



## WELCOME MESSAGE FROM PRIME MINISTER NGUYEN TAN DZUNG TO THE WORLD INFORMATION TECHNOLOGY FORUM 2009 WITFOR 2009



On behalf of the Government of The Socialist Republic of Viet Nam, I would like to warmly welcome the 4<sup>th</sup> World Information Technology Forum under the theme “ICT for Sustainable Development” to be held from 26 to 28 August, 2009 in Ha Noi, Viet Nam.

WITFOR 2009, organized in an Asian nation for the first time, will bring about enormous benefits as well as open up a new and broader pathway for developing countries to apply ICT achievements into socio-economic life. The outcomes of this Forum will provide an important foundation for policy makers, scientists, experts, IT businesses as well as concerned individuals in Viet Nam and the world to obtain an accurate vision and assessment on the current ICT development and, thus, deploy more efforts to bridge the development gap between developed and developing countries, helping to maintain peace and promote prosperity in the world.

The Government of Viet Nam views ICT as a key industry and a sound basis for socio-economic development, social justice and environmental conservation and has increasingly been investing resources in developing the national ICT industry.

I am strongly confident that the dedication and inclination of Viet Nam and global ICT community will make WITFOR 2009 a resounding success and a worthy Forum for the purpose of “Sustainable Development and Prosperity for the World”.

I wish WITFOR 2009 every success.

**NGUYEN TAN DZUNG**  
Prime Minister of the Socialist Republic of Viet Nam  
Honorary Chairperson of WITFOR 2009

## **Prof. Bertrand Meyer - New Chairman of TC2 (Software: Theory and Practice)**

IFIP Technical Committee 2 (Software: Theory and Practice) has new Chairman: Prof. Bertrand Meyer from ETH Zurich. He replaced prof. Robert Meersman from Vrije Universiteit Brussel (VUB) who served as TC2 Chair for 6 years with great devotion (thanks, Robert, for your perfect job).

Professor Meyer received a bachelor degree in engineering from the École Polytechnique in Paris, a master degree from Stanford University, and a PhD from the Université de Nancy (France). He was a division head of the R&D department of Électricité de France, Visiting Associate Professor at the University of California, Santa Barbara, and Adjunct Professor at Monash University, Melbourne. Since 2001 he has been Professor of Software Engineering at ETH Zurich.

Prior to becoming IFIP TC2 Chair, he was IFIP WG 2.3 member and Swiss representative to IFIP TC2. For many years he chaired the TOOLS conferences (TOOLS = Technology of Object-Oriented Languages and Systems) and organized the LASER summer schools on software engineering. Moreover, he helped to initiate IFIP TC2 Central and East European Conference on Software Engineering Techniques, CEE-SET. Since 2006 he has been President of Informatics Europe, an organization of European computer science departments.

He has many scientific accomplishments, but two of them seem most important. He invented a software development method known as Design by Contract™ and he is the initial designer of the Eiffel method and programming language (since 2006 the language has been an ISO standard). One of his books, *Object-oriented Software Construction*, has almost 6 000 citations according to scholar.google (!)

For his accomplishments he received many awards. Among others, he is a recipient of the ACM Software System Award (in recognition of the design of Eiffel) and in 2009 he received the title of ACM Fellow.

We wish Professor Meyer a lot of success as new TC2 Chair.



### **IFIP's connection to UNESCO**

In April 2009 IFIP's General Secretary attended the session of the Executive Board of the UNESCO Committee on International Non-Governmental Organizations. The main topic of the session was to review and check to the criteria for a renewal of the status of NGOs. On basis of the fact sheet sent UNESCO in advance it has been strongly recommended by the UNESCO Director-General that UNESCO continue to cooperate with IFIP.

The recommendation has been approved by the Board and is valid for the next 6 years:

#### **IFIP has formal consultative status within UNESCO.**

The definition of „a formal consultative status“ can be found at UNESCO's website at [http://portal.unesco.org/en/ev.php-URL\\_ID=32914&URL\\_DO=DO\\_TOPIC&URL\\_SECTION=201.html](http://portal.unesco.org/en/ev.php-URL_ID=32914&URL_DO=DO_TOPIC&URL_SECTION=201.html)

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## Networking 2009 - Review to a successful event

by Otto Spaniol

The IFIP TC6 flagship conference 'Networking 2009' (this time organised in Aachen – Germany; 11 - 15 May 2009) was a really great event. According to participants, the conference offered a perfect mixture of German thoroughness and of French joy of life [try to imagine for a second what would have happened if we had combined German quality of life with French thoroughness ... and English cooking ... and Italian mechanical engineering ... and Swiss love making ... you're getting the idea ....].

The quality of the presentations was astonishingly high. Most likely, this was the consequence of a very strict selection procedure not only during the review process, but also at the programme committee meeting where manuscripts of questionable quality – probably including many that would have easily been accepted at other conferences – were eliminated mercilessly. Moreover, the number of no-show authors was minimal, and in all cases the absence of the presenters was down to very valid reasons.

The Chairs of the technical programme committee (Luigi Fratta, Italy; Henning Schulzrinne, USA; Yutaka Takahashi, Japan) had done a perfect job. Unfortunately, however, Yutaka couldn't make it to the conference thanks to a rather questionable ruling of Kyoto university: they did (and still do) not allow travelling to countries where a single(!) case of swine flu had been reported. A side comment to this strange rule: members of Kyoto university are allowed to travel to Luxemburg or Tahiti, but not to China, India, USA, or Germany. Apparently, Kyoto's knowledge of probability theory is rather limited.

A special highlight of the conference were the three invited talks by Paul Francis on "A Dirty Slate Approach to Scaling BGP", by Paul Kuehn on "Development of Global Communications", and by Mario Gerla on "Vehicular Urban Sensing".

In conjunction with the main conference, three one-day workshops were organised on: "Traffic Monitoring and Analysis", "Internet Charging and QoS Technologies", and "Mobile and Wireless Networks Security"

At Networking 2009, we tried several new conference features for the first time (well, at least in the 'Networking' environment). Among others, these included the OMM (One Minute Madness) sessions; much appreciated by everyone. In OMM, every presenter of a manuscript tries to advertise his/her paper on one slide in just one minute (in 45 seconds in our case, to be precise). As was to be expected, these advertisements differed very much between presenters. In any case, the sessions were good fun, and we can proudly state that several other conference organisers spontaneously announced to adopt this format at their own events.

Despite all this, the absolute highlight of Networking 2009 was the social event, held in the evening of 12 May. It started off with a concert in the 1200 years old Aachen Cathedral. The singer, Heike Schuhmacher, is the sister-in-law of the system administrator of yours truly's chair at RWTH Aachen University. This was followed by a dinner at the Coronation Hall at the venerable Aachen Town Hall. At this occasion, Dr. Peter Reichl, ftw Vienna (an 'Informatik 4' alumnus) presented Italian songs at least as good as Luciano Pavarotti.



And, most spectacularly, yours truly had arranged a performance by three artistic cyclists of 'his' cycling club – Iris Jungbluth (single woman), and Nicole Fürch and Angie Koepsel (double women); Nicole and Angie just missed the German championship by a very small margin. You can imagine that their show was absolutely stunning. I mention this to highlight that computer scientists are not necessarily just blinkered specialists .... The video can be watched via <http://www.networking-2009.org/multimedia/impressions.html>.

In conclusion, Networking 2009 in Aachen was a wonderful event that will be fondly remembered by all participants for a very, very long time.

"After 'Networking' is "Before Networking" (adapted from Sepp Herberger, the German football national team coach in 1954) – the next event of the series will be held 10 – 14 May in Madras (Chennai), India.

## IP3 News

### IP3 Taskforce Status

The International Professional Practice Partnership (IP3) is an IFIP sponsored initiative whose aims include the *definition of international standards of professionalism in IT, the creation of an infrastructure that will encourage and support the development of both IT practitioners and employer organizations, and to give recognition to those who meet and maintain the required standards for knowledge, experience, competence and integrity*. It's main aim is to promote professionalism and define international standards for ICT.



The IP3 Task Force has been working for almost two and a half years, and last reported to the IFIP Board in India in March 2009. We The Taskforce is are currently working on developing a business strategy plan to formalize the organization to ensure IP3's continued credibility and momentum in its core areas of standard setting and supporting the adoption and implementation of international standards. Several Task Force members are actively engaged in this process, along with several other small projects for development of resources and capability. The Task Force's next face to face meeting is scheduled for July 2009 in London, England, but several teleconferences have been, and continue to be held, on a regular basis.

### New IP3 Website

A website has been developed, and is hosted on via the IFIP website server. Although this is a transition website, whilst we investigate longer term development and hosting opportunities and sponsorship, it contains a wealth of information. The website can be accessed via [www.ipthree.org](http://www.ipthree.org) or via the IFIP website.

A Members only section (see below) is included. Visit [www.ipthree.org](http://www.ipthree.org) or click on the IP3 link on the IFIP website.

### We want you! .....

... or some of your members. The objective of the website is not only to provide relevant and up-to-date information, but to engage the ICT community in the professionalism in IT debate. IFIP Societies are encouraged to promote the website to their members and encourage them to become actively involved in the debate via the site's social networking tools. IP3 plans to exploit use the full range of social networking platforms via its site. To this end we are looking for keen bloggers. For the blogs and forums, IP3 is looking for. We will recruit team leaders and moderators, who will start the ball rolling and moderate the discussions. Blogs will be informal, and can be supportive or controversial. We want IT Professionals to share their views about Professionalism in IT. Bloggers will have the opportunity to share their views or frustrations; the pay-off for us in IP3 is to reach a much wider audience that we would otherwise have been able to.

Member societies will also benefit from the social networking initiative as it will focus attention on local societies and also attract younger members to the organization. IP3 will soon release more information about the people we are looking for and we hope all IFIP Member Societies will help us in our recruitment drive.

### New IP3 Members

IP3 are pleased to announce that New Zealand Computer Society (NZCS) has joined IP3 as a Member. They are the first non-founding IP3 Society to join the partnership. IP3 encourages all ICT organizations who aspire towards professionalism in IT to join, whether or not accreditation is the end goal. By joining IP3, NZCS have demonstrated their commitment to "advancing the ICT profession" both in New Zealand and globally.

(Continued from page 4)

Computer Society South Africa (CSSA) and Information Processing Society of Japan (IPSJ) have followed NZCS's lead, and have also joined IP3. IPSJ is the first non-English speaking country to join IP3. A Press release on this exciting news will be issued shortly.

*IP3 Members* are organizations that have: been successfully accredited by IP3; or are willing to make a commitment to actively promoting professionalism; or are actively working towards accreditation.

Membership is open to all IFIP Member Societies (including Affiliate Members). Information on how to join is available via the IP3 website. IP3 also recently completed a membership campaign involving all IFIP Member Societies. All society representatives should have received a copy of the IP3 Membership Brochure and an invitation to join. The Membership Brochure is also available via the website.

You can also visit the Accreditation Support area on the website for more information on the various support services.

### **Building a Professional Association – Executive Summary**

This paper is intended to assist those bodies that are in the course of developing their capability as a professional association or are interested in doing so. The information is neither exclusive nor exhaustive, but provides a general overview and practices related to the establishment of professional associations.

The paper describes the essential characteristics of professional associations and the key infrastructure elements which must be in place for IP3 accreditation. It also points to some of the issues which need to be considered in the development process.

As a form of organization the professional association has a long history and is well established in many parts of the world in fields which include medicine, law, surveying and many others. In the UK where the history dates back to the middle ages many such bodies were established with the explicit aim of protecting the public from '*rogues and charlatans*'. Whilst the language might have changed over the course of time, protection of the public and the public interest remains the *raison d'être* for a professional association and will be a key factor in the design of the necessary infrastructure elements.

The seven page paper contains the following sections:

1. The essential characteristics of a Profession.
2. How a professional association provides a framework for a professional community.
3. Building the necessary infrastructure, looking at the needs of both external and internal stakeholders.
4. Governance – of the organization and individual certification schemes.
5. Policies, processes and practice.
6. Professional certification: Competence, Knowledge, Training, Experience.
7. Continuing Professional Development.
8. Code of Ethics and conduct.
9. Complaints and disciplinary systems..

The full paper is only available to IP3 Members on the *his paper is available in the Member Resources* area of the IP3 website.

For more information about IP3 write to [editor@ipthree.org](mailto:editor@ipthree.org) or visit [www.ipthree.org](http://www.ipthree.org)

## 2<sup>nd</sup> IFIP WG5.8 Workshop on Enterprise Interoperability (IWEI'09)

Universidad Politécnica de Valencia, Spain 13-14 October 2009

The Universidad Politécnica de Valencia (UPV) will host the International Workshop titled "**2<sup>nd</sup> IFIP WG5.8 Workshop on Enterprise Interoperability**", which will be held at La Ciudad Politécnica de la Innovación (Valencia) on October, 13-14, 2009. Valencia is situated in the centre of the Spanish Mediterranean coastline. Its main tourist attractions are to be found in its cultural wealth, clean beaches, nature reserves, its varied calendar of fiestas and its rich gastronomy. In addition to the innumerable historical attractions which the city offers, there are also several contemporary highlights such as the *Ciudad de las Artes y las Ciencias* (City of Arts and Sciences) and the *Museo Príncipe Felipe* (Prince Philip Museum).



The workshop is organized under the auspices of IFIP WG5.8 "Enterprise Interoperability", in cooperation with the INTEROP-VLab (European Laboratory for Enterprise Interoperability). The workshop aims at identifying and discussing challenges and solutions with respect to enterprise interoperability, both at the business and the technical level. The workshop promotes the development of a scientific foundation for specifying, analysing and validating interoperability solutions; an architectural framework for addressing interoperability problems from different viewpoints and at different levels of abstraction; a maturity model to evaluate and rank interoperability solutions with re-

spect to distinguished quality criteria; and a working set of practical solutions and tools that can be applied to interoperability problems to date.

You are cordially invited to submit papers in the following list of topics: service oriented architecture; model driven architecture; open distributed processing; enterprise modelling, middleware, infrastructure approaches and business-IT alignment to enhance interoperability; reference ontology and mapping mechanisms; semantic annotations for information interoperability; coordination and negotiation in networks of businesses; maturity models and quality criteria for evaluating interoperability solutions; non-functional aspects of interoperability; interoperability requirements and case studies and experience reports on interoperability solutions.



More information is available at <http://www.iwei.info>

## News from Technical Committee 13 (Human Computer Interaction)

by Horst Oberquelle, Germany

### News from WGs and SIGs

Working group WG 13.7 on "HCI and Visualisation" has started its work recently. The chairman is Achim Ebert ([achimebert@acm.org](mailto:achimebert@acm.org)).

Since 2008 Special Interest Groups (SIGs) are possible for informal international cooperation. Details for setting up a SIG can be obtained from Phil D. Gray, e-mail: [p.d.g@dcs.gla.ac.uk](mailto:p.d.g@dcs.gla.ac.uk).

Two SIGs have been established so far: SIG 13.1 *Interaction Design and International Development*. To become a member or for more information contact: Andy Dearden, e-mail: [a.m.dearden@shu.ac.uk](mailto:a.m.dearden@shu.ac.uk).

SIG 13.2 "Children and HCI" has been approved recently. Contact: Panos Markopoulos, TU Eindhoven, The Netherlands, [p.markopoulos@tue.nl](mailto:p.markopoulos@tue.nl) or Janet Read, University of Central Lancashire, UK, [jcread@uclan.ac.uk](mailto:jcread@uclan.ac.uk).

### Conferences and Workshops

The next big event will be **INTERACT 2009**, August 24 - 28, 2009, in Uppsala, Sweden, TC13's truly international high-quality flagship conference. This conference will feature 3 well-known invited speakers, approximately 110 reviewed full papers (out of over 360), 9 tutorials and over 15 workshops. Every paper got 3-4 international reviews from over 380 reviewers. Two awards will be available: The IFIP Brian Shackel Award and the Accessibility Award of WG 13.3. Early registration is open. For details see <http://www.interact2009.org/>

**HESD'2009** 7th IFIP 13.5 International Working Conference on Human Error, Safety, and System Development Brussels, Belgium, September 30, October 1-2, 2009 <http://www.isys.ucl.ac.be/bchi/hessd2009>. HESSD seeks high-quality, original long papers, short papers, and demonstrations that address the human error, safety, and system development. Recent accidents in a range of industries have increased concern over the design, management and control of safety-critical systems. Much recent attention has focused upon the role of human error both in the development and in the operation of complex processes. This working conference will, therefore, provide a forum for practitioners and researchers to discuss leading edge techniques that can be used to mitigate the impact of human error on safety-critical systems. Our intention is to focus the working conference upon techniques that can be easily integrated into existing systems engineering practices.

### Future Activities

TC 13 will be active at the **IFIP World Computer Conference (50 Years of IFIP)**, September 22 -25, 2010, at Brisbane, Australia.

The next, **INTERACT 2011** "Building Bridges", is planned for July 2011 in Lisbon, Portugal

### Activities in Member Countries

#### Finland

Two international summer schools will be organized in Tampere, which are intended for graduate students and young researchers.

July 27-31, the GaCIT summer school on Gaze, Communication and Interactive Technology will take place, following a similar successful event last year. The theme in this year's GaCIT is text entry by eye gaze. More information is at <http://www.cs.uta.fi/ucit/gacit2009/>.

August 3-7, immediately following the GaCIT summer school, another intensive workshop on Designing Interaction with Electronics (DIE) will take place. More information is at <http://www.cs.uta.fi/ucit/die/>

#### France

**IHM 2009** 21st Francophone conference on Human-Computer Interaction, Grenoble, France, October 13-19 2009. (In French) <http://ihm09.imag.fr/>. IHM'09 proposes paper sessions, demonstrations as well as courses and workshops. This year, the event will focus on doctoral students.

Technical Committee 13: URL: <http://ifip-hci.org>

## International Young ICT Professionals Conference 2009 Sydney Australia, Australian Computer Society

The 6th annual International Young ICT Professionals Conference will be held on the 3rd and 4th of September, 2009 at the Dockside Convention Centre, Darling Harbour in Sydney Australia.

This year's theme is "Future of ICT - Lead, Transform, and Succeed"

The conference will combine a trade show and draw Australia's top ICT Professionals and Graduates in addition to international guests, Key note speakers include:

Fiona Balfour - former CIO of Qantas  
Telstra and Graeme Wood - Founder of Wotif.

The program will provide young professionals, recent graduates and university students around the world with the techniques, skills and confidence to advance their career in Information Communications Technology (ICT). A Panel Discussion is included as part of the 2 day program.

Other speakers include:

- Dr Paul Scully-Power (Australia's first astronaut)
- Glenn Wightwick (Director, IBM Australian Development Lab)
- Neville Roach (Former Chairman Fujitsu Australia, an Officer of the Order of Australia (AO))
- Varun Kapur (General Manager - Australia & New Zealand - Tata Consultancy Service)
- Bianca Wirth (Green IT advocate)
- Fiona Seaton (Sales Director, SEEK Learning)
- Debbie Timmins (Australian Young Professional of the Year 2005)
- Yohan Ramasundara (Immediate past Director, ACS Young IT Professionals Board)
- Jill Noble (Principal, Pivotal HR)
- Tom Worthington (Author of the book 'Net Traveller')
- Julie Irwin (A Winner of IT's Million \$ Babes Award).

Inspirational presentations from a world-class selection of speakers provide an invaluable opportunity that should not be missed by young professionals all around the world! Offerings include deep insights into the ICT industry, emerging technologies information, skills development (management, leadership, business transformation and more), find out what's involved in working in the ICT industry or starting your own business.

The conference incorporates opportunities to network with fellow participants, speakers, sponsors CIO's, colleagues and potential future employers.

This great opportunity for you to meet with people from the Australian ICT industry is organized by the Young ICT Professionals Board of the Australian Computer Society. The Australian Computer Society (ACS) is the recognised association for Information & Communications Technology (ICT) professionals in Australia, attracting a large and active membership from all levels of the ICT industry. The ACS is the public voice of the ICT profession and the guardian of professional ethics and standards in the ICT industry, with a commitment to the wider community to ensure the beneficial use of ICT.

To register, please go to the Conference website at: <http://www.acs.org.au/youngit/2009conference/>. Please contact Yasas Abeywickrama (yasas@acsmail.net.au) to discuss any special packages for groups of people.

## News from Serbia

(JISA - Union of ICT societies Serbia)

### JISA donation: ECDL Training for 2000 schools in Serbia

Telekom Serbia, in cooperation with Ministry of Education and Ministry of telecommunication and Information Societies, with special patronage of the President of Republic Serbia, organized the first donor meeting within "e-dukacij@". The representatives of companies that supported this action, as well as large number of personalities from the cultural and public life attended the meeting.



The goal of this donor meeting was getting computer equipment for the Internet classrooms in schools all over Serbia, which, besides the free Internet access donated by Telekom, should be adequately equipped and supported by appropriate IT training programs.

JISA – Union of ICT Societies Serbia decided to support this action with ECDL online training for all schools. We believe that this is good beginning for the introduction of ECDL standard in all Serbian educational institutions. We expect all teachers in our schools to pass ECDL Training and, as well as their foreign colleagues from developed countries, to be competent for

modern teaching as soon as possible by using ICT and their advantages!

In addition, JISA, in cooperation with Association of Informatics teachers, has decided to certify free of charge about 70 teachers in the next 2 months.

### New magazine JISA INFOREVIEW

JISA publishes *InfoReview*, the first bilingual magazine for business communication in Serbia, generally supported by EEIG – *European Economic Chamber of Trade, Commerce and Industry* from Brussels, SEFICT - *Southeast Europe Forum for ICT and Telecom a.d. Serbia*. *InfoReview* is a logical extension of remarkable development of *JISA Info* magazine. For the past fifteen years, it has been presenting the most successful companies, great systems and authorities to our market. Since we have attracted many new readers, partners and institutions during all these years and have established stronger and more extensive connections with Europe and especially with neighbouring countries, we have redirected our former orientation from information technologies towards common business communications.



More than **20.000 people** from chosen business world in Europe and SEE region read InfoReview. Our magazine is directly delivered to its subscribers: companies, governmental and non-governmental institutions, all EU institutions, chambers of commerce, embassies, business class on airplanes, airport business lounges, in hotels, etc.

Fore more information about InfoReview, visit our web pages [www.inforeview.biz](http://www.inforeview.biz), order your free copy or apply for annual subscription.

## Annual Assembly of John von Neumann Computer Society

The General Annual Assembly of John von Neumann Computer Society (NJSZT) was held with a great success on the 14th of May, 2009.

The Assembly was a good opportunity to summarize achievements. The first speaker, Mr. Gabor Peceli, President of NJSZT gave a detailed overview about NJSZT's activities in last year.

He emphasized that NJSZT – lead by Mr. Istvan Alföldi, CEO, CGEIT – has a dominant position in disseminating achievements of informatics, the idea of computer literacy and in spreading the culture of computing, among the Hungarian society. He reviewed the prosperous work of the organization's different departments, and also honourably mentioned the impressive work of NJSZT's Regional Branches and Professional Communities, and then spoke about the international projects, as well.

The second speaker was Mr. Istvan Alföldi, CEO of Neumann Society (CGEIT) He highlighted that ECDL has been keeping on running successfully: so far 350,000 Hungarian citizens have taken ECDL exams in some 400 Test Centers. Furthermore, in 2008 NJSZT presented numerous innovations to the International ECDL Foundation (among others developed the new model „ECDL Select”).



Gabor Peceli



Istvan Alföldi

The nationwide movement of *Digital Equal-Opportunities (DE!)*, has broadened with a new factor: the eVITA National Programme (eVITA acronym origins from the Hungarian expression „assistive infocommunication technologies and applications”) which was also launched in 2008. According to the eVITA Technological Platform, the application of infocommunication technologies aspires to solve a considerable part of society's problems (i.a. ageing of the nation, change the proportion of earners and non-earners, persons with disabilities, chronic patients, permanently disabled persons etc.). To this, the Platform's aim is to develop a widely accepted strategy, development programs and, first and foremost, to hold together and promote cooperation of isolated and segmented R+D+I projects.

Lastly, Mr. Istvan Alföldi mentioned the outstanding importance of the project of establishing the unique Museum of History of Informatics in Szeged City. NJSZT shoulders not only the responsibility of working out the professional content of the Museum but commits itself to operate the building, during the first five-year-long period, investing hundreds of millions Forints in the project.

Following the tradition, as the closing episode of the conference, members of Neumann Society elected the new board of leading officials, for three years.



### ***In memory of Tibor Szentiványi***

One of the pioneers of computing in Hungary, Tibor Szentiványi passed away on 23 April 2009.

Born in Budapest in 1931, he obtained his diploma in Electrical Engineering from the Budapest University of Technology in 1958. Right from the beginning he went in for automated data processing and computing. Still at university, he joined work ongoing at a state company aiming to develop punched card equipment then in short supply in the country. In 1955 he was involved in the early experimental work done at the Hungarian Academy of Sciences (MTA) with the intention to design the first domestic electronic computing device. From 1958 on he participated in the building at MTA's newly established cybernetics research group of the first stored-program, electronic valve digital computer in Hungary, codenamed M3. His task was to connect magnetic drum and tape devices to it. Subsequently he was Chief Technical Officer at one of two installations running the first transistorized computers (Elliot 803B) in the country.

In 1965 he joined KSH, the Central Statistical Office, then acting as the government department responsible for the computerization of state administration. Heading the technical department of KSH's Information Processing Laboratory (shortnamed Infelcor by him), his initial responsibilities included providing technical support for the operations and modernization of the Laboratory's Russian built Minsk as well as studying contemporary modern computer architecture and educate young professionals in this field. At a later stage he became the driving force behind organizing software export at the Laboratory and providing thereby an opportunity for Hungarian brainware to appear on the European informatics market. As the manager of international relations, he pursued similar activities at SZÁMKI, a research institute established in 1975 as the successor to Infelcor. After his retirement he helped organise international relations at Hungarian Post. Besides, he held regular lectures at the Denis Gabor College specializing in informatics training.

While serving the cause of ITC in various managerial and senior staff member positions over the decades, he had a significant role in promoting the voluntary cooperation of professionals and in establishing communities to facilitate it. He was instrumental in founding the Hungarian computer society in 1968 and proposed it be named after John v. Neumann. In the early stages he was chairman of the Society's hardware technical committee. Later he increasingly became interested in communications and this was reflected in his joining the TC6 of IFIP as the Hungarian representative. His activities earned him international recognition. One of his outstanding achievements was the staging in Hungary the series of COMNET TC6 working conferences (1977, 1981, 1985, 1990). These conferences, for which he acted as OC chairman, were highly successful not just from the scientific angle but also because they provided opportunities for professionals from Hungary and other so-called Eastern countries to meet and establish personal ties with their Western peers. In recognition of his services he was honoured in 1983 with the IFIP Silver Core Award and was eventually elected honorary member of TC6.

Although an engineer in grain, his interests extended to the domains of humanities and culture history, too. He was intrigued by linguistics, but his favourite field of interest was games and puzzles. From the invention in 1977 of the Rubic Cube, he helped make it known worldwide and acted as chief organizer of the first Rubic Cube World Championship in 1982 in Budapest. Also in 1982 he founded the Club of Logic Players (later Meleda Club) and in 1987 the Hungarian Games Society of which he was president for ten years running.

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

The IS role in leveraging the intelligence and creativity of SME's <a href="http://creativeSME.dsi.uminho.pt">http://creativeSME.dsi.uminho.pt</a>	CreativeSME	<b>21-24.6.2009</b> Guimarães, PT
IFIP International Conference on Network and Service Security <a href="http://www.n2s-conf.org/">http://www.n2s-conf.org/</a>	N2S 2009	<b>24-26.6.2009</b> Paris, FR
The 39 <sup>th</sup> Annual IEEE/IFIP International Conference on Dependable Systems and Networks <a href="http://www.dsn.org">http://www.dsn.org</a>	DSN 2009	<b>29.6.-2.7.2009</b> Estoril, Lisbon, PT
3 <sup>rd</sup> International Conference on Autonomous Infrastructure, Management and Security <a href="http://www.aims-conference.org/2009/">http://www.aims-conference.org/2009/</a>	AIMS 2009	<b>30.6.-2.7.2009</b> Enschede, NL
The 8 <sup>th</sup> IFIP Annual Mediterranean Ad-Hoc Networking Workshop <a href="http://www.ee.technion.ac.il/med-hoc-net2009/index.html">http://www.ee.technion.ac.il/med-hoc-net2009/index.html</a>	MedHocNet 2009	<b>1-2.7.2009</b> Haifa, IL
8 <sup>th</sup> International Conference on Software Composition 2009 <a href="http://www.2009.software-composition.org/">http://www.2009.software-composition.org/</a>	SC 2009	<b>2-3.7.2009</b> Zurich, CH
24 <sup>th</sup> IFIP TC7 Conference on System Modelling and Optimization <a href="http://www.ifip2009.org">http://www.ifip2009.org</a>	IFIP TC7	<b>27-31.7.2009</b> Buenos Aires, AR
9 <sup>th</sup> IFIP World Conference on Computers in Education <a href="http://www.wcce2009.org">http://www.wcce2009.org</a>	WCCE 2009	<b>27-31.7.2009</b> Bento Gonçalves, RS, BR
The 6 <sup>th</sup> World Conference on Information Security Education (track of WCCE 2009) <a href="http://www.118.ifip.info/wise/wise6/wise6.htm">http://www.118.ifip.info/wise/wise6/wise6.htm</a>	WISE 6	<b>27-31.7.2009</b> Bento Gonçalves, RS, BR
International Conference on Social Robotics <a href="http://robotics.nus.edu.sg/fira2009/lcsr.htm">http://robotics.nus.edu.sg/fira2009/lcsr.htm</a>	ICSR 2009	<b>16-18.8.2009</b> Incheon, KR
3 <sup>rd</sup> IFIP Working Conference on Computer Aided Innovation <a href="mailto:noel.leon@itesm.mx">noel.leon@itesm.mx</a>	CAI	<b>20-21.8.2009</b> Harbin, CN
Workshop "Human Aspects of Visualization" at INTERACT 2009 <a href="http://www.hciv.de/interact09/">http://www.hciv.de/interact09/</a>	HCIV 2009	<b>24.8.2009</b> Uppsala, SE
Workshop on Ethics, Roles and Relationships in Interaction Design in Developing Regions – a workshop at INTERACT 2009 <a href="http://www.hci4d.org//index.php?option=com_content&amp;task=view&amp;id=114&amp;Itemid=102">http://www.hci4d.org//index.php?option=com_content&amp;task=view&amp;id=114&amp;Itemid=102</a>	ERRIDDR	<b>24-25.8.2009</b> Uppsala, SE
The 12 <sup>th</sup> IFIP Conference on Human-Computer Interaction <a href="http://www.interact2009.org">http://www.interact2009.org</a>	INTERACT 2009	<b>24-28.8.2009</b> Uppsala, SE
Virtual Teams and Human Work Interaction Design – Learning To Work In and Designing For Virtual Teams (INTERACT 2009 Workshop) <a href="http://www.interact2009.org/?q=node/52">http://www.interact2009.org/?q=node/52</a> and <a href="http://ilex.cbs.dk/hwid/">http://ilex.cbs.dk/hwid/</a>	VT-HWID 2009	<b>25.8.2009</b> Uppsala, SE
17 <sup>th</sup> IEEE International Requirements Engineering Conference <a href="http://www.re09.org/">http://www.re09.org/</a>	RE 2009	<b>31.8.-4.9.2009</b> Atlanta, GA, USA
4 <sup>th</sup> Latin-American Symposium on Dependable Computing <a href="http://www.sbc.org.br/ladc">http://www.sbc.org.br/ladc</a>	LADC 2009	<b>1-4.9.2009</b> João Pessoa, BR
8 <sup>th</sup> International Conference on Entertainment Computing <a href="http://www.entertainmentcomputing.org/icec2009/">http://www.entertainmentcomputing.org/icec2009/</a>	ICEC 2009	<b>2-5.9.2009</b> Paris, FR
5 <sup>th</sup> Intl. Summer School PrimeLife/IFIP WG9.2, 9.6/11.7, 11.4, 11.6 Privacy and Identity Management for Life <a href="http://www.it.kau.se/IFIP-summer-school/">http://www.it.kau.se/IFIP-summer-school/</a>	PrimeLife/IFIP Summer School 2009	<b>7-11.9.2009</b> Nice, FR
2 <sup>nd</sup> Joint IFIP Wireless and Mobile Networking Conference <a href="http://wmnc09.pg.gda.pl">http://wmnc09.pg.gda.pl</a>	WMNC 2009	<b>9-11.9.2009</b> Gdansk, PL
The 18 <sup>th</sup> Intl. Conf. on Parallel Architectures and Compilation Techniques (PACT) <a href="http://www.pactconf.org/">http://www.pactconf.org/</a>	PACT 2009	<b>12-16.9.2009</b> Raleigh, NC, USA

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

International Embedded Systems Symposium 2009 <a href="http://www.iess.org/">http://www.iess.org/</a>	IESS'09	<b>14-16.9.2009</b> Schloss Langenargen, DE
7 <sup>th</sup> Intl. Workshop for Technical, Economic and Legal Aspects of Business Models for Virtual Goods incorporating the 5 <sup>th</sup> Intl. ODRL Workshop <a href="http://www.virtualgoods.org/2009/">http://www.virtualgoods.org/2009/</a>	VG'2009	<b>22.09.2009</b> Nancy, FR
The 9 <sup>th</sup> IFIP Conference on e-Business, e-Services, and e-Society <a href="http://i3e2009.loria.fr/">http://i3e2009.loria.fr/</a>	I3E 2009	<b>23-25.9.2009</b> Nancy, FR
HWID 2009 Working Conference on Usability in social, cultural and organizational contexts <a href="http://ilex.cbs.dk/hwid/">http://ilex.cbs.dk/hwid/</a>	HWID 2009	<b>7-8.10.2009</b> Pune, IN
10 <sup>th</sup> IFIP Working Conference on Virtual Enterprises <a href="http://www.pro-ve.org">http://www.pro-ve.org</a>	PRO-VE 2009	<b>7-9.10.2009</b> Thessaloniki, GR
17 <sup>th</sup> IFIP/IEEE International Conference On Very Large Scale Integration <a href="http://www.inf.ufrgs.br/vlsisoc/">http://www.inf.ufrgs.br/vlsisoc/</a>	VLSI-SoC 2009	<b>12-14.10.2009</b> Florianópolis, BR
2 <sup>nd</sup> IFIP WG5.8 Workshop on Enterprise Interoperability <a href="http://www.iwei.info/">http://www.iwei.info/</a>	IWEI 2009	<b>13-14.10.2009</b> Valencia, ES
EduTech 2009 <a href="http://www.inf.ufrgs.br/edutech/">http://www.inf.ufrgs.br/edutech/</a>	EduTech 2009	<b>15-16.10.2009</b> Florianópolis, BR
The 3 <sup>rd</sup> IFIP Intl. Conf. on Computer and Computing Technologies in Agriculture <a href="http://www.iccta.cn">http://www.iccta.cn</a>	CCTA 2009	<b>15-16.10.2009</b> Beijing, CN
6 <sup>th</sup> Latin American Network Operations and Management Symposium <a href="http://www.lanoms.org/2009/">http://www.lanoms.org/2009/</a>	LANOMS 2009	<b>19-21.10.2009</b> Punta del Este, UY
The IFIP International Conference on Research and Practical Issues of Enterprise Information Systems <a href="http://rs1.sze.hu/~raffai/confenis2009/">http://rs1.sze.hu/~raffai/confenis2009/</a>	CONFENIS 2009	<b>28-30.10.2009</b> Győr, HU
21 <sup>st</sup> IFIP Intl. Conf. on Testing of Comm. Systems and 9 <sup>th</sup> Intl. Workshop on Formal Approaches to Testing of Software <a href="http://kimba.mat.ucm.es/testcom-fates09/">http://kimba.mat.ucm.es/testcom-fates09/</a>	TESTCOM/FATES 2009	<b>2-4.11.2009</b> Eindhoven, NL
2 <sup>nd</sup> IFIP WG8.1 Working Conference on The Practice of Enterprise Modeling <a href="http://poem.dsv.su.se/">http://poem.dsv.su.se/</a>	PoEM 2009	<b>18-19.11.2009</b> Stockholm, SE
3 <sup>rd</sup> International Conference on New Technologies, Mobility and Security <a href="http://www.ntms-conference.org/">http://www.ntms-conference.org/</a>	NTMS 2009	<b>20-23.12.2009</b> Cairo, EG
Information Technology in Education Management – 2010 Working Conference <a href="http://item.wceruw.org/">http://item.wceruw.org/</a>	ITEM 2010	<b>25-29.7.2010</b> Kasane, BW
18 <sup>th</sup> IFIP/IEEE International Symposium on Very Large Scale Integration <a href="http://www.vlsi-soc.com">http://www.vlsi-soc.com</a>	VLSI-SoC 2010	<b>12-14.9.2010</b> Madrid, ES
World Computer Congress 2010 <a href="http://www.wcc2010.org">http://www.wcc2010.org</a>	WCC 2010	<b>20-23.9.2010</b> Brisbane, AU