June 2012

IFIP World Computer Congress
Towards an innovative, secure and sustainable information society
WCC 2012 • 24 - 26 September 2012
Amsterdam • the Netherlands • RAI Congress Centre

We invite you to an extremely exciting event in Amsterdam

Register now! on www.wcc-2012.org and benefit from the Early Bird Fee!

Don’t miss this event!

Please follow this link to a video of the IFIP President introducing the WCC2012 congress: http://youtu.be/n_tk-7ZmO64
The 5th IFIP World IT Forum was held in New Delhi from 16th-18th April, 2012. Attended by over 950 delegates, and featuring over 80 speakers – from India and around the world – this flagship conference of the International Federation of Information Processing was organised in partnership with the Department of Electronics and Information Technology (DEITY), Government of India. The National Organising Committee was headed by the Union Minister of Communications & IT, Mr. Kapil Sibal, who inaugurated the Forum at Vigyan Bhawan. The 2-day event focussed on the developmental opportunities offered by digital technologies in the areas of agriculture, education, e-Gov and health.

Providing insights into how India was leveraging ICT for inclusive growth, he talked about India’s plans to “give a big push to government-to-government, government-to-citizen and government-to-business services.” Also speaking on the occasion, Minister of State for Communications & IT, Mr. Sachin Pilot talked said, “As the deadline for the 2015 Millennium Development Goals (MDGs) is approaching, ICT can help bridge the gap in achieving these goals. This forum provides a good platform for deliberating on issues such as regulation, privacy, digital inequality and literacy.”

Other speakers included Mr. Janis Karklins – Assistant Director-General, Information and Communication Sector, UNESCO; Mr. Leon Strous, President, IFIP; Prof. Chrisanthi Avgerou, LSE; Mr. Arun Maira – Member, Planning Commission; Mr. Kiran Karnik – former President of NASSCOM; Ms. Caitlin Wiesen – Country Director, UNDP India; Mr. R. Chandrashekar – Secretary, DoT; Mr. Ajit Balakrishnan – CEO, Rediff.com; Dr. Nagy Hanna – World Bank; Prof. Geoff Walsham – Cambridge University; Mr. J. Satyanarayana – Secretary, DEITY and other senior officials from the DEITY. International speakers included senior members of the government, private sector and academia including from Sri Lanka, Bangladesh, Moldova, The Netherlands, Canada, Botswana, Finland, UAE, UK, USA, Australia, Kenya, South Africa, Norway, Republic of Korea, Estonia and Paraguay.

Senior bureaucrats from across India and industry leaders discussed issues pertaining to governance and the role of ICT in development. Healthcare experts and those working in the fields of e-Governance agriculture and education discussed and debated the tangible impact of technology on development, and in the delivery of services in their respective fields, across 16 parallel sessions that saw a robust exchange of ideas, with keen participation from the audience.

The overarching goal of the Forum is to assist developing countries in formulating and implementing sustainable strategies for the application of ICT and to share experiences that can help bridge the digital divide and improve the overall quality of life. Four previous WITFORs have been held in Vienna (2009), Ethiopia (2007), Botswana (2005) and Lithuania (2003).

The 5th WITFOR came to a close with the handover for WITFOR 2013 by Mr. J Satyanarayana, Secretary DEITY, to Prof Benjamin Baran, Itaipu Technology Park Foundation, Republic of Paraguay. The 6th WITFOR would be held in Paraguay next year.
IP3 sent its Marketing Director, Vice Chairman Strategic Relations and Chairman to Geneva in May 2012 to participate in the World Summit on the Information Society 2012 Forum. This activity is one of two major undertakings that the IP3 Board decided on and came from a suggestion from Professor Raymond Morel well known IFIP GA member. We presented a Thematic Workshop entitled “Improving Economic Development, Regional GDP, Innovation, Education, Skills, Sustainability and Security by creating and growing a professional ICT workforce” which formed part of the WSIS Forum 2012 Program (http://groups.itu.int/wsis-forum2012/Agenda/DraftAgenda.aspx?se=42167). The summary of the Thematic Workshop outcomes is available at http://groups.itu.int/LinkClick.aspx?fileticket=6L5Lj36dFMQ%3d&tabid=1862.

This trip was funded in part from the IP3 budget and an allocation from ACS in support of the IP3 chairman's activities.

The World Summit on the Information Society is a very large undertaking, over 1200 delegates attended in Geneva. Those present included high ranking government officials, Ambassadors, senior industry people as well as movie stars and those representing you and me as citizens in the civil society. Most sessions were serviced by interpreters in English, French, German and Arabic.

Stephen Ibaraki (IP3 Vice Chairman Strategic Relations) was there as an accredited media representative as well and as such was able to engage in dialogue with many of the senior people present including the Secretary-General of the ITU, Dr Hamadoun Touré.

Some of the people we met and have established contacts with include:

- Ajay Mishra, Global Head of Industry Environment, India and Emerging Markets, Chairman of the ITU-T Focus Group – From innovation to standards who has invited me to get involved with the Focus Group
- Prof. Jan Pawlowski, Professor Digital Media global Information Systems at the University of Jyvaskyla Finland
- His Excellency Benedicto Filho, Brazilian Ambassador, Director Dept for Scientific and Technological themes
- Ester Maestro Ciber Volunteers from Madrid
- Hatam Hocini, Information Society Director Algerian Ministry of Poste and Telecommunications
- Christoph Legutko, Intel's Global Public Policy CEE Director, Legal and Corporate Affairs
- and leaders from Intel, Microsoft, Google, Dell, HP, the US State Department

Our Thematic Workshop was held late on the Wednesday, however it attracted an audience in the room of 16 and two remote participants including one of our speakers, Lawrence Gudza from the Computer Society of Zimbabwe. This result was consistent with most Thematic Workshop audiences and given that there were 10 concurrent workshops held in this late time slot, it was an acceptable participation rate.

Moira de Roche, the honorary Marketing Director, being from South Africa, was easily able to engage with other countries in that continent who were present and has a follow-up with a Tanzanian representative. We were approached by a member of the Brazilian ICT Professional Society who was excited by the opportunities that IP3 accreditation offered to him and his fellow members and a senior civil servant from Algeria.

The Chairman managed to take the floor at each plenary session and most of the WSIS workshops and high level dialogues she attended making sure IP3 was identified by name. An example of her doing this is at http://ip3interactive.net/file.php/8/presentations/wsis_forum_2012/IP3Address.m4a (login as guest).
Benefits of IP3s participation in WSIS Forum 2012

A new audience for IP3 with access to high ranking government and industry representative which gives us the opportunity to sell the message to WSIS delegates and to engage with them on an ongoing basis.

Opportunity to significantly contribute to the aims of the WSIS in three of the 10 Action Lines AL C4 (Capacity Building), AL C5 (Building confidence and Security in the use of ICTs), AL C10 (Ethical dimensions of the Information Society (UNESCO)). The Chairman has been in conversation with the Chairman of the ITU-T Focus Group – From innovation to standards who is keen to have our participation in his Focus Group.

Conclusions

Our IFIP GA insider, Raymond Morel (pictured right with Stephen and Moira) attended most of the sessions on most days and was glad to have IP3 participate and create a presence amongst delegates. It was agreed amongst us all that we should seek to increase our presence within the WSIS framework with the express purpose of promoting our mission amongst the stakeholders.

Stephen Ibaraki at V Astana Economic Forum / Connect 2012 Forum (AEF)

(by Stephen Ibaraki)

At the V Astana Economic Forum / Connect 2012 Forum (AEF), I had an opportunity to share and talk with top-ranking leaders and executives from business, industry, governments, academia, notable organizations and media. The total including remote interest in the V Astana Economic Forum / Connect 2012 Forum included over 148 countries and more than 78,000 professionals.

Of particular interest and highlight was the opening keynote of Kazakhstan President N.Nazarbayev who set the stage for the AEF, http://www.aef.kz/en/news/279122/, where the President provided an extensive background on important issues on global economic transformation including Kazakhstan’s rapid rise and vision for the future.

I would highly recommend active participation in future Astana Economic / Connect Forums for executives and leaders since Kazakhstan is definitely a defining model for innovation presently and into the future. There are 250 million people in the region following the Kazakhstan model so working with them represents a very good opportunity. The collaborative environment and openness fostered good discussions and I had many from Nobel winners to government leaders, academics and industry leaders.

The AEF included 12 Nobel Laureates, world leaders, thought leaders, and leaders from industry. This was the largest concentration of senior officials and executives outside of the World Economic Forum (WEF) in Davos. The main outcome of the Forum feeds into the G-8 and G-20, International Monetary Fund, World Bank, United Nations, Organization for Economic Cooperation and Development. To attend, everyone was pre-vetted with extensive security so there was open access in meeting and collaborating with others.

My Journey to the AEF

At the IFIP World CIO Forum (WCF) in November 2011, as WCF vice-chair IAB, I was approached by the ZERDE (state holding company) vice-chair, Bikesh Kurmangalievya, who described their broad national ICT goals, and invited me to participate in their national summit in December 2011 and V Astana Economic Forum / Connect 2012 Forum (AEF) in May 2012. Due to scheduling I was unable to go in December so keynoted in the opening plenary at Connect 2012 in May 2012. Connect 2012 is the ICT focused international forum as part of the Economic Forum.

(Continued on page 5)
Prior to the AEF, at the UN/ITU World Summit (WSIS-May 2012) in Geneva, I participated in the Kazakhstan country session on their e-Government program where there was high interest in their innovative ICT programs and platforms. This progress was also noted by the ITU Secretary General Dr. Hamadoun Touré. As a side note, I had a good chat with Hamadoun at WSIS and an interview with him appearing with IFIP IP3. The ITU, the specialized UN agency for ICT, hosted WSIS representing over 190 countries, all major corporations and international organizations. The ITU is the global standards and governing body for ICT.

It was clear from WSIS that many countries were modeling the success and ICT innovation leadership of Kazakhstan, and of particular note was the 2nd place global ranking in E-participation out of more than 190 countries and rising ranking in other areas of ICT. A remarkable achievement! Moreover, in examining the e-government strategy and implementation, it was also evident that all countries could learn from the demonstrated leadership. I could see that elements of their platform and programs as more advanced than most Western countries using the benchmark of the Global Innovation Policy Index from the IT Innovation Foundation, the Washington DC Think Tank. Contributing to this success is their over 99% literacy rate and nearly 100% university transfer rate.

After a week at WSIS, I then flew to the AEF (May 19th) and with about 12 speakers was invited to a pre-event meeting on May 21st with Askar Zhumagaliyev, the Minister of Transport and Communications, and ZERDE Board Chairman Nurlan Izmailov. In the open exchange I posed questions to them and talked about my positive experiences at WSIS on their ICT strategies. Minister Zhumagaliyev outlined their extensive programs and commitment to innovation and demonstrated a strong vision for the country which had an impact to all present (international executives from many countries). Their investment in ICT is world leading with the implementation being led by ZERDE Board Chairman Izmailov and his strong leadership team—amongst the finest group of executives in the world. The formal Connect 2012 Forum commenced after the breakfast meeting, beginning with Minister Zhumagaliyev’s opening remarks where he set the stage very ably by highlighting the main ICT priorities for the country. The ZERDE Chairman, Izmailov expanded on these ICT strategies in his opening keynote.

As an opening plenary keynote, my talk included ICT trends and then models for innovation based on five themes: seven core policies and country models, education, entrepreneurship, international standards organizations (IFIP as one), and workforce professionalism (where I focused on IFIP IP3, professionalism and broad industry support). I designed my talk and presentation as actionable models that could be examined and then used by the region in their strategies and in fact, received many requests for copies including from the first day moderator, Igor Vittel who indicated he was unaware of some of the models I talked about. Interestingly, I stayed at the same hotel as Igor and we took the same arranged car to go to the event Monday morning. I had a good chat with him—a most interesting person with a 13 million audience for his business program widely viewed on television in most countries. After my presentation, I was requested to do about 6 interviews and two videoed interviews. Here is one:

http://caspionet.kz/eng/general/4G_to_be_introduced_this_year_in_Kazakhstan_1337664332.html

At the official Connect 2012 dinner that evening I was seated between the Minister Askar Zhumagaliyev (on the left) and the Board Chairman Nurlan Izmailov (on the right) where I had a good opportunity to talk with them further about their goals and their growing leadership in many areas. Moreover, I learned of their extensive backgrounds – world class in training, experience and executive leadership.

That week, after I presented, I was formally invited to advise the region on their ICT programs and I see a good relationship with IFIP, IFIP IP3, IFIP technical committees, IFIP conferences, IFIP societies and international organizations stemming from this work (photo attached with ZERDE Board Chairman). I started working with them during my extended stay in Astana and have continued since then.

(Continued from page 4)

(Continued on page 6)
On Thursday evening I was invited to the AEF Connect 2012 concert, which I attended with the ZERDE chairman. An incredible series of national talent! The chairman provided background during the many performances which I found very moving—thus context combined with live performance and commentary from Nurlan yielded an incredible and memorable experience.

I received an invitation “to the official reception on behalf of the Government of the Republic of Kazakhstan to be held on the occasion of V Astana Economic Forum on May 23, 2012 at 20:00.” The venue was the Radisson Hotel Astana. The guests numbered over 100 (that is my guess) with the Prime Minister Karim Massimov leading the reception and giving a key speech. It was a delight to see so many top senior leaders from government, industry and academia, in an open and collaborative exchange of ideas—all of this encouraged by the Prime Minister. The ability for westerners to engage was refreshing—I noted this during my time in Geneva talking with Kazakhstani leaders and my entire stay at the V Astana Economic Forum / Connect 2012 Forum.

At the reception, I sat with Nurlan, the ZERDE Board Chairman, and investment executives. I talked with many of the guests including a good discussion with Halil Akinci, secretary general of the Turkic-speaking countries co-operation council, who had an interesting background and great ambitions for the region. When the evening was finished, I had a discussion with Catullus Helmer (senior advisor to the prime minister) about Kazakhstan’s long term vision, leading role in the region and world stature – and related my experiences from WSIS in Geneva, my analysis and examination of the technologies and innovation, and my time in Astana freely engaging with officials.

My general impressions: I’m impressed with the energy, passion, commitment, openness, education and talent of the country. I see a remarkable future in the short and long term and good relations with IFIP, IFIP IP3, IFIP programs and IFIP societies and international organizations.

IP3 at WCC

IP3 Board and GIC members will be presenting at WCC. We will hold the IP3 AGM before WCC commences – details will be provided in due course.

We will also be holding meeting during the course of WCC to discuss how IP3 can assist individual members and regions in their Professionalism journey. Please contact baynsley@ipthree.org or mderoche@ipthree.org to find out more or to arrange a meeting.

The IP3 board and members looks forward to engaging with the IFIP community and other industry players in Amsterdam in September.

editor@ipthree.org
The 4th China Cloud Computing Conference Achieves Complete Success

The 4th China Cloud Computing Conference was successfully held on 23-25 May at Beijing this year. The event is sponsored by the Chinese Institute of Electronics (CIE), which is the full member of IFIP. In 3 days event, the audiences reach 8100.

The theme of 4th Cloud Computing Conference is “Drive Cloud Computing Innovation and Practice”. In line with the theme, the event put emphasis on exploring the application in cloud computing industry and displaying the achievement of cloud computing technology innovation. Yan Junqi, the Vice Chairman of the Standing Committee of the 11th National People’s Congress attends the opening ceremony and gives the opening remarks.

The China Cloud Computing Conference features 7 sessions and 2 special industry tracks chosen from among the leading cloud trends and topics. Forrest Lin (Runhua Lin), Executive Chair of the conference organizing committee and deputy Secretary General of the CIE moderate the plenary meeting. He was elected to be the member of IFIP board in 2011.

The event attracts the senior technologists including CIOs, CTOs, directors of infrastructure, VPs of technology, IT directors and managers, network and storage managers, network engineers and networking specialists from leading cloud industry players, such as China Mobile, China Telecom, and China Unicom, IBM, VMware, Huawei, Microsoft, Alibaba, ZET, Baidu, AMD and Dell. Especially, the professors and start-up from America, Japan, France, Finland attend the 2nd cloud computing international workshop, aimed at promoting the cooperation and exchange across the globe.

In 2011, the global cloud computing service is 90 billion$, and America takes up 60%. The number is expected to reach 107.2 billion$ in 2012. Though China occupies 3% of global cloud service market, the growth rate is 40%. Chinese cloud market will be 7.5 billion$ in 2012. (Quoted from Gartner). The cloud computing development has huge potential room in future.
'World-class scientist' Professor Guang Gao

On May 24, 2012, professor Guang Gao has been selected to join a consortium of worldwide experts working to address high-performance computing challenges.

The consortium, called TERAFLUX, is the first international effort of its kind to bring together top specialists in data flow for high-performance computing from the United States and Europe.

Gao’s pioneering work on novel computer architecture models and system software, including the compilers that optimize applications for efficient execution, serves as the basis for high-performance parallel supercomputers and is considered to be at the pinnacle in processing capacity, particularly in speed of calculation.

He has led numerous research programs in parallel computing architecture and software sponsored by the National Science Foundation, Defense Advanced Research Projects Agency (DARPA), Department of Energy, Department of Defense, and other U.S. and Canadian government agencies and private organizations.

Gao and his CAPSL team, located in the Department of Electrical and Computer Engineering at UD, are currently part of an Intel-led Ubiquitous High Performance Computing team focused on prototyping revolutionary hardware and software technologies for extreme-scale computing systems.

In 2000, Gao and his CAPSL associates also founded ET International (ETI), a computer technology and software company that builds software for multiple platforms—from mobile devices to desktop computers to data centers—focusing on solving problems with parallelization, synchronization and data movement.

This April, Gartner, Inc., the world's leading information technology research and advisory company, named ETI one of five “2012 Cool Vendors” in the high-performance computing and extreme-low-energy servers category.

Gao’s group will develop a fine-grain execution model called the Codelet Model, a dataflow-based model for many-core architectures.

According to Roberto Giorgi, principal investigator on the grant and professor at the Universita’ Degli Studi Di Siena, in Siena, Italy, this work may broaden the project’s reach beyond high performance computing to include life sciences or earth sciences.

“This represents a targeted breakthrough in scalable models of computation and contributes to the long-term vision for high-performance computing, particularly as it relates to exascale parallel computers,” Giorgi explained.

Gao and his CAPSL colleagues will travel to Munich, Germany, this June for the inaugural TERAFLUX-INCO gathering of all collaborators.

“This international collaboration will foster a unique partnership among the participating groups and will elevate the effect that UD, and Gao in particular, have in this important area of high performance computing,” remarked Ken Barner, professor and chair of the Department of Electrical and Computer Engineering.

Gao added that he hopes the consortium will eventually expand to include participants beyond the U.S. and Europe. “I hope it also will attract international graduate students and post-doctoral research scientists to UD,” he said.
Acceptable ICT systems: making a human choice
(Diane Whitehouse, Chair of IFIP WG9.2 social accountability and computing)

"Enabling and encouraging designers and users of computer systems to make a human choice" is crucial. An IFIP working group and special interest group jointly organised a workshop in Uppsala, Sweden on 8-10 June 2012 to focus on this challenge.

Turning ethical design into a collaborative, social process was a major concern. Means of taking positive action covered laws, codes of practice, education, ethical research and development, and ethical design methods. Participants considered pressing questions such as: patients' access to electronic health records, and close-to-body and in-body sensors.

The meeting started with insights into ICT use in social care, healthcare and well-being in Sweden. Also covered were information security; social media use; cloud computing; speed in technology development; and data privacy by design. Presenters came from Finland, Italy, Netherlands, Sweden and the UK. They covered academic, industry, and local authority perspectives.

Young researchers, Ryoko Asai and Miranda Kajtazi from Uppsala University and Linnaeus University, reflected on their experience:

The workshop was "vital and fruitful for innovative research to tackle comprehensively the future of human endeavours in relation to technology." ... "[It] contributed to participants' research motivation, driving and supporting younger researchers." ... "I'm sure we will share knowledge through collaborating with each other."
CONFENIS 2012 registration is open
19-21 September 2012 – Ghent (Belgium)

www.confenis2012.be

The CONFENIS 2012 Conference is a joint effort of the Economic Council for East Flanders, the Ghent University and the IFIP TC8 Working Group 8.9 on Enterprise Information Systems.

The sixth International Conference on Research and Practical Issues of Enterprise Information Systems, CONFENIS 2012, will be held in Ghent, Belgium, September 19-21, 2012. This event provides an opportunity for academicians and practitioners throughout the world to gather, exchange ideas, and present original research in the field of enterprise information systems. Scientists and professionals are invited to address the current research topics in the area or the research frontier at this unique international forum.

Dr. ir. Hajo Reijers, associate professor in Business Process Management, Eindhoven University of Technology

Keynote on process modeling (Friday 21 September 2012)

Dr. ir. Hajo Reijers about his keynote: “Process modeling has gained increasing importance for documenting business operations and automating workflow execution. However, process models display a wide range of quality problems impeding their comprehensibility and consequently hampering their maintainability. Literature reports, for example, error rates between 10% and 20% in industrial process model collections. Moreover, non-intention-revealing or inconsistent naming, redundant process fragments, and overly large and unnecessarily complex process models are typical quality problems which can be observed in existing process model collections. These problems have resulted in vivid research with the goal of obtaining a better understanding of factors influencing the quality of process models. Existing research mostly focuses on the product or outcome of process modeling. In contrast, the research that is at the basis of this talk aims at taking a closer look on how process models are created which we call the process of process modeling. Obviously, factors influencing this process of process modeling eventually have an impact on the quality of its outcome (i.e., the resulting process model) and the incurred cost of its creation. In this context, I am closely collaborating with different academic and industrial partners, the Quality Engineering research group at the University of Innsbruck being prominently among them. Since 2010 we jointly conducted modeling sessions with over 400 students and organized modeling sessions with experts from industry and academia to better understand how business process models are created. The ultimate goal is to develop insights that can help improve the modeling practice. In this keynote, I will report on our findings so far.”
2012 Fulbright Symposium: "Securing Our Cyber Future"

The 2012 Fulbright Symposium, /Securing our Cyber Future/, will be held 15th to 16th August 2012 at the Adelaide Convention Centre, Adelaide, South Australia.

"His Excellency Mr Jeffrey L Bleich,"US Ambassador to Australia, will open the Symposium. The Symposium topic is an area of vital bi-national interest between Australia and the United States and will engage leading speakers from both countries.

The aim of the Fulbright Symposium is to publicly demonstrate the Australian-American Fulbright Commission's http://www.fulbright.com.au/index.html mission of promoting mutual understanding between the peoples of the United States and Australia through educational and cultural exchange.

Join us for two days of thought-provoking discussion, information-sharing, strategising and problem solving as well as some great social events and networking. We are looking forward to creating a stimulating program for you as well as an engaging space for you to network, reconnect with friends and meet new people.

We look forward to welcoming you in Adelaide.


IFIP Working Group 8.2 Conference:
Shaping the Future of ICT Research: Methods and Approaches

www.ifip82-2012.usf.edu

University of South Florida, Tampa, FL
December 13-14, 2012
(immediately prior to ICIS, Orlando, FL)

General Chairs: Alan Hevner and Michael Myers
Program Chairs: Anol Bhattacherjee and Brian Fitzgerald
Organizing Chairs: Rosann Webb Collins and Joni Jones

The next working conference for IFIP WG8.2 will take place in Tampa on December 13-14, 2012. In the context of the fast changing world of ICT, this conference will focus on 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.

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.

Important Dates
Deadline for Paper Submission: 1 July 2012
Notification of Acceptance/Rejection Decisions: 1 September 2012
Final Papers and Proceedings Materials: 1 October 2012
Date of conference: 13-14 December, 2012

Further information and updates will be available at the conference website: www.ifip82-2012.usf.edu
The global leaders from industry, public authorities and science are invited in Stuttgart to debate Smart Policies for Global Manufacturing Innovation. The general theme for this year’s event aims to explore the challenges for manufacturing innovation in the context of policy makers’ concerns.

Following the invitation, Jose Manuel Barroso (President of European Commission) will open the Forum and guide to a current question: Is Manufacturing a Solution to the Economic Crisis? The debate will tackle further major issues: Are Current Policies Able to Guarantee A Sustainable Use of Resources? How Can Manufacturing Be an Enabler for the Well-being of Society? These sections will explore how smart regulation and business practices can effectively promote a sustainable use of ever-scarce global resources, an accelerated use of green technologies as well as increase health and safety of workers whilst improving worker productivity and job satisfaction.

Together with invited representatives from all five continents, high-level speakers will address environmental, economic and social issues concerning energy management, raw materials, cross-border IPR protection, sustainable supply chains, promoting an innovation work-force, human-centric manufacturing.

The final challenge of 2012 event will consist in reconciling the viewpoint separation between financial and manufacturing industry: Can Wall Street and Main Street Become Friends?

Last year Forum, at Como-lake in Italy, gathered more than 300 leading industrialists and policy makers to discuss current manufacturing challenges with over fifty high-level speakers from around the globe. As the previous edition the event is supported by the European Commission and the Intelligent Manufacturing Systems (IMS) international cooperation program for manufacturing RDI, as well as by leading industries, associations, and institutions through in-kind contributions.

More information are available on the webpage [www.worldmanufacturingforum.org](http://www.worldmanufacturingforum.org)
Some of forthcoming IFIP events. For a full list of events, please look at [http://www.ifip.org](http://www.ifip.org)

<table>
<thead>
<tr>
<th>Event Description</th>
<th>Conference Code</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addressing Educational Challenges: the role of ICT</td>
<td>AECRICT 2012</td>
<td>02/07-05/07 2012</td>
<td>Manchester, GB</td>
</tr>
<tr>
<td>IFIP WG11.2 Pervasive Systems Security Seminar</td>
<td>IFIP WG11.2</td>
<td>04/07-04/07 2012</td>
<td>Nijmegen, NL</td>
</tr>
<tr>
<td>The IFIP WG5.1 9th International Conference on Product Lifecycle Management</td>
<td>PLM12</td>
<td>08/07-11/07 2012</td>
<td>Montreal, CA</td>
</tr>
<tr>
<td>9th Intl. Conference on Mathematical Problems in Engineering, Aerospace and Sciences</td>
<td>ICNPAA 2012</td>
<td>11/07-14/07 2012</td>
<td>Vienna, AT</td>
</tr>
<tr>
<td>2nd International Conference on Simulation and Modeling Methodologies, Technologies and Applications</td>
<td>SIMULTECH 2012</td>
<td>28/07-31/07 2012</td>
<td>Rome, IT</td>
</tr>
<tr>
<td>Open and Social Technologies for Networked Learning</td>
<td>OST’12</td>
<td>30/07-03/08 2012</td>
<td>Tallinn, EE</td>
</tr>
<tr>
<td>The Tenth IFIP International Working Conference on Information Technology in Educational Management &quot;Next Generation of Information</td>
<td>ITEM 2012</td>
<td>06/08-10/08 2012</td>
<td>Bremen, DE and Enschede, NL</td>
</tr>
<tr>
<td>Technology in Educational Management</td>
<td>CD-ARes 2012</td>
<td>20/08-24/08 2012</td>
<td>Prague, CZ</td>
</tr>
<tr>
<td>18th EUNICE Conference on Information and Communications Technologies</td>
<td>EUNICE 2012</td>
<td>29/08-31/08 2012</td>
<td>Budapest, HU</td>
</tr>
<tr>
<td>12th Conference of the IFIP Working Group 7.6 on Advanced Analytics</td>
<td>CAA</td>
<td>29/08-31/08 2012</td>
<td>Aachen, DE</td>
</tr>
<tr>
<td>Symposium on Integrated Circuits and Systems Design</td>
<td>SBCCI</td>
<td>30/08-02/09 2012</td>
<td>Brasilia, BR</td>
</tr>
<tr>
<td>Fourth international conference on eParticipation 2012</td>
<td>ePart</td>
<td>02/09-06/09 2012</td>
<td>Kristiansand, NO</td>
</tr>
<tr>
<td>IFIP e-government conference 2012</td>
<td>EGOV</td>
<td>02/09-06/09 2012</td>
<td>Kristiansand, NO</td>
</tr>
<tr>
<td>The 9th IFIP International Conference on Network and Parallel Computing</td>
<td>NPC 2012</td>
<td>06/09-08/09 2012</td>
<td>Gwangju, KR</td>
</tr>
<tr>
<td>The International IFIP Working Conference on Enterprise Interoperability</td>
<td>IWEI 2012</td>
<td>06/09-07/09 2012</td>
<td>Harbin, CN</td>
</tr>
<tr>
<td>The Eighth International Conference on Open Source Systems</td>
<td>OSS 2012</td>
<td>11/09-12/09 2012</td>
<td>Hammamet, TN</td>
</tr>
<tr>
<td>The 21st International Conference on Parallel Architectures and Compilation Techniques</td>
<td>PACT’12</td>
<td>19/09-23/09 2012</td>
<td>Minneapolis, US</td>
</tr>
<tr>
<td>4th International Conference on Research and Practical Issues on Enterprise Information Systems</td>
<td>CONFENIS 2012</td>
<td>20/09-21/09 2012</td>
<td>Gent, BE</td>
</tr>
<tr>
<td>Advances in Production Management Systems</td>
<td>APMS 2012</td>
<td>24/09-26/09 2012</td>
<td>Rhodes Island, GR</td>
</tr>
<tr>
<td>The 22nd IFIP World Computer Congress</td>
<td>WCC 2012</td>
<td>24/09-26/09 2012</td>
<td>Amsterdam, NL</td>
</tr>
<tr>
<td>Event Description</td>
<td>URL</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------------</td>
<td>----------------------</td>
<td>--------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Theoretical Computer Science</td>
<td><a href="http://tcs.project.cwi.nl">http://tcs.project.cwi.nl</a></td>
<td>TCS 2012</td>
<td>26/09-28/09 2012</td>
</tr>
<tr>
<td>13th IFIP Working Conference on Virtual Enterprises</td>
<td><a href="http://www.pro-ve.org">http://www.pro-ve.org</a></td>
<td>PRO-VE 12</td>
<td>01/10-03/10 2012</td>
</tr>
<tr>
<td>4th International Workshop on Reliable Networks Design and Modeling (co-located with ICUMT 2012 Conference)</td>
<td><a href="http://www.rndm.pl">http://www.rndm.pl</a></td>
<td>RNDM 2012</td>
<td>03/10-05/10 2012</td>
</tr>
<tr>
<td>The 2nd IFIP Conference on Sustainable Internet and ICT for Sustainability</td>
<td><a href="http://cnd.iit.cnr.it/sustainit2012/">http://cnd.iit.cnr.it/sustainit2012/</a></td>
<td>SustainIT 2012</td>
<td>04/10-05/10 2012</td>
</tr>
<tr>
<td>The 6th IFIP International Conference on Computer and Computing Technologies in Agriculture</td>
<td><a href="http://www.iccta.cn">http://www.iccta.cn</a></td>
<td>CCTA 2012</td>
<td>16/10-16/10 2012</td>
</tr>
<tr>
<td>The Human Work Interaction Design 2012 working conference</td>
<td><a href="mailto:tc.itm@cbs.dk">tc.itm@cbs.dk</a></td>
<td>HWID 2012</td>
<td>05/12-06/12 2012</td>
</tr>
<tr>
<td>IFIP Working Group 8.2 Conference: Shaping the Future of ICT Research: Methods and Approaches</td>
<td><a href="http://ifip82-2012.usf.edu">http://ifip82-2012.usf.edu</a></td>
<td>IFIP 8.2</td>
<td>13/12-14/12 2012</td>
</tr>
<tr>
<td>IFIP WG8.6 2013 Working Conference: Grand Successes and Failures in IT: Private and Public Sectors</td>
<td><a href="http://ifip86.imimb.ernet.in/">http://ifip86.imimb.ernet.in/</a></td>
<td>IFIP WG8.6 2013</td>
<td>27/06-29/06 2013</td>
</tr>
</tbody>
</table>