The International Federation for Information Processing (IFIP), in partnership with the Department of Information Technology (DIT), Government of India, is organising the 5th World IT Forum (WITFOR) in New Delhi on April 16th-18th, 2012.

WITFOR has emerged as a unique global platform to bring together different stakeholders involved in the application of Information and Communication Technologies (ICT) for sustainable development. After Lithuania, Botswana, Ethiopia and Vietnam, WITFOR now moves to India, one of the world’s fastest growing economies and a crucible for several ICT initiatives in development. As the venue for the 5th WITFOR, India seeks to add unique value to the dialogue – as a country with a distinctive combination of enormous developmental challenges and globally proven ICT capabilities to address them. Like its previous editions, the goal of WITFOR 2012 is to highlight the successful application of ICT for development, with a focus on replicable projects that combine research, policy and practice, as well as successful ‘resourcing’ of the same.

The growing use of ICT, especially its role in providing sustainable development, continues to throw up newer questions and challenges every day – for policymakers, innovators and ordinary users alike. Some of these are often specific to a country, society or community, but many of these issues cut across geographies and require a wider debate between different stakeholders.

Under the overall theme of ‘sustainable human development’, WITFOR 2012 seeks to bring together ‘problem solvers’ from across the globe to discuss and debate the potential use, impact and challenges of the use of ICT in four key areas: health, education, agriculture and e-governance. The conference will bring together political leaders, policymakers, government officials, International Organisations, NGOs and private companies working in the field of IT for development.

At the heart of the conference are basic questions like: does ICT have a significant impact on development? Can isolated models of success provide affordable and accessible solutions that can change the lives of ordinary people? What distinguishes successful models of innovation and implementation from those that have failed? How can these be scaled up and replicated to provide better, cheaper and more inclusive solutions across the board? What, if any, are the real ‘business outcomes’ of the use of ICT for development? These, and other questions will be addressed under the four themes: Health, Education, Agriculture and E-governance.

Health: Despite the allocation of a large amount of funds each year, most countries are struggling to scale up the delivery of quality health services to make healthcare both accessible and affordable, while looking for ways to train primary health workers, especially in remote areas. ICT can help in the creation of viable public health management systems, as well as fill in crucial gaps in managing both health information and human resources. Timely flow of information and the use of ICT for disease surveillance and evidence-based decision-making can have a positive impact on health outcomes. Government interventions in primary healthcare and advances in telemedicine and health informatics are also areas where the use of innovative technologies can help make a visible difference.
(Continued from page 1)

**Education:** ICT is increasingly being used as a tool in the field of education to diversify teaching methods, integrate classrooms, improve learning, train teachers and impart vocational skills to children in an attempt to make quality education accessible to all. Some of the most visible examples of the use of new technologies are in the digitisation of content, the vocationalisation of secondary-level education, improved evaluation and assessment techniques, provision of open and distance learning for a well-blended curriculum and for much-needed capacity building. India is not alone in its attempts to harness the power of a young population by adapting new and innovative educational tools in its quest to build a quality workforce to power its future.

**Agriculture:** Even as there is a marked shift in the balance of power between the services and agriculture sectors, large parts of the global population are still primarily dependent on agriculture. They are often at the mercy of weather conditions, poor quality of information and the increasing threat of climate change. The use of ICT in agriculture offers hope in the areas of food security and public distribution, knowledge transfer, improving both productivity levels and farmers’ quality of life and for agrarian entrepreneurship and ‘resourcing’. Better weather forecasting, soil mapping, management of land records and surveys can offer integrated and inclusive solutions to local problems and address general issues related to a fragile profession, especially with the increasing proliferation of low-cost mobile technology in remote, rural areas.

**E-Governance:** With an increasing focus on transparency, efficiency, accessibility and the promise of time-bound services, governments around the world are trying to bridge the distance between the State and its citizens. From e-procurement to open government, capacity building to fighting corruption and financial inclusion to biometric authentication frameworks for the disbursement of social security benefits, ICT is powering the State’s agenda of delivering ‘anytime, anywhere’ services to its citizens across the globe. While some countries are encouraging citizens to step up and participate in a new form of open governance that is powered by innovation and the increasing availability of information, others are using high-powered networks and low-cost devices to bring government services to their doorsteps.
Message from the President

Dear readers, dear IFIP volunteers and potential volunteers, dear boards and members of our member societies,

I had the pleasure of previewing this Newsletter and it amazes me every time again how active our federation, our member societies and our volunteers are. Many events are organized, ranging from smaller workshops to large conferences of hundreds of participants, covering all areas of our broad ICT field, presenting technical and scientific research work as well as the application of ICT, addressing the interests and needs of academics, industry and developing communities. After reading this Newsletter, you will agree with me that we are a very vibrant community. And this is only a fraction of our activities. You are encouraged to search for other events of your interest on our website and those of our Technical Committees and Working Groups.

I am proud and honoured to chair this enthusiastic and active community and I derive a lot of much needed energy from it. My first year as president has been a very exciting year with many challenges and even more opportunities. We are modernizing our operation, we are increasing our added value for our members, we are opening up to new constituencies, we are increasing our impact in a number of areas, we are increasing our visibility and presence in a number of important world organizations. And we will continue to do so.

In the last General Assembly we have discussed a lot about the role of IFIP and the added value of being a member. An action item for me is to write a note on this for further discussion. I have already had the chance to talk to a number of societies and volunteers and more will follow. All efforts are aimed at answering the question: What’s in it for me? However, I feel that this approach must be complemented by an additional one. Don’t only ask what’s in it for me, but ask yourself how you can contribute to increase the value of IFIP to its member societies and their members and thus to yourself. The more you bring, the more you get out of it. By being active in many different roles during the last fifteen years or so, IFIP has offered me a great opportunity to look beyond the boundaries of my own profession, of my own company, of my own country. It has enlarged my network of professionals, many of whom I would have never met without IFIP and its member societies. I have gained insights that I would not have gained so easily otherwise. Don’t wait until we bring you something that you might be interested in, come and get it. And if we are not delivering what you are looking for, tell us and help us in increasing our added value.

I wish you a healthy and prosperous 2012 with lots of energy and activities, not in the last place within IFIP. I look forward to your reactions and input.

Leon Strous
IFIP President
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The First IFIP World CIO Forum Achieved Great Success

The first IFIP World CIO Forum was held on 1-4 Nov at Shenzhen, China. The event was sponsored by the International Federation of Information Processing (IFIP) and organized by the Chinese Institute of Electronics (CIE). 800 participants from 50 countries, including CIO’s, decision makers, government officials and academics attended the event. During the 4 days, there were 55 presentations, 10 panel discussions, 7 parallel sessions and 3 tracks and 2 technical tours. The themes of the World CIO Forum were cloud computing and business opportunities, sustainable development and green IT, CIO role and influence, information security and informatization strategy.

The first IFIP WCF had substantive support from IFIP members, the Ministry of Industry and Information Technology of the People’s Republic of China, the China Association for Science and Technology, the Advisory Committee for State Informatization and the People’s Government of Shenzhen. And Huawei, Lenovo, Kingdee and Teradata sponsor this event.

On the first day plenary meeting, Wu Jichuan, the Chairman of CIE, Zhou Zixue, the chief economist of Ministry of Industry and Information Technology, Tang Jie, the vice mayor of Shenzhen, and Leon Strous, the president of IFIP adressed the audience during the opening remarks.

Wu Jichuan, the chair of the first IFIP WCF, and chairman of CIE opened the plenary meeting and gave his view on the role and mission of CIOs: “CIOs have been empowered with a greater mission and responsibility than ever before. In a society where information technology develops at a fast pace and information service models continue to update and innovate, and in a world where different patterns of economic development co-exist, it is a big task to find out how to better leverage information technology for product innovation and business transformation as well as promoting the cooperation and harmonious development of all economies in the joint efforts of human civilization.”

(Continued on page 5)
During the plenary meetings on 1st and 2nd, August Scheer, the renowned business process management expert, Li Yue, president of China Mobile Communication corporation, Zhang Jiping, deputy General Manager of China Telecommunication Corporation, Magnus Carlander, CIO of Volvo Group, John Roe, senior Vice President and general manager of Huawei north America R&D organization, Chen Xudong, senior vice president of Lenovo, Zhang Liangjie, senior vice president of Kingdee, Aaron Hsin, CEO of Teradata Great China, Wu Yusheng, CIO of State Grid, Maria Klawe, board member of Microsoft and Yao Jianquan, academician, gave impressive keynote presentations.

On the afternoons of the 1st and 2nd of November, there were 7 parallel sessions, namely Mobile Network Innovation, Green IT and Green Economy, Cloud Computing and Information Innovation, CIO Leadership, Finance Innovation, Manufacturing Competition 2.0 and E-government. The participants shared their knowledge and experience in good discussions with the presenters. In addition, the Forum provided also during the breaks an excellent opportunity to discuss with international colleagues topics of common interest and to learn from each other’s experiences in different environments.

On the 3rd of November more than 150 participants visited Huawei Technologies Co., Ltd and Kingdee International Software group Company Limited. Both companies demonstrated their latest applications, solutions and R&D products.

The first IFIP WCF opens up the pathway for communication and cooperation among geographic regions. IT executives and CIOs across the globe will share their knowledge and will help the participants in their decision making, strategy planning and informatization improvement. Many participants already expressed their interest to continue the contact with each other and said to be looking forward to the next IFIP WCF.
UNESCO-IITE and IFIP-TC3 have signed a Memorandum of understanding

In Moscow, on November 15, 2011, a Memorandum of Understanding was signed between IFIP TC3 and the UNESCO Institute for Information Technologies in Education (IITE).

Strong links exist for a long time between the two institutions: Two TC3 people are members of the IITE Governing Board; IITE uses frequently TC3 experts for missions, expertise and consultancy, and there is often reciprocal participation in events. IFIP TC3 played a central role in recent IITE conferences, such as in St Petersburg, Ulaanbaatar and Baku.

The new MoU will enhance co-operation, common events and meetings, workshops, and will help developing common projects and sharing reflections in the field of ICTs in Education.
News from ATI, Spain

Luis Fernandez-Sanz, new vicepresident of CEPIS

Luis Fernandez-Sanz, vicepresident of ATI (www.ati.es) the most veteran and largest association of informatics professionals in Spain and the Spanish member society of CEPIS and IFIP, has been elected Vicepresident of CEPIS for the next two years in the last Council held in Brussels past 17th November. Luis has been serving ATI from 1999 as chairman of the Software Quality group and as member of the executive board from 1997: he has also collaborated with CEPIS in the Task Force of Professionalism and as chairman of the Special Interest Network on Software Quality. He is with Universidad de Alcala as assistant professor specialized in Software Quality and Engineering as well as in human factors and profession issues in Information Technologies. With more than 20 years of experience in three different universities as well as CEOs in a SME of IT services, Luis is also engaged in the promotion of the Spanish National Point of Contact of the European initiative ECWT (www.womenandtechnology.eu) for women and technology.

ATI promoted a debate with female CIOs in FICOD

The main fair on digital contents and industry in Spain FICOD (www.ficod.es) includes within its large program of activities a debate on the presence of women in the IT profession. This event was promoted by ATI (www.ati.es), the largest association of informatics professionals in Spain and member society of IFIP, with the collaboration of the Spanish branch of CIONet (http://www.cionet.com/). ATI is in charge of the Spanish National Point of Contact (NPOC) of the European initiative ECWT (www.womenandtechnology.eu) for women and technology.

In this activity, the chair of the ATI NPOC, Dr.Idoia Alarcón, requested the opinion on different challenges referred to the presence of women in IT from three outstanding representatives of women in top positions of technology (CIO level) in important organizations of Spain: Idoia Maguregui (Novagalicia bank), Yolanda Sandonis (Carrefour Spain) and Ana Araujo (Ministry of Science and Innovation). They agree that the low percentage of women in technical positions as well as in IT degrees in universities is not a good thing for the future of the Society as forecasts announce a gap between demand and offer of qualified workers. Also low gender diversity in technical teams is currently leading to an under desirable level of benefits for organizations which are facing difficulties to address the correct service and innovation to customers and users both in IT products and services. A summary of the dialogue has been published in the ATI website. Attendants expressed their gratitude to the NPOC and the panelists for this type of event with scarce presence in big events and fairs. More activities of the NPOC (some of them linked to the European e-skills week) have been planned for 2012.
New Chair Appointed
Brenda Aynsley, ACS Fellow and Honorary Life Member of the Australian Computer Society (ACS) has been appointed as the new Chair. She was unanimously elected to this position at the IP3 AGM (held as a virtual meeting) on Thursday 22 September 2011.

Brenda’s two passions in life: to promote the value of professionalism as a necessary condition for all practitioners of ICT; and to promote the Internet as a communications medium that can enable and empower citizens and communities, are so in tune with what IP3 aspires to, that we are certain that she will lead us to great things.

IP3 half year report Jan - June 2011
The first half of 2011 was a period of difficult change for IP3 but from which it emerged stronger. The February IP3 Board meeting revealed widespread concern amongst Board members concerning the sustainability of IP3 as set out in the draft Business & Operational Plan submitted to them by the then Chair and Executive Officer. The previous Board meetings in September and December 2010 had requested a sustainable budget. The February IP3 Board meeting approved three resolutions:

1. Request to Chair & EO to produce balanced budget by May 1st 2011 otherwise all unfunded activities were to cease including an orderly wind down of the EO office;
2. Proposal for an independent IP3 Standards & Accreditation Board (SAB) to be drafted within one month (by mid March);
3. Funding for accreditation to be ring fenced within IP3 reserves.

The EO’s office was disbanded on 1 March 2011.

In April 2011 the IP3 Board accepted Greg Lane’s resignation. Roger Johnson was elected in early May to replace him. The subsequent May Board meeting approved a sustainable budget for the remainder of 2011 and a balanced budget for 2012. The IFIP auditor signed off the IP3 accounts from its foundation to the end of 2010. Work on trade-marking of IP3 continued and was successful amongst Madrid Protocol signatories. IP3 continued to recruit new members which subsequently led to Korea joining IP3.

Global Industry Council (GIC)
The IFIP IP3-GIC is a first of its kind focusing on Computing as a Profession, which will further align computing with organizational strategy and business agility driving innovation, entrepreneurship, business growth, regional GDP growth, high yield investment opportunities, and regional economic development. IP3 have new nominations for this body on a continual basis. As at 1 December 2011, the GIC Directors are (listed alphabetically):

- Husin Ahmad, Vice President Human Resources Services, ACS - A Xerox company
- Gregor Bailar, business strategist, IT innovator and philanthropist
- Venkataraman Balaji, Director, Technology & Knowledge Management, Commonwealth of Learning
- Declan Brady, CTO at Fujitsu Services Ireland, Vice President for Professionalism and Skills of the Council of European Professional Informatics Societies (CEPIS)
- Dr. Bob Chu, CTO Open Group (China), Board Director Board of Governors Open Group, Chief Enterprise Architect and Scientists Kingdee Research, Kingdee International Software Group
- Thomas Dawkins, Senior Audience Marketing Manager at Microsoft Corporation
- Moira de Roche, Consultant, Talent Align Consulting, and Director Computer Society South Africa
- Jeff Kempiners, VP Client Group Executive, Avanade
- Alex Lin, CEO and Founder, ChinaValue
- Bill Miller, Herbert Hoover Professor of Public and Private Management Emeritus, Computer Science Professor Emeritus, past-Provost, Stanford University
- Eliezer Manor, Angel Investor, Shirat Enterprises Ltd.
- Tan Moorthy, Senior VP and Group Head Education and Research Infosys Limited
- John Oxley, Director Evangelism/Director of Marketing, Microsoft
- Kumar Parakala, COO KPMG Advisory, Head of IT Advisory KPMG in Europe, Middle East, Africa (EMA) and India
Professor Reinhard Posch, CIO for the Austrian Federal Government
Kishore Swaminathan, Chief Scientist and Founding Director of Technology Labs, Accenture

IP3 at World CIO Forum (WCF)
The World CIO Forum (WCF) was a great success. IP3 vice-chair Stephen Ibaraki was invited by WCF host CIE as WCF vice-chair international advisory board in the capacity as founder and chairman of Global Industry Council (GIC), past chairman and president of CIPS (2007/8), founding chairman of GITCA (2008/9), Microsoft Most Valuable Professional annual awardee (MVP, 2006-2011). Stephen arranged many of the speakers including keynote Dr. Maria Klawe and provided added web support for the WCF.

A collaborative outcome from the WCF was the Global CIO Declaration which includes support for Professionalism: “We, a group of Chief Information Officers (CIO) from different continents, nations, and industries around the globe … jointly and solemnly DECLARE that in the spirit of innovation, opening and a Win-for-All, and with the concept of promoting revolution in science and technology: We strive to support IT industry and professionalism of IT career.”

ITValue was the principal CIO media partner for the event and Stephen worked with their chief editor who managed the CIO Leadership section of the WCF with the CIO of GE China. The many relationships formed throughout the event will be of value to Professionalism and IP3. Photos and descriptions from the WCF: http://journal.itvalue.com.cn/journal/blog/no_87-2/ (provided by ITValue).

IP3 going forward
The IP3 Board held a face to face meeting in Vancouver, during which they developed a concrete plan for operating on a more business-like footing.

2012 promises to be an interesting and very busy year for all members of IP3, not just the Board! The Board agreed at its last meeting in 2011 to revert to a more task force oriented mode of operation. The Board will still meet to make decisions but all members will be invited and encouraged to participate in developing and delivering on the business plan.

A recent visit to India by the IP3 Chairman has been most informative and has identified new directions for us to take. It's too soon to be more detailed than this since the visit only ended last week and the information is still being distilled.

New contacts have been established with Taiwan, the Philippines, Nepal, Vietnam and Myanmar who were invited to participate in the recent SEARCC (www.searcc.org) Conference in Mumbai organized by the Computer Society of India. During the conference, a Developing Nations forum was conducted to establish and understand the needs of the participating countries with respect to ICT and professionalism. This was largely funded by an IFIP grant and was held at the SEARCC Conference venue. The President of IFIP also participated in this Forum as did the IP3 Chairman.

Conclusions to be drawn from this visit, is that the work of the IP3 project is considerable AND exciting. The vision of IP3 is one of achievement around

A vigorous program to promote professionalism in IT, define international standards and create a global infrastructure that will encourage and support the development of both practitioners and employer organizations.

An international IT profession, equivalent in prestige and structure to other established professions such as law, accountancy and medicine.

The creation of a worldwide set of professional certification schemes recognized as the hallmark of true IT professionalism, delivered through independent national member societies and supported by development frameworks for both individuals and organizations.

A program which reaches beyond the developed world to encourage and facilitate the development of IT capability within emerging nations.

IP3 can achieve that only through the efforts of its member organisations, supporters and those committed individuals who have been with us on the journey, some from day one, others more recent.

We invite you to not only watch our progress, but contribute to it. Come along for the ride and create history. In the next 20 years when we evaluate our progress, at the various checkpoints, we will rightly claim our place amongst the leading global professions.
**Website and Politeia special issue**

**Website:** The working group is very proud to announce the new launch of its website [http://ifipwg92.org/](http://ifipwg92.org/), thanks to the hard work of member, Catherine Flick, and constructive ideas from Magda Hercheui, Iordanis Kavathatzopoulos and Norberto Patrignani. We will build the site up steadily in terms of content. I already know that several of you are happy to submit more materials (please see instructions on the site). We are also hoping to build up incrementally a discussion mechanism that will operate around designated topics year-round.

**Politeia special issue journal:** A successful WG9.2 workshop was held jointly with WG9.9 in Milan, Italy in June 2011 on social accountability and sustainability in the information society: perspectives on long-term responsibility. The Politeia journal will be publishing a special issue with papers developed out of the workshop. These papers are all now in the last phases of either preparation or review. More news once the special issue is published!

**Events and activities in 2012 involving WG9.2**

**First workshop in 2012:** The workshop will take place on Saturday February 4, 2012 in London, United Kingdom. A half-day business meeting will follow it on Sunday February 5, 2011. The workshop is likely to be preceded by a SIG 9.2.2 framework on ethics meeting on Friday February 3, 2011. More details on this before the festive season begins.

**Second workshop in 2012:** Current thoughts are to organise a workshop in the June 2012 time-period.

**Human Choice and Computers conference, 27-28 September 2012:** This conference, which is being organised by our working group – among others – will be held in the Netherlands on the topic of "ICT infrastructures and society". (This is a topic our working group put forward to the programme committee in June 2011 and on which a number of our members sent further ideas in October 2011.) Computing society country representatives and other working group/special interest group chairs, please note that the conference is likely to be either preceded or followed by a technical committee 9 computers and society one-day meeting. More details on this too would be anticipated before the festive season begins.

**Information from working members or friends on events and activities in 2012**

EGAIS project third consortium workshop will take place in Namur on January 12-13 2012. A call for the submission of short papers closes at the end of November 2011. See: [http://www.egais-project.eu/](http://www.egais-project.eu/)

Around February 2012, the newly relaunched European Group on Ethics will publish an Opinion on the ethics of ICT. The Group is currently in the process of finalising the evidence it received from public hearings and a public consultation. See [http://ec.europa.eu/bepa/european-group-ethics/index_en.htm](http://ec.europa.eu/bepa/european-group-ethics/index_en.htm);

In recognition of the Turing Centenary, the society for the study of Artificial Intelligence and the Simulation of Behaviour (AISB) will be holding a joint meeting with the International Association of Computing and Philosophy (IACAP) on July 2-6, 2012 in Birmingham, UK. [http://www.aisb.org.uk/convention/aisb12/](http://www.aisb.org.uk/convention/aisb12/)

IADIS ICT Society and Human Conference, Lisbon, Portugal, July 21-23, 2012. The conference is based on the convergence model of Gunilla Bradley (a former IFIP WG9.2 Namur Award winner for her work on the international aspects of the social accountability of computing). The conference includes several broad concepts that are increasingly interacting with an accelerating speed: ICT; Globalization; Life Environment: Life Role; and Effects on Humans. The first call for papers ends on January 23, 2012. [http://www.ict-conf.org/2012](http://www.ict-conf.org/2012)

Trust management is by nature a “horizontal” multi-disciplinary area that brings together communities that have been nurtured so far different “vertical” areas such as reputation systems, security, identity and access management, social networks, risk and compliance, formal models, legal IT, economics, etc. IFIPTM is a series of international conferences organised under the steering of the Trust Management Working Group of the International Federation for Information Processing (IFIP WG11.11).

IFIPTM 2012 will be the 6th International Conference on Trust Management under the auspices of IFIP. Previous IFIPTM conferences have taken place in Denmark, Japan, USA, Norway and Canada. IFIPTM conferences continue a successful series of events on trust management such as the events of the iTrust community in Europe at the dawn of the 21st century.

The mission of the IFIPTM 2012 Conference is to share research solutions to problems of Trust and Trust management, and to identify new issues and directions for future research and development work. IFIPTM 2012 invites submissions presenting novel research on all topics related to Trust, Security and Privacy, including:

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<th>Security, trust and privacy in Information Technology</th>
<th>Social-Technical, Economic and Socio-logical Trust</th>
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<td>Formal aspects (specification, reasoning , analysis)</td>
<td>Economic modeling of trust, risk and control; economics of trusted data quality</td>
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<td>Trust-based and trust-aware IT policy management</td>
<td>Trust, control and reputation effects in social networking, e- and m-commerce</td>
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<td>Trust social networks and emerging contexts</td>
<td>Trust and sociomateriality; Socio-technical action network structures; Biological trust</td>
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<td>Trust in collaborative applications, crowd-sourcing and wiki systems</td>
<td>Ethical, sociological, psychological, legal aspects</td>
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<td>Human-computer interaction and usable systems</td>
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<th>Trust and reputation management systems</th>
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<td>Metrics and computation</td>
<td>Identity and personal information brokering</td>
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<td>Applications</td>
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<th>Trustworthy systems</th>
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<td>Platforms and standards</td>
<td>Trust in Cloud environments</td>
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<td>Software and services</td>
<td>Large Identity Management Systems like UID/SSN, Banks, Mobile user groups</td>
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<td>Applications</td>
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Submission deadline is January 28th, 2012. For further details please visit http://s.ifiptm.org/conf2012
International Conference for Interactive Television
„Bridging People, Places and Platforms“
Berlin from 4th till 6th of July 2012

With EuroITV Fraunhofer FOKUS hosts the international Conference for interactive television in Berlin.

Up until the 21st of January 2012 full papers can be submitted.

Fraunhofer FOKUS' competence center Future Applications and Media is proud to host the 10th anniversary edition of the International Interactive TV Conference EuroITV from 4th through 6th of July 2012. Besides the Conference the Three-Day-Event under the slogan “Bridging People, Places & Platforms” includes tutorials and workshops.

The event gathers experts and industry representatives in Berlin to discuss the current development and future trends in IPTV standards, mobile TV, digital content production, entertainment computing, usability and user experience evaluation, changes and challenges in technical requirements and infrastructure as well as new advertisement concepts and business models for television.

EuroITV is the leading international conference for media and interaction related to video and television. This year’s theme of “Bridging People, Places and Platforms” focuses on synergies to support current practice and to explore new perspectives – empowering users to interact with content and each other across localities and across various delivery platforms and media.

"We are very proud to host the 10th EuroITV and look forward to innovative, high quality papers submissions addressing how digital technologies open up new ways of creation and consumption of interactive content." says Dr. Stefan Arbanowski, head of department at Fraunhofer FOKUS and one of the main coordinators of EuroITV

The EuroITV 2012 conference consists of three tracks - “Human-Computer Interaction”, “Media, Social and Economic Studies” and “Systems and Enabling Technologies”, each with its own program committee and separate track chairs, coordinated by two overall program chairs. General chairs for the conference are Future Applications and Media heads Dr. Stefan Arbanowski and Dr. Stephan Steglich. Local chair for the event is research fellow Robert Kleinfeld.

Calls for participation are open as follows: Full paper submissions until 21st January 2012; Short paper, posters, doctoral consortium and demonstrations submissions until 4th March 2012. The main conference proceedings will be published by the Association for Computing Machinery - www.acm.org. Selected papers will be shortlisted for submission to special edition journals.

www.euroitv2012.org

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The PLM International Conference brings together researchers, developers, and users of PLM. The conference aims at involving all stakeholders of the wide concept of Product Lifecycle Management, hoping to shape the future of this field and advance the science and practice of enterprise development. The conference is organized by the IFIP Working Group 5.1 on Global Product Development for the whole lifecycle.

PLM12 will take place in Montreal, Canada. As Canada’s first touristic destination, the city of Greater Montréal is the largest bilingual (English and French) metropolis in North America. Montreal is part of the aerospace world centers, with industry leaders such as Bombardier Aerospace, Bell Helicopter, Pratt & Whitney and CAE, turning the city into a world class center of product development and PLM applications.

PLM12 will combine keynote lectures, scientific paper presentations and industry-oriented sessions, with an active social program. Full paper submission is welcome until February 5th, 2012. If you are interested in the conference, please send an email to plm12@etsmtl.ca or submit your full paper through the conference web site. The proceedings will be published by Springer and have an ISBN.

For more information see www.plm-conference.org

**Shaping the Future of ICT Research: Methods and Approaches**

Tampa, FL, USA on 13-14 December 2012

FIP Working Group 8.2 (Information Systems and Organizations) announces a Working Conference on the theme Shaping the Future of ICT Research: Methods and Approaches. The conference will be held at the University of South Florida in Tampa, FL, USA on 13-14 December 2012 (immediately prior to the International Conference on Information Systems to be held in Orlando, FL, USA).

Since the founding of the International Federation for Information Processing (IFIP) in 1960 as a nonprofit organization dedicated to advancing information processing throughout the world, the research and practice of information and communication technologies (ICT) has experienced seismic changes. Organizational computing architectures have shifted from mainframe computing to client-server to distributed to cloud computing. Information technology has spawned new business models based on electronic commerce and service-oriented architecture, communities and nations are relying on ICT to leapfrog into the future, and as the recent events in the Middle-East demonstrate, online social media has provided a new voice to a worldwide movement toward democracy. Researchers are continuously challenged to find innovative approaches to perform relevant and rigorous ICT studies.

In the context of this changing world of ICT, what are the key research problems that we, as ICT researchers, should be studying, and how should we be studying such problems? This international conference issues a call to present research designs and programs that have the potential to shape the future of ICT research. We welcome research papers that explore new directions in the design, use, and impacts of ICT in our organizational and social lives, papers that explore new or integrated methods for studying issues relevant to ICT research, and papers that can provoke a healthy debate on the conduct of future ICT research. In particular, we welcome ICT research proposals that transcend boundaries between theories, methods, approaches, and disciplines.

This conference continues the tradition of spirited ICT research inquiry that characterized previous IFIP 8.2 conferences in Manchester (1984), Copenhagen (1990), Philadelphia (1997), and Manchester (2004). Thought leaders in the ICT community are encouraged to participate and help in forming a vision and agenda for the future of relevant and rigorous ICT research methods and approaches for the next decade. Our goal is to broaden this discussion beyond the Information Systems community to include researchers from the many ICT-related disciplines.

More information about the conference will be posted on the Working Group 8.2 homepage, http://ifipwg82.org/

The workshop seeks submissions from academia and industry presenting novel research on all theoretical and practical aspects of security and privacy of mobile and smart devices, as well as experimental studies of fielded systems based on wireless communication, the application of security technology, the implementation of systems, and lessons learned.

We encourage submissions from other communities such as law, business and policy that present these communities' perspectives on technological issues.

Paper Submission due: January 31, 2011

This event is supported by the IFIP WG 11.2 Pervasive Systems Security

For more information: http://www.wistp.org/

The 21st International Workshop on Algebraic Techniques (WADT) Salamanca, Spain, from 7th to 10th June, 2012

Aims and scope:
The algebraic approach to system specification encompasses many aspects of the formal design of software systems. Originally born as a formal method for reasoning about abstract data types, it now covers new specification frameworks and programming paradigms (such as object-oriented, aspect-oriented, agent-oriented, logic and higher-order functional programming) as well as a wide range of application areas (including information systems, concurrent, distributed and mobile systems).

Topics of interest:
Typical, but not exclusive topics of interest are:
- Foundations of algebraic specification
- Other approaches to formal specification, including process calculi and models of concurrent, distributed and mobile computing
- Specification languages, methods, and environments
- Semantics of conceptual modelling methods and techniques
- Model-driven development
- Graph transformations, term rewriting and proof systems
- Integration of formal specification techniques
- Formal testing and quality assurance
- Validation and verification

The next meeting of the IFIP WG1.3 Foundations of System Specification will take place on June 1-13, 2012 in Salamanca, Spain
after the 21st International Workshop on Algebraic Techniques (WADT),
BUILDING BRIDGES - INTERACT 2011
Event Report from TC13

The IFIP Technical Committee on Human-Computer Interaction (IFIP TC.13) closed yet another successful instance of its bi-annual event last September.

Indeed, INTERACT 2011 gathered close to 400 people in sunny Lisboa, Portugal from 5-9 September culminating a non-stop one week marathon that saw two main conferences, thirteen workshops, six tutorials and four keynote presentations that altogether brought 540 participants to discuss their views on the design and use of present-day to future interactive systems.

INTERACT’s main theme this year was "Building Bridges". And many were built. From the Iberian Peninsula many professionals and academicians gathered from September 2 to 4 in Lisboa, attending a singular conference called INTERACCIÓN that brought together the Portuguese and Spanish communities, just before the main event.

Bridges were also built when Industry participants exchanged their view of the world with practitioners, usability professionals and academicians in engaging and vibrant dialogues. INTERACT also built bridges across the world - 400 paying participants from 43 different countries from around the world attended the main conference. The program featured a record number of 112 technical papers selected out of 402 submissions (28% acceptance rate) and 60 short communications selected out of 278 submissions (22% acceptance rate). These numbers represent increases of 12% in volume as reported to 2009, attested by the 1800+ pages of proceedings printed by Springer LNCS. Indeed, such figures are witness to the prominent role and community engagement in the INTERACT event. No less than 800 different reviewers were called upon to select entries from almost 700 submissions to the overall technical program.

Outstanding keynote presentations by Mary Czerwinski (MS Research), António Camara (Ydreams), Don Norman (NNG) and Saul Greenberg (U Calgary) served as capstone to this very successful event. INTERACT 2011 is also building bridges between the real and digital realms. The post-INTERACT initiative aims at continuing and extending the exchanges past the physical venue to continue the conference online, via video recordings of all technical sessions and debate forums that we hope will continue and enhance the dialogue between authors and the community. See http://interact2011.org for details.

In pure INTERACT and TC.13 tradition, the next INTERACT will take place in Cape Town, South Africa, in September 2013. We hope to see you there!
19th VLSI-SoC

Very Large Scale Integration and System-on-Chip Conference

VLSI-SoC, the flagship conference of IFIP WG 10.5, explores the new developments in Very Large Scale Integration and System-on-Chip. The conference travels around the world, between Europe, North America, Asia/South Pacific, and Latin America. The 19th VLSI-SoC Conference took place in Hong-Kong, October 3-5, 2011.

This year the Conference received 179 submissions from which the Technical Program Committee selected 45 papers for oral presentation and 24 posters. Four additional special sessions were devoted to biomedical sensors, energy harvesting, 3D integration and networks-on-chip. The program included three outstanding keynotes by Joseph Sifakis (CNRS-University of Grenoble, France) on rigorous system design, Radu Marculescu (Carnegie Mellon University, USA) on the design and optimization of thousand-core systems, and Ping K. Ko (Silicon Federation International, China) and Patrick Yue (UC Santa Barbara, USA) on the evolution of fabless IC Industry in China (past, present, and future). A panel was devoted to SoCs for biomedical applications, trends and challenges. The program included also a PhD Forum. PhD students from Third World and emerging countries were sponsored by WG 10.5 to participate in the Conference. The best paper award was given to Xin Ming, Ze-Kun Zhou and Bo Zhang (University of Electronic Science and Technology of China) for their work A low-Power ultra-fast capacitor-less LDO with advanced dynamic push-pull techniques.

The VLSI-SoC proceedings are available via IEEE Xplore. In addition, extended versions of 9 regular papers and 1 special session paper have been selected for publication in a post-conference book, to be published in 2012 by Springer, under an agreement with IFIP.

Next year, the Conference will take place in Santa Cruz, USA, from 7th to 10th October 2012. See http://vlsisoc2012.soe.ucsc.edu/.

Salvador Mir (CNRS-University of Grenoble, France), Program Chair
Chi-Ying Tsui (Hong-Kong University of Science and Technology, China), General Chair
Virtual Goods and Open Digital Rights Language 2011. Review of a Successful Workshop in Barcelona, Spain

By Jaime Delgado, Jean-Noël Colin, Rüdiger Grimm and Jürgen Nützel

During three days of September 28-30, 2011, we had our annual workshop on Virtual Goods and Open Digital Rights Language in the Universitat Politècnica de Catalunya (UPC) of Barcelona, Spain, under the umbrella of IFIP WG 6.11 on Communication Aspects of the e-World. In Barcelona, Prof. Jaime Delgado was a competent and engaged host of the workshop. This was the fifth time that we met in this community: the 9th International Workshop for Technical, Economic and Legal Aspects of Business Models for Virtual Goods incorporating the 7th International ODRL Workshop. Like in the years before, the first of the three days the open ODRL working group met and continued its concrete work developing version 2 of the ODRL language, as well as using RDF for semantic applications and micro format for Web page specification.

The workshop has two aims: firstly, to discuss the challenges of virtual goods in all its multilateral aspects, and secondly, to bring the community together not only in a professional, but also in a personal way. Many participants had also visited earlier workshops and thus have established close and trustful personal relationships. We enjoy personal talks, as well as the local spirit of our hosting environment. This year we visited the impressing old part of Barcelona near the port, which offers many good restaurants and cafes.

This year’s workshop attracted 23 participants from Spain, Italy, France, The Netherlands, UK, Ireland, and Germany. Our host Jaime Delgado offered an excellent organization. He co-chaired the program together with our last year’s host, Jean-Noël Colin. The special attention on the workshop, already inspired by application of video and TV broadcasting gained the first keynote speech by Santiago Miralles of the Catalonia Broadcasting Company. He identified a huge potential of advertisement in the Internet, yet unexhausted, compared to the ads in TV. He aims on “hybrid broadband broadcast”, e.g. “see the game the way you want”. He suggests a development of online TV, going together with a development of the ads business. In a second keynote speech, Frederique Segond from Xerox Research Centre Europe, Grenoble, discussed the extraction of semantics from online sources to drive new virtual business models. She demonstrated linguistic ambiguities and context dependencies and showed ways to transfer meaning from sentence level to document level, to multi-document level, and finally to multi-data level. That “paves the way” to new business models in virtual worlds.
The workshop was structured in three blocks: Multimedia, Policies and Rights Expression Languages, and Applications.

In the multimedia block, Nicolas Bentley introduced a “replication factor” to assess the success of content distribution. David Jordan of BBC London recommended the protection of the “public space” containing content of “public value” (which is not a market value). He proposes ways how to open the archives of the cultural heritage to the public by means of new technologies of “virtual goods”. And Francesco Gallo presented results of the EU research project PrestoPrime on the preservation of audiostreaming.

In the second block on policies and rights expression languages, we had four presentations. Laurent Boch presented a mapping of the legal framework and requirements for managing rights on an audiovisual rights ontology model. Andreas Kasten showed ways how to embed RDFa-based ODRL Licenses in XHTML Web pages. His aim is to combine the usability of Creative Commons with the expressivity of ODRL, including semantic values. Daniel Pähler introduced a new digital rights model without enforcement. His model is based on costs, burdens and their limits. Victor Rodríguez observes that data has more value if connectable to other data. He suggests “added value” virtual goods that are transformed (edited, mixed, commented, etc.) from raw virtual goods. Existing methods (like Creative Commons) do not solve the problem. He proposes to combine semantically enhanced rights expressions (ODRL) with metadata (DCMI).

Finally, the third topic area highlighted some interesting applications. Gerd Jan Spriensma pointed out that bundling very large numbers of unrelated information goods can be profitable. More correlation makes bundling more goods favourable. Examples for application for bundling, as well as the collection of realistic data were discussed. Silvia Lorente presented a UPC-based project on the management and distribution of live cultural events, esp. in the Catalonia Regions, which proposes a distribution service on the Internet including P2P distribution, object registration and a license service. Finally, Eva Rodriguez presented another UPC-based project that takes requirements of the local health services of Catalonia to manage electronic health records according to service needs and privacy of the patients. The project proposes to use standards like role-based access control, MPEG-21, esp. IPMP, and XACML.

It is worthwhile to look into the slides and full papers published on our continuously maintained Web pages at http://www.virtualgoods.org/2011/. For next year’s workshop in late September we have good hope to receive an invitation of the BBC London. Please follow the development of the workshop on our Web page.
Some of forthcoming IFIP events. For a full list of events, please look at [http://www.ifip.org](http://www.ifip.org)

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