ifip
the leading edge of information technology

# News

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## IFIP World Computer Congress 2015

The 23rd IFIP World Computer Congress will be held in Korea at the Daejeon Convention Center from 4th to 7th October, 2015. It will be an opportunity for not only Information Technology Professionals but also Government Officers and Educators.

WCC 2015 is hosted by the Korean Institute of Information Scientist and Engineers and sponsored by the Ministry of Science IT and Future Planning Korea, the Daejeon Metropolitan City, National IT Industry Promotion Agency, Accreditation Board for Engineering Education Korea, and more.

First main theme of the congress is “Creating new IT oriented jobs for near future: For developed countries as well as developing countries”. We’d like to invite as many government officials and young professionals as possible if budget allows.

Second main theme of the congress is “Education: K-12 creative thinking, College education and Seoul Accord, Accreditation for Software Engineers and IP3”.

Also, we’ll have VLSI-SoC 2015 conference, and plan to have Job Fairs, University Fairs, Venture idea Fairs etc.

It’ll take only 70 minutes from Inchon/Seoul international airport to Daejeon railroad station by express train.

We’ll provide many different kind of sightseeing programs such as “Baekje dynasty tour”, “Mountain Gyeryong hiking”, “Daeduk Science Complex tour”.

In any reason, if you come to Korea to attend WCC 2015, we’ll give you smile.

## The IFIP Domain Committee on Cloud Computing will be Formally Established

In order to create the awareness of cloud computing throughout the world; increase the influence and importance of IFIP in cloud computing academia and industry, Forrest LIN, IFIP representative of China and deputy Secretary General of Chinese Institute of Electronics (CIE), proposed a domain committee on cloud computing in IFIP General Assembly in Poznan Poland last September. The proposal has been approved by the GA and the CIE serves as a liaison for IFIP country members and Technical Committees

The scope of the committee's activities includes hosting annual IFIP International Conference and Exhibition on Cloud Computing, publishing cloud computing technology report, and promoting cloud computing related international standard. We believe with our efforts and devotion, the domain committee on cloud computing will promote a stimulating environment for communication, collaboration, development and growth of cloud computing academia and industry.

CIE will make joint efforts with other member societies and TCs to build up this committee. It is the best opportunity to take an active role in promoting standards of cloud computing and stimulating environment for development and growth of cloud computing industry.

The reports about security weaknesses in ICT and the Internet and the subsequent discussions about trust mechanisms and trusted parties have motivated IFIP to issue a statement on the topic. IFIP with its diverse international structure of around 50 member societies is not the body that issues statements on current issues lightheartedly, but the seriousness of the issue led to a clear statement, unanimously accepted by its General Assembly. IFIP realizes that such a statement can only be the beginning of work on the issues and will seek cooperation between its technical bodies and its member societies to do this work, wherever possible also with other interested parties.

# IFIP statement on intentional weakening of security and trust mechanisms in ICT and the Internet by government agencies and other major actors 2013-10-24

IFIP has followed the recent reports about security weaknesses in ICT (Information and Communication Technology) and the Internet with great concern. There is reason to believe that major practical pillars of trust in the Internet, e.g. the trustworthiness of relevant communication nodes and the security of cryptographic implementations in the web such as SSL, are being intentionally weakened in a systematic way at the behest of government organizations and other major actors in the field. This is endangering and undermining the fabric of the Internet and the Information Society, and contradicts the claim of those actors to be trusted with e.g. sensitive personal information. Moreover, any deliberately introduced weakening or backdoor is equally exploitable by (ostensibly) legitimate and illegitimate third parties alike.

We know that we do not live in a perfect world: Technology is never perfect and has too many inherent weaknesses anyway, while its complexity makes it hard to find errors and detect attacks. However, the scale and dimension of intentional weakening of ICT infrastructures and protection mechanisms by actors, who claim to be trustworthy, is astonishing and disturbing. It has undermined many trust assumptions, and has also unnecessarily endangered the security of infrastructures and systems that could be of better quality even by today's state of the art.

This means we must now be specifically critical, whenever we get answers such as "Trust us" instead of thorough and open explanations of the described attacks. The same requirement to be critical holds for any ICT functionality and assurance. Any different behavior multiplies the risk that lowering of trust in ICT and the Internet may turn into a loss of trust in the ICT profession itself.

As IFIP members and ICT professionals we know that we will need to be more critical, and to work harder for steps towards the goal of ICT systems that users can safely trust in with the protection of their data. Based on experience the most important aspects are:

- A stop on government-sponsored measures that are intentionally weakening the security mechanism of ICT and internet technologies;
- Open and frank descriptions, explanations, and discussions of current and future weaknesses, e.g. on the steps that have been taken to prevent illegitimate exploitation, and a pause, while the implications of the weaknesses become better understood;
- An open trust infrastructure, that resists domination by major players;
- Transparency of ICT and the related infrastructures and operation procedures, e.g. if the risk calculation employed says that the cost of the increase in fraud is worth the increase in security;
- Implementation of protection mechanisms that users can really control;
- An infrastructure of independent institutions to assess the security and reliability of complex ICT.

Interested parties are invited to get in touch with IFIP (ifip@ifip.org).

# IP3 News

International Professional Practice Partnership
Transforming IT Professional Practice

## Meetings in Europe December 2013

In our contribution to the December 2013 newsletter we promised to report on meetings held in Europe in December, after the deadline for the newsletter.

Brenda Aynsley (IP3 Chair) and Anthony Wong (IFIP representative on IP3 board) travelled to Europe. The main purpose of the trip was to attend and participate in the Second Physical Meeting of the Open Consultation for the WSIS+10 High-Level Event, 16-18 December 2013 in Geneva. This meeting was a multi-stakeholder participation whose purpose was to read documents that will report on the current WSIS process and influence the shaping of the next UN sponsored process beyond 2015. The value of this process is that IFIP IP3 can directly input ICT professionalism onto the international ICT agenda for the next 10 plus years.

Other meetings in Europe included attending the CEN workshop in Brussels; a meeting with the Swiss Institute in Geneva, thanks to Raymond Morel for organising this; a meeting with the German Institute and the Netherlands NGI/VRI facilitated by Leon Strous in Dusseldorf. As you will see below, the meeting resulted in NGI/VRI applying to join IP3.

### Conclusion and outcomes from this visit

Established a better and more personal relationship with three IFIP member organisations with the likelihood of two new members to IP3 in the first quarter 2014.

- Increased our understanding of the business of IFIP members and the differences that exist. It would be unrealistic to think that all IFIP members are a natural fit to the IFIP IP3 professionalism mission.
- "Professionalism" means different things to different people:
  - For some it's no more than paid work in a community of practice.
  - For others it's 'appropriate' training and education in that community of practice including industry certifications and on the job training.
  - Again it's the appropriate education to fit the professional's needs against an international and high standard of tuition such as from the Higher Education Sector.
  - For us it's the commitment to a code of ethics, responsibility to manage one's own career including undertaking initial and continuing professional development, appropriate professional behaviour including some aspect of altruism and ultimately working in the public interest.
  - IP3's work plans need to reflect this diversity of opinion and address the language used by those in the ICT Eco-system to achieve consistency in our marketing and communications plans.
- Brenda and Anthony also met with the Australian Permanent Representative to the UN in Geneva and the Ambassador for Disarmament, Peter Woolcott through Anthony's contacts in Australia. We also had an informal catch up with ITU's BDT (human capacity building division) who we have met with in the past on several occasions who in May 2013 dangled a carrot on the professionalism projects they were undertaking.

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- As an outcome of the WSIS meeting, IP3 agreed to attend the WSIS multi-stakeholder participation process sessions in February and in April to ensure our ICT professionalism message is included for the future.

If you would like further information about any of these meetings please e-mail us. You can see the public report of the December European visit at http://ip3interactive.net/mod/resource/view.php?id=250. It is available via guest access (click on login as guest).

## Second Physical Meeting - Open Consultation for WSIS+10 High-Level Event , 17 - 18 February – Geneva

Moira de Roche and Raymond Morel attended this event on behalf of IFIP IP3. Whilst the Action Lines reviewed were not of direct interest to IP3, so there was not significant opportunities to provide input, it was still a worthwhile endeavour. We believe our ongoing involvement in the process ensures that we are perceived as being an important participant, and opens the door to us influencing the process to a far greater extent in the next 10 years. A competent and ethical ICT capability is an essential element of a functioning global Information & Knowledge Society, and we need to ensure that this is emphasized.

## New Member – NGI/VRI

We are pleased to welcome NGI/VRI to IP3 membership. They are the member body in the Netherlands, and we are very happy to increase our membership footprint in Europe. We look forward to welcoming many other European organizations into the fold.

## Presentation to ISACA – Brisbane 1 March 2014

Brenda Aynsley was invited to address the International Board of Directors, the Chairs of the Board's two advisory groups (Strategic Advisory Council and Governance Advisory Council) both of whom are past International presidents of the Association and the ISACA Headquarters Chiefs of Staff (CEO, CFO, COO, Chief Communications Officer, Chief External Relations Officer, Chief Marketing Officer, Chief Volunteer Management Officer, Chief Membership and Education Officer) of ISACA. The topic of the presentation was the work done by Brenda and Anthony to promote IFIP and IP3 on the world stage; the synergies between the two organisations; and how, in line with Brenda's strategy of 'partnering for success' as the ACS President, the relationship between the organisations can be better leveraged. Due to Brenda's incapacity, Anthony Wong filled in admirably for her with the ISACA Board and the subject was well received by them.

## Global Industry Council (GIC)

The GIC will support the 2014 World CIO Forum (WCF). GIC directors will provide input, speakers, access to networks (example, Frits Bussemaker and CIONET 3500+ executives); GIC chair, Stephen Ibaraki as invited WCF vice-chair international advisory board will advise on the entire forum. The GIC will support the 2015 World Computer Congress in similar fashion and exchanges have already occurred between Stephen and the hosts.

Theresa Grafenstine, Inspector General US House of Representatives, Strategic Advisory Council ISACA, Assurance Services Executive Committee at AICPA, International Vice-President ISACA has joined the IFIP IP3 SAC (Standards and Accreditation Council).

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John Morton is chairing the new GIC Skills 2020 project which will develop a 2020 skills, competencies and professionalism executive report which will be presented at conferences and support IFIP and IFIP IP3. Committee members include Daniel Castro, Theresa Grafenstine, Moira de Roche. As GIC chair, Stephen will provide added backup support.

The GIC members, Theresa Grafenstine (ISACA international vice-president and Greg Grocholski (ISACA immediate past president), enabled ISACA to formally join IFIP IP3 effectively in late 2013. This work first started in 2011 when Stephen Ibaraki was invited to ISACA HQ followed by two speaking engagements at the ISACA World Congress in 2012, interviews with multiple ISACA leaders and then Theresa and Greg as ISACA president joining the GIC in late 2012 and into early 2013.

Greg Grocholski - Business Finance Director – Ventures, Business Development and Joint Ventures, Dow Chemical, immediate past-president ISACA and Theresa (Terry) were key participants at the presentation by Anthony Wong to ISACA as noted earlier.

As chair IFIP IP3 GIC, Stephen Ibaraki was invited in January and as of March (writing of this report) and continuing this year is currently advising on proposed new government technology legislation for the US and the GIC provided input in February. This will provide opportunities for IFIP and IFIP IP3.

As chair of the IFIP IP3 Global Industry Council Stephen Ibaraki was invited to contribute to the pan-European foundational body of knowledge for ICT professionals, as well as a sustainable operating model for the promotion of ICT professionalism in Europe. This is the European Commission's DG Enterprise 'E-Skills: Promotion of ICT Professionalism in Europe' program.

Stephen Ibaraki has also received an invitation to join the September global symposia meeting of the International Economic Alliance hosted at the Harvard Club representing foreign leaders, CEOs of fortune companies, billionaires, and thought leaders where if he can manage the schedule will advance IFIP and IFIP IP3.

A new GIC director is nominated. Kevin Brennan, CBAP, PMP, is the Chief Business Analyst and Executive Vice President for IIBA®. He led the development of Version 2.0 of The Business Analysis Body of Knowledge® (BABOK® Guide) and was also one of the authors of the CBAP exam. The IIBA is also joining as a new organization member. International Institute of Business Analysis (IIBA) is the independent, non-profit, professional association serving the growing field of business analysis. Established in 2003, and headquartered in Toronto, Canada, IIBA now has over 27,000 members and over 110 chapters around the world.

Moira de Roche – IP3 Marketing Director
editor@ipthree.org

# SEARCC

Next Executive Council Meeting of SEARCC will be held on **21st April 2014** in Kuala Lumpur, Malaysia, please visit www.searcc.org for more information.

Yohan Ramasundara

Secretary General SEARCC

**Fernando Lopes and Helder Coelho (Editors), Negotiation and Argumentation in Multi-agent Systems, Fundamentals, Theories, Systems and Applications, Bentham Books, ISBN: 978-1-60805-825-9, 2014** (to be released April 2014).

Negotiation is a common, everyday activity that most people use to resolve opposing interests. Businesses negotiate to purchase raw materials and to sell final products. Labor and management negotiate the terms of contracts. Lawyers negotiate to settle legal claims before they go to court. The police negotiate with terrorists to free hostages. Nations negotiate trade agreements and peace accords. Friends negotiate to decide which television programs to watch. The list is endless. Hence, negotiation is not a process reserved only for the skilled diplomat, top salesperson, or ardent advocate for organized labor— it is something that everyone does, almost daily. Although the stakes are not usually as dramatic as peace accords or large corporate mergers, everyone negotiates to resolve problems or disputes.

Multi-agent systems (MAS) represent a relatively new and rapidly expanding area of research and development. MAS are systems composed of software agents that interact to solve problems that are beyond the individual capabilities of each agent. Software agents are elements situated in some environment and capable of flexible autonomous action in order to meet their design objectives. Agent technology is being used to solve real-world problems in a wide variety of commercial and industrial applications, including electronic commerce, electricity networks, business process management, process control, telecommunications, and air traffic control.

The area of negotiation in multi-agent systems has grown significantly in the past few years resulting in a substantial body of work and well-established technical literature. There are several journals that focus on research in this area (e.g., Group Decision and Negotiation, and Autonomous Agents and Multi-Agent Systems). In addition, various forums have been dedicated to the study of negotiation in MAS, such as the Group Decision and Negotiation conference series, and the Agent-Based Complex Automated Negotiation (ACAN) workshop series held in conjunction with AAMAS. And development has occurred on the practitioner side as well. At present, automated negotiation systems with software agents representing individuals or organizations and capable of reaching mutually beneficial agreements are beginning to become an important subject of academic teaching (see, for example, the Coursera MOOC on Making Better Group Decisions), and industrial and commercial applications. IFIP covers this area with the Technical Committee 12 (Artificial Intelligence) and the Working Group 12.3 (Intelligent Agents).

The book gives an insightful view of a landscape of stimulating ideas and offers a number of key features, notably: Scope: it is organized into three parts: Fundamentals, Theories and Systems, and Applications, it introduces the reader to the essentials of negotiation in MAS (Part I), treats various topics in detail (Part II), and presents some practical applications (Part III); Theory: it gives a clear and careful presentation of the key concepts and algorithms that form the core of the area. Many examples and illustrative case studies are provided; Practice: the emphasis is not only in theory, but also on practice. The ideas presented in the book are supplemented with real-world applications, such as liberalized electricity markets and pervasive services; and, Expertise: its chapters have been written by leading and outstanding authorities that have helped shape the area of negotiation in MAS. This guarantees that the book is built on a very broad and diverse basis of knowledge and experience.

# InterYIT Gets a New Board

The IFIP President has appointed Yasas V. Abeywickrama of Computer Society of Sri Lanka (CSSL) as the Chairman of the International Young ICT Professionals Group (InterYIT). Subsequently a new board was established.

InterYIT is an IFIP group for young professionals in the field of Information and Communications Technology (ICT). InterYIT has objectives such as being the umbrella organisation for all Young ICT professionals around the world, foster communication between Young IT Groups and promote representation of young professionals in the computer societies as well as within IFIP. Previous to the appointment of Yasas, the chairmanship was held by Australia's Joel Nation.

Abeywickrama was a part of Australian Computer Society (ACS) from 2006 to 2010 and was the Director of Young IT Professionals Board of the ACS (2009/10). In 2010, Yasas returned to Sri Lanka. Since then he has been active member of Computer Society of Sri Lanka (CSSL), which is the apex body for IT professionals in Sri Lanka. Yasas has served the Executive Council for many years and is currently the Secretary.

Other board members of InterYIT are Tom Crick (BCS - UK), Maarten Emons (NGI - Netherlands), Fiona Teakle (ACS - Australia) and Wellington Matope (IITPSA - South Africa). Joel Nation continues to support the group as an advisor.

The board expects to expand its services to support young professionals around the world as well as to strengthen groups of young professionals who are in the field of IT. Currently the board is having its initial discussions on outlining the strategy for InterYIT for short term as well as long term.

Those who would like to work with InterYIT or those who would like support from InterYIT for youth IT activities can contact InterYIT Chairman Yasas on yvabeywickrama@gmail.com

# Human Choice and Computers (HCC11) an appeal to practitioners and professionals

Kai KIMPPA, Conference Co-Chair, TC9 Finnish representative
Diane WHITEHOUSE, Conference Co-Chair, TC9 Chair

IFIP TC9 is organizing the Human Choice and Computers (HCC11) conference in Turku, Finland from **30 July to 1 August 2014**: www.hcc11.net.

As is often usual with these types of events, many academic contributions have already been received. Yet TC9 is also interested in receiving professional contributions and participation. We want to attract more professional participants to the conference in two ways. A work-in-progress track is now open, where we would specifically welcome position papers and written experiences on the working life of professionals in the field of ICT and Society. On **29 July, 2014**, we are also organizing a half-day professional seminar on ethics and computing, a day before the actual conference starts.

TC9's message is:

We want the professionals present, not only the academics!
We want young researchers to participate, even from very early on in their careers!
We want all three of these groups of people working in ICT and Society (professionals, academics, and young researchers) to meet each other and learn from each other!

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We will encourage these attendees to integrate their activities into TC9's working groups, wherever possible.

A work-in-progress call for papers is currently open until 15 April 2014: http://www.hcc11.net/wip.php. Please feel free to offer us your professional views on the many topics of concern around ICT and Society in a short paper of up to 2,500 words. News on the 29 July 2014 professional workshop will also be up on the website soon www.hcc11.net.

**We look forward to welcoming as many participants as possible with a concern for ICT and Society to this Turku-based conference and set of activities**.

## Norbert Wiener on Cybernetics, Humanity and Technology

In March 2014, dynamic IFIP member from India, **Dr. T.V. Gopal, Chairman of CSI Division II [Software]** organised two one-day seminars to introduce the work of Prof. Norbert Wiener to Indian audiences. They traced the six decades of activity on cybernetics after the period in 1955-56 that the world-renowned cybernetician spent at the Indian Statistical Institute. Wiener was an eminent polymath and one of the early 20th century exponents of the need to explore the ethics of information and communication technologies, including the need to pay attention to ICT used for people with disabilities and those who experience social exclusion.

The two seminars were held on Friday, 7 March 2014 at the Indian Statistical Institute, Kolkatta and Sunday, 9 March 2014 at IIIT, Allahabad, India. They were organised in association with **IFIP's TC9 on ICT and Society** and the IEEE Computer Society India Council. More than forty people attended the first, and over seventy the second. The two events acted as forerunners of an international conference to be held in Boston on June 24-26, 2014 to investigate the meaning of Professor Wiener's achievements for this century: http://21stcenturywiener.org.

The first seminar was inaugurated by Prof. Dutta Majumdar who, in 1977, was a Norbert Wiener Prize winner. As Dr. Gopal reports, "Listening *to Prof. Dutta Majumdar ... during the inaugural [session] was [a] sheer delight*." Present in Kolkatta were M.G.P.L Narayana and Ms. Supriya Kummamuru, of Tata Consultancy Services, who traced the history of cybernetics in the firm. Dr. Arundhati Bhattacharyya from DRDO, Hyderabad, gave an overview of cybernetics in defence. Dr. T V Gopal also spoke on the complexities and aesthetics of software.

Connected via skype for a panel session was **Dr. Norberto Patrignani**, from the **Catholic University of Milan in Italy**, who acts as one of the **vice-Chairs of IFIP's WG9.2 on social accountability and ICT**. He gave a presentation on the ethics of ICT which generated a lot of discussion. Prof. Greg Adamson of IEEE – well-known for his work around the social implications of technology – launched the day with a keynote speech. He traced the activities of the Indian Statistical Institute, its foundation by Prof. Prasanta Chandra Mahalanobis, and Norbert Wiener's wide-ranging contributions to the science of automation.

# *Nigeria Computer Society 2014 Conference*

The 25th National Conference of the Nigeria Computer Society (NCS) will be holding from Wednesday 23 to Friday July 25, 2014. Venue is Enugu, Enugu State, Nigeria. **The conference theme is "Building a Knowledge-Based Economy in Nigeria: The Role of IT".** The purpose of the Conference is to provide a forum through which multiple stakeholders can engage each other on effective initiatives to build productive partnerships in support of Nigeria's transformation into an information and knowledge-based economy. The Conference will bring together scholars, business persons, IT practitioners, government policymakers, and the general public. It will address the benefits, opportunities and challenges, and look at related issues for the development of the nation and the industry.

Annually the conference addresses the networking needs of the Information Technology sector; it is the leading professional conference for IT professionals and stakeholders in Nigeria, attracting practitioners, decision makers, policy makers and professionals from Nigeria and all over the world. The NCS Conference is Nigeria's largest assembly of high-level stakeholders from business, industry, education, government and social communities. It is the key networking and professional event for advancing Information Technology for Development and promoting the interests of IT stakeholders in Nigeria.

Sub-themes:

1. Broadband Access for All: Strategies and Tactics
2. Business Process Outsourcing
3. E-governance Solutions: Improving Transparency and Public Sector Service Delivery through Technology.
4. Security Issues in a Knowledge-Based Economy
5. Training and Education for the Youths and IT Industry in Nigeria
6. Manpower Development and Income Generation
7. Harnessing innovation, creativity and entrepreneurship: Opportunities for the youths
8. Mobile Application Technology in Nigeria: A Case Study for Innovation & Transformation
9. IT Applications in the Different Sector of the Economy
10. Application of knowledge Technologies and Engineering in National Development

Mrs. Omobola Johnson,
Nigeria's Minister of Communication Technology
delivering the Keynote Address at the 2013 Conference.

More information on:
http://nigeriacomputers.com/tech-news/ncs-2014-conference-registration-is-open/
http://nigeriacomputers.com/tech-news/building-a-knowledge-based-economy/

# Well-Being in the Information Society

The conference series Well-being in the Information Society (WIS) rolls into its fifth edition August 18.-20.2014 in Turku, Finland. This IFIP WG6.11 (Communication aspects of the e-World) flagship conference is held biannually, is permanently held in Turku by University of Turku and Baltic Region Healthy Cities Association (a World Health Organization (WHO) collaboration center in the Baltic Sea area) and has concentrated to following topics during its history:

2006 European cooperation in health impact assessment
2008 Promoting Health in Urban Living
2010 Navigating the Fragmented Innovation Landscape
2012 Exploring the Abyss of Inequalities
2014 Safe and Secure Cities

The conference discusses topic at the interface between health and well-being, modern (urban) way of living and information society. The concept of the conference is unique in the whole world. WIS 2014 specific topic is also Safe and Secure Cities. In addition to a traditional peer-reviewed academic conference, the WIS 2014 will offer some 15 workshops/panels with some practical orientation on various topics, including topics such as safety for disabled people, cybersecurity, security in shops and malls, and medicine safety.

As it comes to information systems, security and privacy issues are a very actual topic all over the world constantly. Privacy cannot be taken for granted in any computing environment. Information systems privacy and security are strong topics in the conference. Another main topic of the conference, health and well-being, is also constantly becoming even more information intensive. Problems with IS security and privacy are highlighted in the health care environment.

The conference provides – true to its basic idea – also a nice link between the world giants IFIP and WHO.

Deadline for paper submission extends until 4. April 2014. Participation without academic papers is also highly welcomed. More information can be found at the conference www-site www.wis.fi.

Well-being in the information society (WIS) is a human-size conference with human touch.
Here CEO of Baltic Region Healthy Cities Association Johanna Reiman congratulates professor Sakari Suominen for his good work as a program chair for WIS 2012.

http://www.procomu.jp/plm14

Conference of the **WG5.1** "Global Product development for the whole lifecycle" (www.ifip-wg51.org)

Since 2003, **the IFIP WG5.1 PLM International Conference** (PLM IC) brings together researchers, developers, and users of Product Lifecycle Management (PLM), an ICT and integrated business approach to the collaborative creation, management and dissemination of engineering data throughout the extended enterprises that create, manufacture and operate engineered products and systems.

The conference aims at involving all stakeholders of the wide concept of PLM, hoping to shape the future of this new field and advance the science and practice of enterprise development. PLM IC is the official conference of the WG5.1 as well as the International Journal of **Product Lifecycle Management** (IJPLM, www.inderscience.com/ijplm).

Beyond the scientific presentations, the conference dedicates :

***A full day for industry panels and presentations*** *(last year 13 presentations were given by EDF, Dassult Aviation, Areva, Tata Technologies, Airbus, PSA, Rolls Royce, Jaquar Land Rover, VINCI, PROSTEP, Dassault Systems, Audros Technology, IMPARARIA, PCO, etc)*

***IFIP Awards*** *for the «Best Paper» and the «Best PhD study»*

***Several local industrial site visits***

***Panels on economic visions***

***Special Sessions on current socio-economical subjects***

***Keynote Speakers***

***1 PhD workshop***

***Special issues in Scientific Journals***

***Join us in Yokohama this July 2014!***

**Contacts:**

Organization: Shuichi Fukuda at shufukuda@gmail.com

or IFIP WG5.1: Aziz Bouras at abdelaziz.bouras@univ-lyon2.fr

IFIP Working Group on the Social Implications of Computers
in Developing Countries (Working Group 9.4)

# European Workshop on Iterative and Incremental Approaches to ICT4D

## Call for Abstracts

Thursday 22nd and Friday 23rd May 2014

Robert Gordon University, Aberdeen, UK

Submission Deadline: Friday April 4, 2014

Keynote Speaker

Eswaran Subrahmanian, Carnegie Mellon University, USA

Submissions

This workshop will address the areas of iterative, incremental, lean and agile approaches to ICT for International Development (ICT4D). We seek to draw on ICT4D research and best practices, as well as modern IT management practices and software development methods to understand deployment issues in large scale ICT4D projects. We are seeking extended abstracts from researchers and practitioners reflecting original research contributions. Abstracts selected for presentation will be published online. However workshop time will also be allocated for participant discussion and debate.

Abstracts should be maximum two pages using the IEEE Manuscript Templates for Conference Proceedings (A4 page size). Word (.doc) and latex format templates are available at

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Submissions should be sent by email to j.m.bass@rgu.ac.uk

Hosted by: School of Computing Science and Digital Media, Robert Gordon University, Riverside East, Garthdee Road, Aberdeen, AB10 7GJ, UK

RGU ROBERT GORDON UNIVERSITY ABERDEEN

IDEAS Research Institute

**Working Group 9.4: Social Implications of Computers in Developing Countries**

# Call for Papers

## OPENNESS IN ICT4D: CRITICAL REFLECTIONS ON FUTURE DIRECTIONS

**13th International Conference on Social Implications of Computers in Developing Countries**

**Negombo, Sri Lanka,**

**20-22 May, 2015**

**ifipwg94.org**

**Key dates**

Submissions Due: 3rd October 2014

Notification of Acceptance: 22nd January 2015

Resubmissions Due: 20th February 2015

Conference: 20-22 May 2015

**Call for Papers**

Various discourses around "openness" are present in the domain of ICT and development studies. An initial discourse in this area related to open source software and open standards, and how these can strengthen public information systems in developing countries. In recent times, we read about "open data" which involve governments placing relevant data in the public domain, and which may or may not require to be supported by open software. Open development is a more overarching theme being positioned as a theory of development, focusing on understanding how information-networked activities are carried out, in what circumstances and to what benefit. This openness discourse continues to unfold in a political-technical environment of increasingly centralized computing (cloud), cyber-crime, cyber-terrorism and increasingly comprehensive surveillance.

The conference theme of *"Openness in ICT4D: Critical reflections on future directions"* will seek to critically discuss different facets of open and openness, whether they represent hype or reality or both, what promises they hold for creating a better world, and what are the challenges and approaches we face in achieving the promised potential. To do this we welcome contributions from a wide range of perspectives, discussing for example potential tensions between open source and open data, the role of actors like the open society initiative in promoting openness as a value, and positive and negative freedoms.

**Conference tracks**

We invite those interested in participating to submit to one of the following tracks (see the conference website for more details):

- Themes, Insights and Agendas for ICT4D Research and Practice
- Graduate Student Track (*please note optional early submission deadline*)
- Open Innovation: Governance Models, Implementation Tools, Strategies and Outcomes
- Designing Open and Sustainable Technologies for Development
- Disasters and Climate Change, Role of ICTs, Challenges and Opportunities for Developing Regions
- Open Science for Development
- Development and ICT-enabled Well-Being

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- Critical Reflections on Information Systems for Community Development
- Health Information System Architectures
- A Critical Understanding of ICT4D
- Open Government for Public Service Delivery: Critical Issues, Emerging Possibilities
- The Data Revolution in International Development
- ICT4D in Sri Lanka - Challenges, Opportunities and Solutions

**Submissions**

Conference submissions will be by email to ifip9.4.2015@gmail.com. All papers will be blind peer-reviewed before acceptance, and the conference proceedings will be published. We accept both Full Research Papers (maximum 5000 words) and Research in Progress/Practitioner Reports of Experience and Reflection (maximum 2500 words). See the conference website for details on the submission format.

**Conference Committee**

Conference Chairs: Sundeep Sahay, University of Oslo

Chamli Pushpakumara, University of Kelaniya

Programme Chairs: Petter Nielsen, University of Oslo

# 6th KES International Conference on Intelligent Decision Technologies, IDT-2014

The 6th KES International Conference on Intelligent Decision Technologies, IDT-2014, will take place in Channia, Greece, on 18-20 June 2014. The field of intelligent decision technologies is interdisciplinary in nature, bridging computer science with its development of artificial intelligence, information systems with its development of decision support systems, and engineering with its development of systems.

The conference will consist of keynote talks, oral and poster presentations, invited sessions and work-shops, on the applications and theory of intelligent decision systems and related areas. It will provide ex-cellent opportunities for the presentation of interesting new research results and discussion about them, leading to knowledge transfer and generation of new ideas.

IDT-14 will be colocated with AMSTA-14, IIMSS-14, and STET-14 as part of the Smart Digital Futures multi-theme conference.

Please see http://idt-14.kesinternational.org/ for more information.

# 8th Meeting on the Preparation of the 18th World Congress of CIGR-CCTA214

The 8th meeting on the preparation of the 18th World Congress of CIGR was held on March 11th, 2014 in Chinese Academy of Agricultural Mechanization Sciences (CAAMS), Beijing, China. CCTA2014 is the Session VII: Information Systems, Prof.Daoliang Li attended this meeting.

Luo Xiwen , academician of organizing Committee of the World Congress , Prof. Li Shujun, Chair of Organizing Committee of the World Congress, vice-president Prof. Fang Xianfa, Secretary-General of the World Congress, Prof. Cui Jun, Deputy Secretary-General of the World Congress, the vice-president of ministry of agriculture planning and design institute were present at the meeting. Chairmen of each venue and secretaries of the world conference, The principals of relevant branches of Chinese Society of Agricultural Mechanization (CSAM), Chinese Society of Agricultural Engineering (CSAE) and relevant workmen of secretariat of World Congress , more than 60 people attended in this meeting. The meeting was chaired by Prof. Fang Xianfa.

This presentation meeting further confirmed the key to the next stage, and also gave out detailed target decomposition, thus will effectively promote orderly carried out of the presentation works for the 18th World Congress of 2014 CIGR-CCTA2014.

# PhD Colloqium @University of Koblenz-Landau September 2013

One day before the IFIP EGOV and EPart 2013 conference in Koblenz, Germany kicked off, a PhD colloquium was taking place which was held by and through the support of Prof. Dr. Maria Wimmer (University Koblenz-Landau), Prof. Dr. Dr. Björn Niehaves (Hertie School of Governance), Prof. Dr. Marijn Janssen (TU Delft/NL), Prof. Dr. Hans Jochen Scholl (University of Washington/USA) and Dr. José Ramón Gil García (University of Albany/USA). In this setting, students from all over the world were able to discuss their proposals and research situation to other fellow PhD candidates and the already mentioned distinguished senior scholars in e-government, e-democracy and e-participation. Didactically, the approach taken was to let students present the state of work of another fellow student. This triggered interesting points of view and important questions as well as remarks on content, process and additional open issues by the other students and gave the respective PhD candidate a splendid view on his/her proposal from “outside”. Next to discussing content-related issues on the proposals, the group of scholars also gave the students valuable information on e.g. time-management, conflict solving with supervisors and literature research etc.

After the first day full of work, the PhD colloquium group spent the evening together in the picturesque city center of Koblenz. The next day also was the first official conference day – however the PhD colloquium group worked further on their agenda during this day. In a nutshell, a lot of dissertation-related topics became clear(er) to students and useful hints and ideas were provided to them. Every participant appreciated this unique opportunity that was gently co-organized by IFIP WG 8.5 on Information Systems in the Public Sector and the eGovPoliNet consortium.

# Prof. Dr. Dr. h.c. mult. Wilfried Brauer

IFIP is sad to announce that one of Germany´s pioneers in Informatics and great contributor to IFIP, Wilfried Brauer, passed away on February 25, 2014 in Bonn at the age of 76.

Born in Berlin (August 8, 1937), Wilfried studied Mathematics, Physics and Philosophy at Technical University of Berlin. He received his doctor (PhD) degree at Bonn University (1966), followed by his Habilitation (1970), a German degree to qualify for professorship. Following some of Germany´s first lectures on "Algorithms and Formal Languages" at Bonn university (1967-1970) where he also co-authored the first German Informatics textbook, he was appointed first professor for Informatics at Hamburg university. As founding professor, he established the Institute (now Faculty) for Informatics with special focus on the development of a multidisciplinary curriculum. In his research area, he was chair of the research group on "Theoretical Informatics" until 1985 when he became the first professor on the Chair of Theoretical Computer Science and Foundations of Artificial Intelligence at Technische Universität München (Technical University of Munich).

Wilfried Brauer succeeded to establish an engaged cooperative group of people working in Theoretical Computer Science. Among the uncounted number of students, he assisted in the development of 70 doctor (PhD) degrees and 13 habilitation works. He also supported 25 students to become professors with research and work in such diverse areas as Petri and Neuronal Nets, Image and Speech Processing, Databanks, Machine Learning and Verification.

Wilfried Brauer was a very engaged member of German Informatics Society (GI) since 1967. Besides being an active supporter of the development of Informatics curricula, he founded and shaped GI´s public face as chief editor of the regular magazine "Informatik Spektrum" for 20 years of important developments. In this work, as in many other functions, he was actively supported by his wife Ute who also published with him their joint resume "20 Years of Informatik Spektrum" (1998). Besides many other functions, Wilfried Brauer was president of German Informatics Society (1977-1979), and he supported his successor as member of the presidial board (1979-1982). In 2000, Wilfried Brauer was elected Honorary Member of GI.

Wilfied Brauer was an engaged representative of German Informatics on international forums. In Europe, he co-founded the European Association for Theoretical Computer Science (EATCS) in Paris (1972), where he was elected as member of its General Assembly (1973), and he acted as EATCS president (1994-1997).

In IFIP, Wilfried Brauer was highly engaged in many areas and functions. Starting in IFIPs TC-3 "Education", he was an active member of the International Program Committee of TC-3s World Computer Congress on Education (WCCE) in Marseille (1975). He was an impressive missionary for development of education, as he contributed related papers to several IFIP World Computer Congresses, among them a paper „Better Tools – Less Education?" in San Francisco (1989) which he jointly wrote and presented with his wife Ute.

As co-author of the IFIP-UNESCO "Modular Curriculum in Computer Science" (1984), he was an important contributor to the studies of Informatics and Computer Science in many countries. Wilfried Brauer was an engaged German representative, and he was TC-3´s vice chair and subsequently TC-3 chair (1985-1990).

In IFIP General Assembly, Wilfried Brauer represented Germany from 1987 until 1998. Among several important functions, he was chair of the Publication Committee as well as of Technical Assembly. From 1994 until 1998, he was IFIP Vice President. Among many events which he shaped as chair or member of the related Program Committees, his activities as chair of the International Program Committee of IFIP World Computer Congress in Madrid (1992) as well as his activity as General Congress Chair of IFIP World Computer Congress in Hamburg (1994) will remain in our memories as outstanding contributions.

Wilfried Brauer was elected ordinary member of the Bavarian Academy of Sciences, Academia Europaea and of acatech. He received many distinctions and honors, among them IFIP Silver Core (1986) and Isaac L. Auerbach Award (2002), the Werner Heisenberg medal of the Alexander von Humboldt Foundation (2000), as well as honorary doctor degrees of Hamburg University and Free University of Berlin.

The IFIP community and all who knew him will miss Wilfried Brauer as committed and passionate colleague and friend. Our thoughts are with his wife Ute who was also a very active supporter of IFIP, as she was Wilfried´s closest collaborator.

Photo provided by Technical University of Munich, Germany

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

| | | |
|---|---|---|
| New Technologies, Mobility and Security http://www.ntms-conf.org/ | **NTMS** | **30/03-02/04 2014** Dubai, AE |
| 2014 / 10th International Conference on Design of Reliable Communication Networks http://www.drcn2014.org/ | **DRCN2014** | **01/04-03/04 2014** Ghent, BE |
| Conference on Wireless On-demand Network Systems and Services http://2014.wons-conference.org | **WONS** | **02/04-04/04 2014** Obergurgl, AT |
| International Conference on Cloud Computing and Services Science http://closer.scitevents.org/ | **CLOSER** | **03/04-05/04 2014** Barcelona, ES |
| Doctoral Conference on Computing, Electrical and Industrial Systems http://sites.uninova.pt/doceis | **DoCEIS`14** | **07/04-09/04 2014** Costa de Caparica, PT |
| Traffic Monitoring and Analysis http://www.tma-portal.eu/ | **TMA** | **14/04-14/04 2014** London, GB |
| Information & Communication Technology-EurAsia Conference http://www.ifs.tuwien.ac.at/ict-eurasia/ | **ICT-EurAsia 2014** | **14/04-17/04 2014** Bali, ID |
| IFIP First International Workshop on Design Space Exploration of Cyber-Physical Systems (IDEAL) http://www.dsecs.org | **IDEAL** | **14/04-14/04 2014** Berlin, DE |
| 2014 IEEE/IFIP Network Operations and Management Symposium http://noms2014.ieee-noms.org/ | **NOMS 2014** | **05/05-09/05 2014** Krakow, PL |
| 10th International Conference on Open Source Systems http://oss2014.case.unibz.it/en/index.html | **OSS2014** | **06/05-09/05 2014** San Jose, CR |
| International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks http://www.wi-opt.org/ | **WiOpt 2014** | **12/05-16/05 2014** Hammamet, TN |
| Conference on Optical Networking Design and Modeling http://www.ict.kth.se/ondm2014/ | **ONDM** | **19/05-22/05 2014** Stockholm, SE |
| Wireless and Mobile Networking Conference http://wmnc2014.uc.pt/ | **WMNC 2014** | **20/05-22/05 2014** Vilamoura, PT |
| The 15th International Conference on Informatics and Semiotics in Organisations: Service Science and Knowledge Innovation http://http://www.orgsem.org/2014 | **ICISO2014** | **23/05-25/05 2014** Shanghai, CN |
| IFIP WG 13.6 strategy retreat https://sites.google.com/site/hwid2014madeiraworkshop/ | **HWID-SR** | **23/05-26/05 2014** Maderia, PT |
| Creating Value for All through the Transfer and Diffusion of IT http://ifip2014.cs.aau.dk | **WG8.6 2014** | **02/06-04/06 2014** Aalborg, DK |
| IFIP Networking 2014 Conference http://networking2014.item.ntnu.no | **Networking 2014** | **02/06-04/06 2014** Trondheim, NO |
| DSS 2.0 – Supporting decision making with new technologies http://dss20conference.wordpress.com/ | **DSS2.0** | **02/06-05/06 2014** Paris, FR |
| IFIP International Information Security and Privacy Conference http://www.ensa.ac.ma/sec2014/ | **IFIP SEC** | **02/06-04/06 2014** Marrakech, MA |
| International Federated Conference on Distributed Computing Techniques http://www.discotec2014.tu-berlin.de/ | **DisCoTec 2014** | **03/06-06/06 2014** Berlin, DE |
| The 2014 Dewald Roode Workshop on Information Systems Security Research, IFIP WG 8.11/WG11.13 http://ifip.byu.edu | **DRW** | **16/06-17/06 2014** Newcastle, GB |
| International Conference on Entertainment Computing http://icec2014.info | **ICEC** | **18/06-21/06 2014** Sydney, AU |
| IEEE/IFIP International Conference on Dependable Systems and Networks http://www.dsn.org | **DSN** | 23/06-26/06 2014 Atlanta, US |
| 8th International Conference on Autonomous Infrastructure, Management and Security http://www.aims-conference.org/2014/ | **AIMS 2014** | 30/06-03/07 2014 Brno, CZ |
| international Workshop on Information Security Theory and Practice http://www.wistp.org | **WISTP** | 31/06-02/07 2014 Heraklion, GR |

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|---|---|---|
| Key Competencies in Informatics and ICT http://informatikdidaktik.de/IFIP2014 | **KEYCIT** | **01/07-04/07 2014** Potsdam, DE |
| Key Competecies for Educating ICT Professionals http://informatikdidaktik.de/IFIP2014 | **KCICTP** | **01/07-04/07 2014** Potsdam, DE |
| Key Competencies in Informatics and ICT: Implications and Issues for Educational Management http://informatikdidaktik.de/IFIP2014 | **ITEM** | **01/07-04/07 2014** Potsdam, DE |
| IFIP WG 11.11 International Conference on Trust Management http://trust.sce.ntu.edu.sg/~ifiptm14/ | **IFIPTM** | **07/07-10/07 2014** Singapore, SG |
| Mathematics in Engineering, Science and Aerospace world congress http://icnpaa.com | **ICNPAAA 2014** | **15/07-18/07 2014** Narvik, NO |
| Human Choice and Computers: ICT and Society http://www.hcc11.net | **HCC11** | **30/07-01/08 2014** Turku, FI |
| 4th Conference on the History of Nordic Computing http://HiNC4.org | **HiNC4** | **13/08-15/08 2014** Copenhagen, DK |
| The 5th International Conference on Well-being in Information Society http://www.marebalticum.org/brehca/index.php?option=com_content&view=article&id=116&Itemid=131 | **WIS2014** | **18/08-20/08 2014** Turku, FI |
| 27th Symposium on Integrated Circuits and Systems Design (SBCCI) http://www.chip-in-aracaju.ufs.br | **SBCCI 2014** | **01/09-05/09 2014** Aracaju, BR |
| Artificial Intelligence for Knowledge Management http://innovation-ecosystems.eu and on https://fedcsis.org/kam | **AI4KM** | **07/09-10/09 2014** Warsaw, PL |
| IFIP Summer School on Privacy and Identity Management for the Future Internet in the Age of Globalisation http://ifip2014.cti.gr/ | **IFIPSchool2014** | **07/09-12/09 2014** Patras, GR |
| International Cross Domain Conference and Workshop on Availability, Reliability and Security http://cd-ares.ares-conference.eu | **CD-ARES 2014** | **08/09-12/09 2014** Fribourg, CH |
| Artificial Intelligence Applications and Innovations 2014 http://www.delab.csd.auth.gr/aiai2014 | **10th AIAI 2014** | **19/09-22/09 2014** Rhodes, GR |
| The 26th IFIP International Conference on Testing Software and Systems http://antares.sip.ucm.es/ictss14/ | **ICTSS 2014** | **23/09-25/09 2014** Madrid, ES |
| Joint IFIP TC6 and TC11 Conference on Communications and Multimedia Security http://www.ieeta.pt/CMS2014 | **CMS** | **25/09-26/09 2014** Aveiro, PT |
| 22nd IFIP/IEEE Conference on Very Large Scale Integration http://www.inaoep.mx/vlsi-soc2014 | **VLSI-SoC 2014** | **06/10-08/10 2014** Playa del Carmen, MX |
| 2014 International Conference on Cyberworlds http://www.cw2014.unican.es | **CW 2014** | **06/10-08/10 2014** Santander, ES |
| 15th IFIP Working Conference on Virtual Enterprises http://www.pro-ve.org | **PRO-VE 2014** | **06/10-08/10 2014** Amsterdam, NL |
| 6th International Workshop on Reliable Networks Design and Modeling http://www.rndm.pl/2014/ | **RNDM 2014** | **06/10-08/10 2014** St. Petersburg, RU |
| 7th International Workshop on Communication Technologies for Vehicles http://www.nets4cars.eu | **Nets4Cars-2014-Fall** | **06/10-08/10 2014** St. Petersburg, RU |
| Computer Technology in Russia and in the Former Soviet Union http://sorucom.ru/en/ | **SoRuCom 2014** | **13/10-17/10 2014** Kazan, RU |
| Forum on specification and Design Languages http://www.ecsi.org/fdl | **FDL** | **14/10-16/10 2014** Munich, DE |

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