Skills and Jobs Coalition brings together Member States, companies, social partners, non-profit organisations and education providers who take action to tackle the lack of digital skills in Europe.

Lord David Puttnam, fulfilling his final duty as Digital Champion for Ireland spoke passionately of his work in this area since 1992, asked delegates from all countries to demand 7% GDP from their respective governments to be spent on Education and demonstrated his own virtual classroom which he uses to teach in six universities worldwide from the comfort of his home in Skibereen, Co. Cork. Currently Ireland spends 5.2% of GDP on Education only equalling the OECD average according to the most recent Department of Education reports

<https://www.education.ie/en/Publications/Statistics/International-Statistical-Reports/Education-at-a-Glance-OECD-Indicators-2016-Briefing-Note.pdf>

## ACM Europe Council Names Chris Hankin as New Chair



The [ACM Europe Council](#) has named Chris Hankin as its new Chair. Hankin, Director of the Institute for Security Science and Technology and a Professor of Computing Science at Imperial College London, will serve a two-year term through June 30, 2019.

Also elected to two-year terms were Vice Chair Judith Gal-Ezer, Professor Emerita in the Mathematics and Computer Science Department at The Open University of Israel; Secretary Joaquim Jorge, Professor in the Informatics Engineering Department at the University of Lisbon, Portugal; and Treasurer Panagiota Fatourou, Associate Professor in the Computer Science Department at the University of Crete.

Natasa Milic-Frayling, Professor and Chair in Data Science, Faculty of Science at the University of Nottingham, UK, was appointed Chair of the [ACM-W Europe Executive Committee \(ACM-WE\)](#) for the two-year term.

## Watch Highlights of September ACM Europe Conference in Barcelona



Highlights of the [ACM Europe Conference](#) held in September are now available on [video](#). Watch sessions from the High Performance Computing and Cybersecurity tracks, including panel discussions, a Turing Lecture by Silvio Micali and an HPC keynote talk by ACM Athena Lecturer Katherine Yelick.

On 7 September, a panel on Cybersecurity examined current trends and discussed issues in research, education and ethics. The panel was moderated by the new ACM Europe Council Chair, Chris Hankin

(Imperial College London) and included panelists from European agencies, the USACM Public Policy Council and EUACM, the ACM Europe Policy Committee.

On 8 September, an HPC panel of top experts from the Barcelona Supercomputing Center, Argonne National Laboratory, Japanese national supercomputing center, Hartree Centre at the Science and Facilities Council's National Laboratory (UK), Chalmers University of Technology (Sweden), and Sun Yat-sen University/Beihang University (China) reviewed progress and current plans for the worldwide roadmap toward exascale computing. The panel was moderated by Thomas Skordas, Director for Digital Excellence and Science Infrastructure at the European Commission.

The [ACM Europe Celebration of Women in Computing: womENCourage 2017](#) was co-located events at the conference. womENCourage had 206 attendees from 31 countries, 72 scholarships to attend the event, 74 posters, and 17 supporters that helped make it all possible. Participants enjoyed workshops in coding, programming and other topics; a career fair; a hackathon; and many opportunities to network. Read a report in the [September issue of ACM-W Connections newsletter](#).

## USACM Holds Panel on Algorithmic Transparency and Accountability



USACM, the ACM US Public Policy Council, hosted a [panel on Algorithmic Transparency and Accountability](#) in Washington, DC on September 14. The event provided a forum for a discussion between stakeholders and leading computer scientists about the growing impact of algorithmic decision-making on our society and the technical underpinnings of algorithmic models.

Panelists discussed the importance of the [Statement on Algorithmic Transparency and Accountability](#) and the opportunities for cooperation between academia,

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government and industry around these principles. The [ACM Europe Policy Committee \(EUACM\)](#) endorsed this statement in May.

Panel participants were:

- ◆ Simson L. Garfinkel (Moderator), Co-chair of USACM's Working Group on Algorithmic Transparency and Accountability.
- ◆ Geoff A. Cohen, a Vice President at Stroz Friedberg, an Aon company, specializing in computer science and intellectual property litigation.
- ◆ Nicholas Diakopoulos, Assistant Professor of Communication at Northwestern University, Tow Fellow at Columbia University School of Journalism, and Associate Professor II at the University of Bergen Department of Information Science and Media Studies.
- ◆ Ansgar Koene, Senior Research Fellow at Horizon Digital Economy Research institute, University of Nottingham.
- ◆ Jeanna Neefe Matthews, Associate Professor of Computer Science at Clarkson University, and Co-chair of USACM's Working Group on Algorithmic Transparency and Accountability.
- ◆ Dan Rubins, Co-founder and CEO of Legal Robot, a company that uses machine learning to understand contracts.

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## Marketing Update

Have you seen the new IFIP promo video?

We have created a short video, featuring Mike Hinchey, promoting IFIP's vision and activities in influencing global ICT policy and industry.

It will be used by IFIP at all major events to introduce our organisation and position IFIP's vision and mission.

The video can be used by members to showcase the importance and relevance of their involvement with IFIP. You can embed it in your website, share across your social media channels and display at conferences, events and exhibitions.

The video is available via the IFIP YouTube channel here: [https://youtu.be/w\\_ORI9mLH0U](https://youtu.be/w_ORI9mLH0U)

If you would like to discuss ideas for use or have any questions, please contact [shuba@quantumvalues.com](mailto:shuba@quantumvalues.com).

## IFIP EGOV-EPART2017 conference

*Felippe Cronemberger, Center for Technology in Government, Albany, NY*

Activities on IFIP EGOV-EPART 2017 kicked off prior to the beginning of the Conference. On Sunday, September 3<sup>rd</sup>, doctoral students from eight nationalities (South Africa, Russia, Rwanda, Sweden, Brazil, Spain, Germany, Mexico, Iran and Russia) joined the PhD Colloquium at ITMO University in St. Petersburg, Russia. The traditional gathering has become an emblematic opportunity for stimulating discussions on academic service and on research and scholarship development. This year, the day started with an ice-breaker, where students were randomly assigned to trios and were asked to learn as much as they could about other participant. In the sequence, they stood in front of the audience to present information about the new colleagues. Relaxed introductions revealed curiosities and interests of the participants and instantly opened doors for good laughs and integration. Further, students stepped in to deliver presentations on the research topics from a number of realms. Subjects included urban co-creation, electronic suffrage, smart governance, open government, data analytics use in government and public value and decision-making in the context of e-government. As previously structured by the organizing committee, young academics were asked to present someone else's research and propose directions for improvement. The young academics also received feedback from a team of six experienced scholars: Ida Lindgren (Linköping University), Karin Axelsson (Linköping University), Jose Ramon Gil-Garcia (University at Albany, SUNY) and Marijn Janssen (TU Delft), Themis Tambouris (University of Macedonia) and Dmitry Novikov (ITMO University). The experts asked provoking questions, provided hints on research design and methodology, debated approaches and offered avenues for future research. Finally, they gathered for a panel where they would answer questions pertaining to publishing strategies, career development and research agendas moving forward. At the end of the day, students extended conversations and strengthened their network ties during dinner, in the best Russian style. The PhD Colloquium at IFIP EGOV-EPART sustains its legacy and continues to attract and encourage the next generation of e-government researchers, contributing both to the advancement of their research agenda and to the future of our community.



Mahdi Yakhchali, Marijn Janssen and Felippe Cronemberger discussing research.

Opening the last day of the conference, professor Yannis Charalabidis (University of Aegean) delivered the presentation "Policy Modelling for Decision Support in the Public Sector". On stage, the keynote speaker brought together provoking slides and, with a vivacious delivery, stimulated a deep reflection on questions that percolate a confusing present and a promising future: what are the opportunities of data usage for policy-making and how they can support decisions in the Public Sector. By pinpointing a number of topics in an interdisciplinary fashion, Dr. Charalabidis collected literature and evidence from multiple domains and went out of his way to highlight concerns the e-government community should examine further. While shedding light to advantages inherent to emerging approaches such as artificial intelligence, machine learning and mega-modelling, the expert acknowledged limitations of multiple approaches as well, recognizing that experimentation is not only desired, but needed at the current stage of technological affairs. However, the expert also anticipates that much attention should be given to the methodological rigor of the applications and the importance of not losing sight from what is needed from a policy perspective, a context where multiple stakeholders produce complexity that is still – and rather often - intractable.

Following the tradition of keynote speakers at IFIP EGOV-EPART, Dr. Charalabidis gave his audience much food for thought, outlining next steps and opportunities for project collaborations moving forward.

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

The Dewald Roode Workshop on Information Systems Security Research <a href="http://ifip.byu.edu/">http://ifip.byu.edu/</a>	IFIP WG8.11/ WG11.13	06/10-07/10 2017 Tampa, US	IFIP WG8.11 / IFIP TC8
International Conference on Testing Software and Systems <a href="http://ICTSS2017.org">http://ICTSS2017.org</a>	ICTSS	09/10-11/10 2017 St-Petersburg, RU	St. Petersburg Institute for Informatics and Automation, RAS, Montimage, France Institut Mnes / Telecom, France
11th International Symposium on Intelligent Distributed Computing <a href="http://idc2017.pmf.uns.ac.rs">http://idc2017.pmf.uns.ac.rs</a>	IDC 2017	11/10-13/10 2017 Belgrade, RS	School of Electrical Engineering, University of Belgrade
International Conference on Research and Practical Issues of Enterprise Information Systems <a href="http://confenis2017.org">http://confenis2017.org</a>	Confenis 2017	18/10-20/10 2017 Shanghai, CN	IFIP WG8.9 / IFIP TC8
IFIP/IEEE International Conference on Very Large Scale Integration <a href="http://www.vlsi-soc.com">http://www.vlsi-soc.com</a>	VLSI-SoC	23/10-25/10 2017 Abu Dhabi, AE	IEEE, ACM
12th OTM International Workshop on Enterprise Integration, Interoperability and Networking <a href="http://otmconferences.org/">http://otmconferences.org/</a>	EI2N	25/10-26/10 2017 Rhodes, GR	IFAC TCs , InterOp Grande-Region Greek Interoperability Center
2nd IFIP Conference on Information Technology in Disaster Risk Reduction <a href="http://itdrr.unwe.bg">http://itdrr.unwe.bg</a>	ITDRR-2017	25/10-27/10 2017 Sofia, BG	IFIP TC5
International Conference on Intelligence Science <a href="http://www.intsci.ac.cn/icis2017">http://www.intsci.ac.cn/icis2017</a>	ICIS2017	25/10-28/10 2017 Shanghai, CN	IFIP TC12 / China Chapter under International Society for Information Studies / Shanghai Maritime University / Shanghai Association for Science and Technology (SAST)
International Conference on Application of Information and Communication Technology and Statistics in Economy and Education <a href="http://icaictsee.unwe.bg">http://icaictsee.unwe.bg</a>	ICAICTSEE 2017	03/11-04/11 2017 Sofia, BG	IFIP TC5
Brazilian Symposium on Computing Systems Engineering <a href="http://sbesc.lisha.ufsc.br/sbesc2017/">http://sbesc.lisha.ufsc.br/sbesc2017/</a>	SBESC	07/11-10/11 2017 Curitiba, BR	Brazilian Computer Society (SBC) / IFIP
10th IFIP WG 8.1 Working Conference on The Practice of Enterprise Modeling <a href="http://www.poem2017.be">http://www.poem2017.be</a>	PoEM2017	22/11-24/11 2017 Leuven, BE	IFIP WG8.1 / IFIP TC8
8th International conference Network of the Future <a href="http://www.network-of-the-future.org/">http://www.network-of-the-future.org/</a>	NoF	22/11-24/11 2017 London, GB	IEEE / IEEE ComSoc
The 16th IFIP Conference on e-Business, e-Services and e-Society <a href="http://www.iceg.net/">http://www.iceg.net/</a>	I3E2017	23/11-25/11 2017 New Delhi, IN	IFIP WG6.11 / IFIP TC6
13th International Conference on Network and Service Management <a href="http://www.cnsm-conf.org/2017/">http://www.cnsm-conf.org/2017/</a>	CNSM 2017	26/11-30/11 2017 Tokyo, JP	IFIP / IEEE ComSoc / IEEE CS

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

The 6th International Conference on Performance Evaluation and Modeling in Wired and Wireless Networks <a href="https://sites.google.com/site/pemwn2017">https://sites.google.com/site/pemwn2017</a>	PEMWN 2017	28/11-30/11 2017 Paris, FR	IFIP / Inria Paris, CNAM Paris; ENSI, Tunisia
The Fifth Conference on Sustainable Internet and ICT for Sustainability <a href="https://sustainit2017.m-iti.org">https://sustainit2017.m-iti.org</a>	SustainIT 2017	06/12-07/12 2017 Funchal, PT	IFIP
Organizations and Society in Information Systems (OASIS) 2017 Workshop <a href="http://www.outreach.olemiss.edu/oasis2017/">http://www.outreach.olemiss.edu/oasis2017/</a>	OASIS 2017	09/12-09/12 2017 Soeul, KR	IFIP / The University of Mississippi
The 8th International Precision Assembly Seminar 2018 <a href="http://www.ipas-seminar.com/">http://www.ipas-seminar.com/</a>	IPAS 2018	14/01-16/01 2018 Chamonix, FR	IFIP /CIRP
21st Conference on Innovation in Clouds, Internet and Networks <a href="http://www.icin-conference.org/">http://www.icin-conference.org/</a>	ICIN 2018	20/02-22/02 2018 Paris, FR	IFIP WG6.2 / IFIP TC6
Interoperability of enterprise systems and applications <a href="http://www.i-esa.org">http://www.i-esa.org</a>	I-ESA	19/03-23/03 2018 Berlin, DE	IFIP WG5.8 / IFIP TC5
Doctoral Conference on Computing, Electrical and Industrial Systems <a href="http://sites.uninova.pt/doceis">http://sites.uninova.pt/doceis</a>	DoCEIS`18	02/05-04/05 2018 Caparica (Lisbon), PT	SOCOLNET - Society of Collaborative Networks / IFIP WG5.5 / IEEE-IES
International Conference on Computer Intelligence and Its Applications <a href="http://cii2018.encs.concordia.ca/">http://cii2018.encs.concordia.ca/</a>	CIIA	06/05-08/05 2018 Oran, DZ	IFIP tconly IFIP TC5
IFIP Networking 2018 <a href="http://networking.ifip.org/2018/">http://networking.ifip.org/2018/</a>	Networking 2018	14/05-16/05 2018 Zürich, CH	IFIP TC6
14th Artificial Intelligence Applications and Innovations 2018 <a href="https://conferences.cwa.gr/aiai2018/">https://conferences.cwa.gr/aiai2018/</a>	AIAI 2018	25/05-27/05 2018 Rhodes, GR	IFIP WG 12.5 / Democritus University of Thrace, Greece
International Conference on Open Source Systems <a href="http://oss2018.org">http://oss2018.org</a>	OSS 2018	08/06-10/06 2018 Athens, GR	GFOSS – Open Technologies Alliance
16th IFAC Symposium on Information Control Problems in Manufacturing <a href="http://www.incom2018.org/">http://www.incom2018.org/</a>	INCOM2018	11/06-13/06 2018 Bergamo, IT	IFAC / IFIP / IFORS / GDR MACS CNRS (France), AIDI (Italy)
The Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13 <a href="http://ifip.byu.edu/">http://ifip.byu.edu/</a>	IFIP WG8.11/WG11.13	14/06-15/06 2018 Cape Town, ZA	IFIP WG8.11 / IFIP TC8
Empowering Learners for Life in the Digital Age <a href="http://occe.2018.ocg.at/">http://occe.2018.ocg.at/</a>	OCCE.2018	25/06-28/06 2018 Linz, AT	IFIP TC3
International Federated Conference on Distributed Computing Techniques <a href="http://www.discotec.org/">http://www.discotec.org/</a>	DISCOTEC	02/07-05/07 2018 Madrid, ES	IFIP WG6.1 / IFIP TC6

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