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# Prof. Barbara Pernici Chair of IFIP Technical Committee 8

Barbara Pernici is full professor of Computer Engineering at the Politecnico di Milano. She has a doctoral degree in engineering (laurea) from the Politecnico di Milano and a MS in Computer Science from Stanford University. Her research interests include workflow information systems design, cooperative information systems, adaptive information systems, service engineering and web services, data quality, and computer based design support tools. She has published more than 40 papers in international

journals, co-edited 13 books, and published about 150 papers at international level. She participated several European ESPRIT and IST projects, among which WIDE (Workflow on Intelligent Distributed database Environment, 1995-1999) and WS-Diamond (2005-2008) on self-healing web services. She has been chief scientist of the Italian MIUR-MURST FIRB research project MAIS (Multichannel Adaptive Information Systems).

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# Dr. Bernhard Eschermann Chair of IFIP Technical Committee 10

Dr. Bernhard Eschermann. Swiss representative to IFIP TC10, took over as TC10 chair from Prof. Franz Rammig in January 2008 after serving as TC 10 secretary for 5 years.

In his professional career, Bernhard Eschermann is currently heading the power semiconductor business of the Swiss-Swedish engineering group ABB. Before taking over this responsibility, he was director of ABB's Corporate Research Center in Switzerland



for 5 years. Previous assignments included spearheading software process improvement in ABB's Swiss operations, heading ABB's R&D for high-voltage substation automation and protection, managing its R&D in power-electronic systems and developing ABB's ultrahigh voltage power transmission business in Asia.

He is on the board of Hasler foundation, a Swiss non-profit association promoting research in IT and telecommunications. He was a member of the Investment Committee of Venture Incubator AG, a

# **IFIP Council meets** in Amsterdam

The IFIP Council met February 29th in Amsterdam, Netherlands, preceded by the meeting of the Executive Board and several Standing Committees. In tune with the project for restructuring the IFIP organisation, approved at General Assembly 2007, the Council meeting took place in the absence of the Chairs of Technical Committees. Issues of the Technical Committees were represented by the Chair of the Technical Assembly and in addition by the Councillor elected from TCs.

Further restructuring improvements, mainly regarding the meetings and reports of the Standing Committees will be implemented during General Assembly 2008 in Milan.

A first electronic meeting of the Executive Board took place in Novem-

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# Advancing the IT Profession

IFIP's new International Professional Practice Programme (I3P) is working to create an international IT profession, equivalent in prestige to established professions such as law, accountancy and medicine, that will:

- enable organizations to fully exploit the potential of IT;
- be respected by its stakeholders, including employees, employers, customers, academia, governments and key international bodies; and
- $\diamond$   $\,$  be a source of real pride and aspiration for IT practitioners.

I3P is promoting the accomplishments of IT professionals around the world. It is seeking to raise public awareness of the vital role of IT in our modern world and the work of IT professionals in delivering the IT services on which our modern world depends.

A critical step in this process is to provide recognition for the members of this profession. I3P is therefore preparing to launch a scheme under which any IFIP Full Member or Professional Affiliate body may seek accreditation to recognise its own individual members who have appropriate qualifications and experience as an "International IT Professional" (IITP).

To obtain accreditation, the IFIP member body will be visited by a small party of trained I3P assessors who will ensure that it has appropriate procedures for assessing applications from individual members for recognition as IITPs.

IITP will be a means to recognize each designated practitioner as **a trustworthy advisor** within the discipline of IT, and will:

- be based on a clear set of criteria establishing a global standard which incorporates the credentials established by accredited national associations;
- be universally recognized, helping enable worldwide mobility for the IT workforce; and
- ♦ establish **credibility** for those who have met its requirements.

And it will do more. IITP will help ensure that employers have a standardized set of prerequisites for specific IT roles within their respective organizations. These prerequisites will help mitigate the risk of cost overruns and project failure for organizations. They will help to ensure corporate governance in IT, and to help business, government and society gain maximum benefit from IT.

Finally, IITP will establish **professional accountability**, governed by a code of ethics and a code of conduct that all holders must follow.

I3P recognises the wide variety of patterns of professional development and regulation around the world. Consequently, I3P specifies what standards have to be met but leaves to individual bodies the task of demonstrating that those they wish to designate do meet the I3P criteria. Thus I3P respects the different practices and traditions that operate in different jurisdictions.

All those awarded IITP demonstrate their commitment, expertise, and a desire to continually expand their knowledge. Most important, they demonstrate the substantial contribution IT Professionals can bring to organizations worldwide - because leadership in IT knows no borders.

## Latest News from I3P:

- $\diamond~$  A second major international corporate sponsor is about to be announced
- IFIP Member Societies with an aggregate membership of over 200,000 are now actively pursuing involvement
- The first assessor training course is taking place in Dublin with assessors from the five societies including Japan
- Finally, Charles Hughes had a highly successful visit to series of inter-governmental bodies in Switzerland, organised by the Swiss IFIP member SI, who all expressed interest and support for our work including the World Trade Organisation, International Labour Organisation, International Telecommunications Union as well as the Swiss Government.

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ber 2007 and went well. This could also be a model used for IFIP's Standing Committee meetings in the future.

### Membership Issues:

IFIP has currently 56 members (including Corresponding Members). Kenya joined IFIP as a new Full member and Lithuania rejoined IFIP as a Full member. At the time of the meeting there were some of the countries two years in arrears with their subscription and will according to the statutes have no voting right at General Assembly.



#### Finances:

Council accepted the 2007 accounts for approval by General Assembly 2008. Total income was 335 K EUR, which was a significant decrease compared with last previous years due to a decrease in IFIP'S Return on Assets. On the other hand there was a significant increase of the income from proceeds from TC events to 94 K EUR. Total expenses were 454 K EUR including 150 K EUR for the I3P project. The final result is a decrease in IFIP's General Fund by 148 K EUR.

The 2008 budget implies total income of 412 K EUR and total expenses of 362 K EUR, thus giving a budgeted result of a surplus of 49 K EUR.

Council agreed to the proposals of Finance Committee to streamline the accounting in content and also timing.

### **IFIP Strategy:**

Project 1 (Dissemination of high quality knowledge in ICT), project 2 (International reputation), project 3b (Member Societies: public awareness) and project 5 (Practitioners) have already champions appointed and are already started. For project 3 (Member Societies: new services) and project 4 (Students) Council members are invited to be or to nominate a candidate for championship.

#### Congresses:

<u>IFIP Golden Jubilee:</u> Work on an IFIP Pioneer day in connection with WCC2010 in Brisbane has already started. The topic of this day will be "Use the past for the future". An IFIP book based on the IFIP book of Heinz Zemanek ("36 years of IFIP") will be prepared.

WCC2008 Milan: The IPC and OC are in the last important stage of preparations. 13 Technical Conferences and 16 Industry Sessions together with 2 large conferences and the AICA National Congress in addition will take place. At the time of this Council meeting 611 papers have arrived. The budget remained like it has been presented in Gabarone. The breakeven number of participants is 904. 200.000 EUR sponsorship out of 300.000 EUR budgeted are already fixed.



IFIP President with Italian Organisers of WCC2008

<u>WCC 2010</u>: The organisational work on WCC 2010 in Brisbane is far ahead of schedule. The organisers expect a number of participants significantly over 1.000 participants. Work on the scientific program has already started.

WITFOR 2007: WITFOR 2007 was a big success with 1.255 registered participants from 89 countries. The financial result is for the moment unknown, because no report from the organisers has been submitted so far.

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The financial consequences for IFIP are, that no IFIP fee will be paid and IFIP had to pre-fund a number of speakers. Some of this money is claimed back from the organisers, part of it will be paid by sponsors (Finnish Embassy).

<u>WITFOR 2009</u> will take place in Hanoi, Vietnam from Aug 26<sup>th</sup> to Aug 28<sup>th</sup>, 2009 at the National Convention Centre. Organisational work has already started. The contract will be signed in March this year.

### I3P (International Professional Practice Programme):

The Task Force continued its work on basis of the proposed and in GA2007 confirmed terms of reference. IEEE had joined the task force in addition to ACS, BCS, CIPS and IFIP. Relationship with Microsoft has been established. An I3P website is under construction. First accreditation visits of members are scheduled for this summer.

#### Digital Library:

The agreement with ACS to host IFIP's Digital Library has been signed. The initial implementation is under review of Publications Committee. TC6 has decided to put the proceedings of the ONDM 2008 conference, to be held in March 2008, into the Digital Library as the first e-only proceedings.

### Standing Committees:

<u>Activity Management Board:</u> The idea of risk sharing was accepted by General Assembly 2007. AMB will further elaborate the idea and ask TCs to submit suggestions relative to different models. AMB suggested that all documents related to organisation of events should be handled in an electronic manner. Therefore AMB will examine the possibility of outsourcing the production of a web-based version of all documents and will report to General Assembly.

<u>Member Society Relations Committee:</u> MSRC will propose to General Assembly to admit VAIP (Vietnamese Association for Information Processing) as a Full member. The Computer Society of Mauritius has been wound up and has resigned its membership in IFIP. Mr Sentini will continue his work within TC3, as this is not subject to his being a member of a society.

Publications Committee: 2005 and 2006 publications will remain on open access by Springer. There were 20K downloads during 2006; and in 2007 downloads increased to 140K. These are for the IFIP Main Series only. There were 24K downloads for EAIT. There have been no charges for downloads yet, except for LNCS and EAIT. Springer reported that royalties paid to IFIP for the IFIP Series totalled €27,365 (\$37,479) for the year. Royalties paid IFIP for the IFIP-LNCS series totalled €62,435 for the year.

<u>Technical Assembly:</u> Reports of TCs will not be needed in the future at Council, but are essential for General Assembly once a year. WCC 2008 is supported by nearly all of the TCs.

**Prof. Basie von Solms** adjourned the Council meeting and expressed Council's gratitude for the organization and the hospitality provided by the Computer Society of the Netherlands (NGI) and the Vrije Universitet of Amsterdam.



#### (Fortsetzung von Seite 1)

She has coordinated several National Research Council and Italian Research projects. She has been program chairperson of the IFIP WG 8.4 Working Conference on "Office Information Systems: the Design Process", held in Linz (Austria) in 1988, for the 10th International Conference on Information Systems Engineering (CAiSE'98) in Pisa in 1998, and she has been organizing chairperson of the Working Conference of the IFIP WG 8.1 "Information System Development Process", held in Como in Sept. 1993. In 2004, she co-chaired the international conference on Business Process Management, held in Potsdam, the IFIP TC8 working conference on Mobile Information Systems, held in Oslo, and the CAiSE workshop on Information and Data Quality, held in Riga. In 2005, she co-chaired the Conference on Cooperative Information Systems (COOPIS), held in Cyprus. In 2006 she has been area responsible for IC SOC. She is workshop chair for CAISE 2007. She will act as a general chair of BPM 2008, Milano and co.chair of IFIP WCC TC8 ISREP conference. She is member of the editorial board of the ACM Journal of Data and Information Quality, Requirements Engineering Journal, regional editor for the Journal on Cooperative Information Systems, and she is in the editorial review board of the Journal on Database Management. She serves as elected chair of TC8 Information Systems Design.

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venture fund for early-stage investments. During many years he served on industrial advisory boards at ETH Zurich, Carnegie Mellon University, MIT and Electric Power Research Institute (EPRI). In the field of computer systems dependability and electronic design, he served on the program committee of numerous conferences and authored and co-authored around 50 technical publications. He was teaching at EPF Lausanne, University of Siegen and TH Karlsruhe.

Bernhard Eschermann studied electrical engineering and got a Dipl.-Ing. degree at the TH Karlsruhe, an MSc. degree in electrical engineering and computer sciences from the University of California in Berkeley and a PhD degree in computer science from Karlsruhe. He also completed studies in economics at the University of Hagen.

## Invitation to join in IFIP 13.6 HWID activities in general and at CHI2008

The general scope of 13.6 Human Work Interaction Design (HWID) is to bridge analysis and design phases, by in particular investigating methods, tools, techniques and results within the combination of empirical work studies and interaction design. We aspire to reach a better understanding of the new challenges entailed in the design of technological support for modern, dynamic and complex work environments.

The group was established during the summer of 2005. Besides meetings a yearly large activity has been held:

"Describing Users in Context", workshop at INTERACT 2005 in Rome.

- HWID'06 first working conference, on synthesizing work analysis and design sketching, with a particular focus on how to read design sketches within different approaches.
- "Social, Organisational and Cultural aspects of Human-Work Interaction Design", workshop at INTERACT 2007 in Rio.

In the group we are currently planning a workshop on the following subject: "Cultural usability and Human Work Interaction Design", which we hope to be able to offer on the next NordiCHI conference.

Torkil Clemmensen (who is the new chair of 13.6), Annelise Mark-Pejtersen (vice-chair and general TC 13 chair) and I (secretary of 13.6) plan to have an informal HWID meeting the 6<sup>th</sup> of April (Sunday evening) at CHI2008 in Florence. At the meeting we will discuss not only the planning of the workshop, but also future activities. Currently the plan is to meet from 18:00 to 20:00, and those interested can then all go to a nearby restaurant to continue our discussions (at own expense). We hope also to be present in September at the World Conference on Computing, at the HCl symposium.

If you are going to CHI2008 and would like to join us, please let us know and we will forward information about meeting place etc. You can of course also contact us if you are interested in HWID issues in general. We would be happy to hear from you!

On behalf of the 13.6 HWID group, Rikke Orngreen - orngreen@cbs.dk

# ACS Elects New President for 2008/9

The ACS (Australian Computer Society) has elected a new National President, **Kumar Parakala**, as the 2008/2009 President.

During his term as President, Kumar Parakala said he plans to focus on skills, education and promoting ICT's relevance to the business community.

"As ACS National President, I intend to drive relevant national ICT strategic matters that are critical to ICT professionals such as skills gap, ICT higher education, green issues, industry collaboration and accreditation. I will also continue to promote professionalism in ICT, as it is key to mitigating risk within the industry. This includes developing thought leadership, policies and position statements to meet the needs of members and community".



"I will also focus on promoting the relevance of ICT to business professionals. This includes understanding the ubiquitous nature of ICT and highlighting ICT's changing and enabling role across all professions", said Mr Parakala.

An ICT professional for 18 years, Kumar Parakala has worked in senior management roles within healthcare, professional services, manufacturing and the public sector. Kumar is the Chief Operating Officer of KPMG's Global IT Advisory Practice.

As an ACS member for almost a decade, Kumar has held the positions of National ACS Vice President, Branch Executive Committee Member for Queensland and NSW, and NSW Branch Chairman. Kumar was awarded the Queensland Government's Leadership Excellence Award in 2000 and has served as the member of the Queensland Government CIO Council.

Immediate Past President, Philip Argy, welcomed the result and congratulated Kumar Parakala on his election.

"Kumar's leadership qualities and superior industry knowledge will benefit the Society greatly. Kumar is committed to professionalism and will bring energy to the role of President. It's an exciting time for our industry – ICT is now firmly positioned on Australia's political agenda and is recognized as key driver of the nation's economic prosperity.

"I am delighted to announce the new ACS President and I am confident that the ACS will enjoy continued growth under his Presidency and that ICT industry will continue to prosper", said Mr Argy.

### Details at www.acs.org.au

More information about Kumar Parakala at <u>https://www.acs.org.au/media/index.cfm?</u> <u>attributes.fuseaction=KeyPeople</u>

# ACS Awards Record Number of Honorary Life Memberships and Fellowships to Australia's Top ICT Professionals

The Australian Computer Society (ACS), the recognised professional association for those working in Information & Communications Technology (ICT), has elected two Honorary Life Members and a record 16 Fellows, at its recently held National Council meeting held in Sydney.

Honorary Life Memberships reflect an individual's extraordinary and long-term contribution to the life and growth of the ACS. After an in-depth review of nominations and citations, the ACS National Council elected **Dr Robert Cross** and **Edward Mandla** as admirable and commendable recipients of the award.

Sixteen ACS members were also awarded with Fellowships, in recognition of their outstanding achievements in their area of expertise, as well as their noteworthy contributions to the Australian ICT sector.

The record number of fellowships and Honorary Life Memberships awarded, serves as a clear indication of the high level of ICT talent that ICT professionals have working across all industries within Australia. The ACS congratulates the recipients and it is proud to have them as ACS members. As technology underpins every area of our society, ICT professionals are the ones shaping the future.

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#### Honorary Life Members

#### **Dr Bob Cross**

Dr Bob Cross has contributed tirelessly to the development of the ACS at both Branch and National levels, serving as a National Councillor for the past five years, including the past three as National Treasurer. Based in Perth, he has served on the WA Branch Executive Committee since 2002, holding the position of Branch Chair in 2003-2004 and is also a board member of the WA Chapter of the ACS Foundation, which aims to encourage sponsorship of higher IT education and research.

He has played an active role both in raising the profile of the ACS and improving its operation. As a strong advocate of the new, enhanced ACS governance structure, his drive and commitment to maintaining a body of ethics and standards has contributed to the continual expansion of the ACS and the wider ICT industry.

### **Edward Mandla**

Edward Mandla has made an outstanding contribution to the ACS. During his tenure as ACS President in 2004-2005 and NSW Branch Chairman in 2002-2003, his unstinting efforts appreciably raised the public profile of the Society to new levels. His role in driving ICT policy development played a major role in raising public and government awareness of the ICT industry and its economic impact.

Edward's work, energy, enthusiasm and commitment to the ACS as President, Branch Chair and as a member have made a tangible impact in driving the ACS's growth and development.

Fellows elected include Susan Bandias, Prof. Lynn M Batten, Andy F Hegedus, Dr Leonard G Whitehouse, Dr Anthony H Overmars, Valda A Berzins, Dr Bruce Calway, Prof. Brian J Corbitt, Michael J Coles, Prof. Arnold A Depickere, Dr John L O'Sullivan, Peter L Lambert, John S Price, Murali Sagi, Dr Andy J Simmonds and Dr Philip J Bailey.

Details at http://www.acs.org.au/index.cfm?action=notice&temID=noticedetails&notID=821

## Welcome to the 8th IFIP Conference on E-Business, E-Services, and E-Society

The 8th IFIP Conference on E-Business, E-Services, and E-Society will be held from September 24-26, 2008, in Tokyo, Japan. Being sponsored by IFIP WG 6.11 in cooperation with TC 11 and TC 8, it will provide a forum for users, engineers, and scientists in academia, industry, and government to present their latest findings in e-business, e-services, and e-society applications and in the underlying technology to support these applications.

Japan now has one of the most economical and highest speed broadband infrastructures in the world, achieved by governmental e-Japan Strategies. Focusing on innovation through the 3E applications over this excellent infrastructure, keynote addresses, organized sessions, and panel discussions will be featured by a collaboration of academia, government, and industry personnel.

Prof. Tadao Saito, Japan Representative for IFIP, serves as the Honorary General Chair of the conference. The General Chair is Prof. Ryoichi Sasaki, former Japan delegate of IFIP TC 11 and General Chair of the 20th IFIP International Information

Security Conference. The Program Committee Chair is Prof. Makoto Oya, who has been working on standardization and governmental promotion of distributed software as well as on academic activities.

The conference venue is the National Center of Sciences in central Tokyo, one of the world's largest cities of high technology, commerce, culture, and fashion. The Center is in front of the Emperor's Palace and within 30 minutes of almost all of the highlights of Tokyo, including Akihabara electric town, Tsukiji fish market, the Shogun's garden, and the National Museum.

For further information, please visit our Web site at <u>http://www.i3e2008.org/</u> or e-mail <u>info@i3e2008.org</u>. Paper submissions (deadline April 15, 2008) and registrations are welcomed on the Web site. For further information, please visit our Web site at <u>http://www.i3e2008.org/</u> or e-mail <u>info@i3e2008.org</u>. Paper submissions (deadline April 15, 2008) and registrations are welcomed on the Web site.



## Informatics pioneer receives Silver Core Award

**Prof Dewald Roode**, former Head of the Department of Informatics at the University of Pretoria, was recently honored by the International Federation for Information Processing (IFIP) with the highest accolade for service, the Silver Core.

This event was the brainchild of the Department of Informatics with Prof Carina de Villiers as Head of the Department. Many former students, who completed their doctoral studies under his mentorship, as well as former colleagues of Prof Roode, attended the award ceremony at a guest house in Moreleta Park.



Prof. Dewald Roode and IFIP President Prof Basie von Solms

Prof Basie von Solms, the first Africa president of the IFIP and professor at the Academy of Information Technology of the University of Johannesburg, handed over the award.

He thanked Prof Roode for his contribution and said that the management of the IFIP – the world's first multinational and apolitical organisation in information and communication technology and science – unilaterally voted to honor Prof Roode for his "enormous contribution".

Prof Roode served two terms of office as chairperson of the IFIP committee, which focuses "on all aspects that refer to information systems that simplify the management and organisation of business enterprises".

In 2003 and 2005 he was also part of the organising committee of the Worldwide Technology Information Forum (WITFOR) conferences. His contribution was of particular value in the use of new information technology in developing countries. Prof Roode has had a particular impact in the arena of the South African computer world. His contribution dates back to the early days of computer technology in the country.

In 1971 he was professor at the newly founded Department of Computer Science at the former Rand Afrikaans Universiteit (RAU). He was also director of the Computer Users Council of South Africa, where he was responsible for the development and implementation of the first national standards for education and training for the South African computer industry. In 1983 he entered the business sector with the founding of his business enterprise. In 1988 he was appointed Head of the newly formed Department of Informatics at the University of Pretoria. In 1995 he accepted the position of Director of the Department of Information Technology at the University, while continuing to act as Head of the Department of Informatics. In 1998 he was appointed as the first Director of the newly formed School of Information Technology within the University's Faculty of Engineering, Built Environment and Information Technology. He still serves on various councils, is active in the private sector and helps with the training of students.

In his acceptance speech, Prof Roode said that he was involved with the IFIP because he was convinced that people in the computer field should interact to stay on top of the latest developments.

Prof De Villiers describes Prof. Roode as an "inspiration" and says that he reads widely and has vast knowledge and experience to guide his doctoral students.

# Change in Finnish representation within IFIP



**Prof. Dr. Markku Sääksjärvi** retired from his work as Finnish representative in IFIP's General Assembly.

"My sincere thanks to all friends and colleagues during the IFIP-years, I enjoyed and learned so much of our cooperation!"

Prof. Dr. Markku Sääksjärvi participated his first IFIP World Conference in Ljubljana 1971. He joined WG 8.2 of TC 8 (Information Systems) in 1979. He was one of the four founding members of WG 8.3 (Decision Support Systems) in 1981.

Markku Sääksjärvi followed Prof. Pentti Kerola as the Finnish NR in TC 8 in 1995-2004, serving one period as the Vice-Chair of TC8. He was nominated as the Finnish representative in the General Assembly in 2004, after Prof. Reino Kurki-Suonio.

After an industrial IT career (1966-1976) Sääksjärvi published his dissertation at the Helsinki University of Technology (Otaniemi). He held the professorial chair in Information Systems (1983-2006) at the Helsinki School of Economics, where he created the first IS master and doctoral programs. In 1997 he was a visiting professor of Robert Schuman University in Strasbourg France.

Besides his academic career (200 publications on strategic management of IT, outsourcing, ITinfrastructure, development of software and digital products, IT-effectiveness) Sääksjärvi has been a frequent speaker at major professional IT conferences in Finland. Recently he was named by the Finnish Computer Weekly among the Top 100 Finnish IT professionals having the most significant impact on the corporate IT management.

Among several other institutional activities Markku Sääksjärvi was involved in the bodies of the Finnish Information Processing Association, namely the Research Committee, International Committee and Advisory Board in 1978-2007.

In the future you may meet Dr. Sääksjärvi more frequently on the tennis courts of the European Technopol Sophia Antipolis in the South of France.

**Prof. Olli Martikainen** has been announced as Finnish representative in IFIP's General Assembly.

Olli Martikainen (born 1953) has Ph.D. in Helsinki University and M.Sc. in Helsinki University of Technology. In 1980's he worked in University of Oxford, Technical Research Centre of Finland (VTT) and Nokia, and then was professor in Lappeenranta University of Technology, VTT and during 1995-1999 in Helsinki University of Technology. In 1991 - 1997 he was Research Director and Vice President, R&D of Telecom Finland. Currently he is Professor in University of Oulu, Associate Research Fellow in the Research Institute of the Finnish Economy (ETLA) and Docent in Helsinki University of Technology and Lappeenranta University of Technology.

He is member of Finnish Academy of Technology, member of the Board of Directors of Technopolis Ventures Oy and member of the Supervisory Board of Siemens Osakeyhtiö. He has over 250 publications and several patents.



# IFIP Newsletter Archive available on IFIP's web site

by Judy Hammond

The enormous increase in the use of the internet in recent years has meant that past, as well as up-to-date information about IFIP and its many activities and events can now be made available instantaneously to readers, at a time and place of their choosing.

IFIP Newsletters were published in paper form from Volume 1, no. 1, in November, 1983, to the last of the series, Volume 19, no. 1-3, in September 2002, edited by Jack Rosenfeld. The IFIP website (www.ifip.org) contains the new online IFIP Newsletters, starting afresh with Vol.1, no. 1, in August, 2004, and edited by Eduard Dundler, Head of the IFIP Secretariat.

When I became aware that the paper-based Newsletters were not available on the new website, I volunteered to convert them into digital format, so that the online version of the IFIP Newsletters would be complete. I feel very strongly that the IFIP Newsletters should not be lost to future readers, merely because the early Volumes were on paper. In the 21st century, web-based Newsletters provide the only readily available and free public source of information about IFIP and its activities. Now that the digital versions of the first nineteen years of IFIP Newsletters are included with the online set, it will ensure that the public will have continuing access to this resource. In addition, historians may find it helpful to refer to these early Newsletters for their research, as the articles provide information and a time-frame of advances across a world-wide spectrum of computing and information technology research and development. The task of converting all the Newsletters from hard-copy to digital format, using OCR, has taken me on a journey which was far more time consuming and painstaking than I had expected.

I worked at home on PC laptop and Apple computers, using a modern scanner to do the task. The OCR program was sorely tested by the variety of fonts and alphabets used in the Newsletters, and by the mixture of photos, graphics and text. To have merely scanned the pages would have provided a representation of the Newsletters; but using OCR has given a valid integrity to the process and preserved the originals in a form that can be utilised in fresh treatments.

It was also a journey of discovery of how far information technology has come to provide people with an easy-to-use, accurate and reliable means of achieving such a task. My original thought was that the technology was so well advanced today, that it would be able to do the whole task for me, reliably and accurately with little effort on my part. Alas, my expectation was not matched by reality, giving me much additional checking and rechecking to ensure that the final product was as near-perfect as possible. This leads me to be thankful that IFIP established the Technical Committee on Human-Computer Interaction (IFIP TC13) and so ensure that HCI and Usability play an important role in achieving IFIP's mission of encouraging and assisting in the development of computing and information technology systems for the benefit of all people. Technology still has a way to go!

As I progressed with my task, I came to appreciate the work of the editor, Jack Rosenfeld. Jack was the only editor for the entire 19 years of the paper publications. His dedication to the task, and careful editing has meant that many events and activities have been documented in an interesting and informative way. He has paid due attention to the many IFIP members and member societies who have planned and undertaken IFIP events during this period, thus providing an understanding of the development of IFIP into what we have today.

I wish to acknowledge with thanks, Ashley Goldsworthy (Past IFIP President, 1986 - 1989, previously Australian IFIP representative and now Honorary IFIP member), and Eduard Dundler, (Head of IFIP Secretariat) for sending me their copies of original Newsletters which I did not already have. Without their help, this task could not have been completed.

Judy Hammond Past IFIP TC13 Chairman (1996 - 2001), Australian TC13 representative (since 1990) WG3.1 and WG3.4 member (since 1981). Sydney, Australia, February, 2008

# **ETAPS 2008**

The European Joint Conferences on Theory and Practice of Software (ETAPS, http://www.etaps.org) is the primary European forum for academic and industrial researchers related to the science of software-intensive systems. More than 600 participants will turn up for some of the events during the entire week including many leading researchers in the field. ETAPS 2008, already the 11<sup>th</sup> event in the series, will be organized in Budapest, Hungary between March 29<sup>th</sup> and April 6<sup>th</sup> located on the wonderful Margareth Island (Margitsziget) in the heart of Budapest.

The main conferences of ETAPS include:

- **Compiler Construction (CC)** is interested in work on analyzing, transforming or executing programs with a special focus on traditional compiler construction.
- **European Symposium on Programming (ESOP)** is devoted to fundamental issues in the specification, analysis, and implementation of programming languages and systems.
- Fundamental Approaches to Software Engineering (FASE) is the forum of software engineers to propose new disposal theories, languages, methods, and tools.
- Foundations of Software Science and Computation Structures (FOSSACS) focuses on foundational research with a clear significance for software science.
- Tools and Algorithms for the Construction and Analysis of Systems (TACAS) is a forum for rigorous system analysis including formal methods, software and hardware verification or static analysis.

In addition to the main conferences, 22 workshops are announced on various software related topics. Furthermore, 7 *tutorials* on topics are also part of the technical programme for participants. During the nine days of the event, more than 20 invited speakers will share their leading-edge ideas with the ETAPS audience.

ETAPS 2008 is organized by the John von Neumann Computer Society in close collaboration with various scientific communities at the Budapest University of Technology and Economics, and the Eötvös University.



European Systems & Software Process Improvement and Innovation Conference 3-5 September 2008, Dublin City University, Ireland

Theme 2008 - Experiences with the Implementation of Methods and Techniques for Improvement and Innovation and Related Benefits in the Organisation

EuroSPI is a European initiative with a tradition going back to 1994, creating a forum for experiences that can be reused to benefit your organisation.

Research proceedings published by **Springer** Verlag in the **LNCS** (Lecture Notes on Computer Science) series. <u>http://www.springer.de/comp/lncs/index.html</u>

Selected industrial experience papers published by **Wiley** in the **SPIP** (Software Process Improvement and Pratice) Journal. <u>http://www3.interscience.wiley.com/journal/117353821/issue</u>

Advance Conference Programme, Call for Exhibitors, Sponsors and further information: <a href="http://2008.eurospi.net/">http://2008.eurospi.net/</a>







# IFIP TC5 SPECIAL INTEREST GROUP (SIG) "ENTERPRISE INTEROPERABILITY"

### MOTIVATION

One of the trends in the **global market** is the increasing collaboration among enterprises. **Constant changes** in inter- and intra-organisational environment will persist in the future. Organisations have to flexibly and continuously react to (imminent) changes in markets and trading partners. **Large companies** but also **SMEs** have to cope with internal changes from both a technical (e.g. new information, communication, software and hardware technologies) and an organisational point of view (e.g. merging, re-organisation, virtual organisations, etc.). In this context, the **competitiveness** of an enterprise depends not only on its internal performance to produce products and services but also on its ability to **seamlessly interoperate** with other enterprises.

Currently the **enterprise interoperability** issues are not coherently addressed at organisational and technical levels as a whole.

By enterprise interoperability we mean the ability of organisational entities (businesses, governments, companies, or parts thereof) to interoperate in order to achieve their business goals.



Bordeaux meeting, October 2007: 1<sup>st</sup> rank (from left to right) U. Lechner - U. Munich (DE), X. Xu Harbin IT (CN), Yves Ducq U. Bordeaux 1 (FR), G. Doumeingts GFI-INTEROP-VLab (FR), K. Mertins IPK (DE), I. Zugaski Ikerlan (ES) 2<sup>nd</sup> rank: P. Johnson KTH Stockholm (SE), B. Vallespir U. Bordeaux 1 (FR), G. Weichart - Kepler U. Linz (AT), S. Kassel - U. Zwickau (DE); 3<sup>rd</sup> rank: T. Fisher- DITF (DE), V. Chapurlat- E. Mines Ales (FR), M. Van Sinderen U. Twenty (NL), P-Y Schobbens U. Namur (BE), S-V Rehm WHU (DE), L. Kutvonen U. Helsinki (FI)

### OBJECTIVES

The purpose of this Special Interest Group is to progress and to disseminate research and development results in the area of Enterprise Interoperability, bringing together experts of multiple disciplines that contribute to this field.

The IFIP TC5 SIG "Enterprise Interoperability" has been created just one year ago during the I-ESA 07 conference (Interoperability for Enterprise Systems and Applications) in Madeira Island (P).

Today the SIG EI has 66 members and organised two meetings (the first during I-ESA 07 and the second in Bordeaux in October 07). During these meetings the Rationale, the Aims and the Activities have been defined, discussed, improved and finally adopted. A board of 8 persons has been nominated. The next meeting will be organised in Berlin in the frame of I-ESA 08 on March 25<sup>th</sup>. The SIG plan to organise a workshop during the EDOC Conference in Munich (September 16<sup>th</sup> 2008).

Contacts: G. Doumeingts, chair (<u>guy.doumeingts@ims-bordeaux.fr</u>)

P. Johnson, secretary (pj101@ics.kth.se)

# Joint IFIP-Conference ICT and Learning for the Net Generation Kuala Lumpur, 7<sup>th</sup> – 10<sup>th</sup> July 2008

This conference is organized by Working Groups 3.1 (Informatics and ICT in Secondary Education), 3.2 (Informatics and ICT in Higher Education), 3.6 (Distance Education) and by Open University Malaysia. On the IPC meeting at the Open Universiteit in Heerlen in March, 11th-13th, 24 full papers, 6 short papers, 5 workshops and 3 panels have been accepted and will be presented on innovation of education.

The program has been established now. A first vision of the program is already published with the conference system <a href="http://icms.schule.at/lyict">http://icms.schule.at/lyict</a> (Menu Information). The papers are sorted into themes like:

Social networking web 2.0 applications, Quality assurance of educational institutions, Students perspectives on learning environments, Informal Learning in Second Life, Quality of e-learning systems, Community building strategies,

There will be a Book of Abstracts and the proceedings on CD-ROM. We are very happy to have three very distinguished keynotes:



IPC meeting with Skype-conference (from left) Johannes Magenheim, Sigrid Schubert, Christian Eibl, Bert Zwaneveld, Anneke Hacquebard

## 1. The AGORA Approach



Jan Wibe is from The Norwegian University of Science and Technology (NTNU) in Trondheim, Norway. He is chair of IFIP TC 3. He was chair of IFIP WG 3.6 between 1993 and 1999. He started with ICT in upper secondary education in 1970 as lecturer. Since then he has worked with ICT in Education at governmental level and in teacher education at university.

http://www.plu.ntnu.no/ansatte/janwib/wibe/cv%2Djw/

## 2. Distance Education



**Ron Oliver** is Pro Vice Chancellor, Teaching and Learning and Professor of Multimedia at Edith Cowan University in Perth, Western Australia.

http://elrond.scam.ecu.edu.au/oliver/.

### 3. Instructional Design for Global Citizenship: Stories from Practice

In 1994, **Katy Campbell** received her Ph.D. in Instructional Studies from the University of Alberta, Canada. Her doctoral research involved a narrative study of a collaborative instructional design process as a socially transformative practice. Currently Dean in the Faculty of Extension (University of Alberta), Dr. Campbell's research interests include gender/technology interactions and resulting design issues, faculty transformative practice through collaborative instructional design, psychosocial issues of faculty teaching with technology, inclusive design practices, and the lives and practice of instructional designers. http://www.extension.ualberta.ca/faculty/memb\_campbell.aspx

<u>mup.//www.extension.uaiberta.ca/facuity/memb\_campbeil.aspx</u>

Of course social activities are also included in the program. We invite school and community practitioners, lecturers and researchers, advisers and policy makers. We also invite doctoral students, newly qualified teachers and young people to take part in all discussions.

## Deadline for early bird registration is 30 April 2008.

If you want more information and a personal invitation to attend the working conference part of LYICT, please go to the website of LYICT2008: <a href="http://cidt.oum.edu.my/lyict/">http://cidt.oum.edu.my/lyict/</a>

Sigrid Schubert, Gordon Davies, Elizabeth Stacey, Zoraini Wati Abas on behalf of the Program and Organization Committees

# 7th SEFICT

# South East Europe Forum for Information and Communication Technologies 10 - 12th June 2008 Hotel EXCELSIOR, Dubrovnik, Croatia

SEFICT - South East Europe Forum ICT was founded in 2002 by ICT representatives of chambers of commerce of former Yugoslav republics. The aim was to improve mutual collaboration in the region, trade and participation in projects financed by EU, USAID and other financial institutions. After years, SEFICT is open for all countries and ICT societies in the world.

Previous conferences were held in Herceg Novi, Montenegro (2002 and 2003), in Dubrovnik, Croatia (2004 and 2005), Belgrade, Serbia (2006) and Herceg Novi, Montenegro (2007)

For booking, please visit site <a href="http://www.sefict.org">www.sefict.org</a>



# 13th Congress JISA DICG

08 - 14th June 2008 Hotel Plaza, Herceg Novi, Montenegro

During the whole decade, JISA - Union of ICT Societies has been organizing Congress JISA - the annual meeting of IT experts from the country Serbia and Montenegro. Today, after countries were separated, Congress JISA appears as meeting organized in cooperation JISA and DICG - Montenegrin computer society. One of leading ideas is to establish a closer cooperation among IT experts.

The 13th Congress JISA DICG offering to its participants an excellent opportunity to get familiar with all ICT news and possibility to inform about the practical usage of particular solutions.

For booking, please visit site <u>www.jisa.org.yu</u>

# CIPS Hosts Community Connection Events, Launches Membership Campaign in Celebration of 50th Anniversary

CIPS is hosting a special 14-city Microsoft workshop tour across Canada. The Community Connection events, "Building out your Skills and Networking," are 3-hour workshops being offered to help IT professionals network with peers and focus on the changing landscapes of technology, industry, community and career. The events are free of charge.

In addition, in celebration of CIPS's 50th Anniversary, CIPS is launching a special \$99 Membership Campaign directed to first-time members at the Community Connection event to be held in Toronto on February 26, 2008. The objective of the CIPS Membership Campaign is to recruit new members to CIPS and to give CIPS the opportunity to engage new members.

"We want to encourage new members to attend CIPS events and participate in CIPS programs that we believe will help them personally and professionally," said CIPS Executive Director Mary Jean Kucerak.

CIPS is offering the special \$99 membership to new members that sign up anytime from February 26, 2008 to May 30, 2008. Potential new members from coast to coast would be recruited with the hopes that the true value CIPS brings to them and their careers is conveyed. After these potential new members register at the special, limited time membership offer of \$99/person (duration one year), they will be encouraged to renew at the regular membership rate after their membership expires in a year's time.

"The special membership offer is only being made available to first-time CIPS members as a part of CIPS's 50th Anniversary celebrations. The offer is also be promoted at CIPS's 50th Anniversary event launch to be held in conjunction with the <u>Summit 2008</u> conference in partnership with DPI in Ottawa," added Kucerak.

CIPS is inviting its current members to recruit a new member to the association and at the same time to register for a Community Connection workshop at a city near them.

The Community Connection events have interactive discussions to give IT professionals an opportunity to gain insight and share experiences on IT changes that are affecting them in Canada. The following is an overview of the event:

### Introductions;

•State of the Industry ( a perspective from <u>CIPS</u> and <u>ICTC</u>);

•Technology Demo (showing some high value pieces of new technology and how they could be implemented into your environment with minimal change);

•Community Story (perspective on the impact that participating actively in IT professionals' LOCAL community and the rewards it brings);

•Learning Circles (a "vote with your feet" concept of discussing five topics with a facilitator and bringing back the groups' findings to the larger group); and

•Social Networking (meeting with other experts and LOCAL resources to strengthen an IT professionals' support infrastructure LOCAL to them - in their community).

The first Community Connection event starts on February 26, 2008 in Toronto with the last event taking place on April 16, 2008 in Quebec City. Check out the "<u>Upcoming Events</u>" calendar to find out when the Community Connection event is taking place in your city or visit: <u>www.cips.ca/news/national/news.asp?alD=2510</u>.

# Springer Status Update Spring 2008

#### **IFIP Main Series**

At present, IFIP is on track to exceed the number of volumes published in 2007 in the Main Series, with five books already published in 2008. We are looking forward to receiving manuscripts from the WCC2008 conference streams, and to a successful collaboration moving forward.

#### New Marketing

Springer has introduced several new marketing initiatives which we will utilize to the advantage of IFIP over the next coming year and beyond. These new developments include an updated flyer with 2007 titles and ordering information for distribution in your communities, and a Springer e-newsletter which is currently planned for September to coincide with, publicize and compliment the WCC2008 and its Main Series volumes. Springer also continues to provide rotating free volumes in the IFIP corner of the Computer Science Reading Room. Through the CSRR and our online marketing, we are able to reach the broadest possible audience with your content.



1,413 subscribe to Springer Alerts in Computer Science and are members of the Computer Science Reading Room.

#### Usage

The usage of content is determined first by the quality of the content and second by how well the content is promoted. We are pleased to report that as a result of the collaboration between Springer and IFIP, usage of IFIP content has climbed to a new high. *Education and Information Technologies* had 24,090 downloads in 2007 as compared to 17,944 in 2006 and 14,674 in 2005. In addition, *EAIT* has the highest number of TOC Alerts Subscribers of all the Computer Science journals at Springer – 1,434 readers.



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In 2007, full text book downloads of the IFIP Main Series grew dramatically to over 140,000 downloads.

#### Ordering IFIP Content

For the Americas: Springer Order Department P.O. Box 2485 Secaucus, NJ 07096-2485 Tel: 1-800-SPRINGER Fax: 1-201-348-4505 Email: <u>orders-ny@springer.com</u> For Outside the Americas Springer Distribution Center Gmbh Haberstrasse 7 69126 Heidelberg, Germany Tel: +49 (0) 6221-345-4303 Fax: +49 (0) 6221-345-42 Email: orderdept@springer.com

# **IFIP TC8 Forthcoming Events**

- Advances in Information Systems: Research, Education, and Practice (ISREP-2008): WCC 2008 colocated conference organized by TC8 Information Systems, The conference will take place at the Milano Convention Centre, Milan, 7-10 September 2008
- International Workshop on Evaluation of Modeling in Systems Analysis and Design (EMMSAD'08), France, Organized by WG 8.1, Jun 2008,
- Workshop on Case Studies in Decision Making and Decision Support, The Netherlands, organized by WG 8.3, Jun 2008
- Working Conference on Cooperative Decision Support Systems, France , organized by WG 8.3, 1-4 Jul 2008, http://www.irit.fr/CDM08/
- Working Conference on IT and Change in the Service Economy: Challenges and Possibilities for the 21st Century, Canada, organized by 8.2, 10-13 Aug 2008, http://www.ifipwg82.org/tiki-index.php? page=IFIP+2008+CFP
- Working Conference on Open IT Based Innovation: Moving Towards Cooperative IT Transfer and Knowledge Diffusion, Spain, organized by 8.6, 22-24 Oct 2008, http://ifip8-6.ceditec.etsit.upm.es./
- OASIS Workshop, France, organized by WG 8.2, 14 Dec 2008, http://www.ifipwg82.org/conferences

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

	, p.:	
Network Operations and Management Symposium http://www.noms2008.org	NOMS 2008	7-11.4.2008 Salvador da Bahia, BR
8 <sup>th</sup> Latin American Theoretical Informatics Symposium <u>http://www.latin08.org</u>	LATIN 2008	7-11.4.2008 Rio de Janeiro, BR
The 17 <sup>th</sup> International World Wide Web Conference http://www2008.org/	WWW 2008	21-25.4.2008 Beijing, CN
2008 Next Generation Internet Networks 4 <sup>th</sup> Euro NGI Conf. on Next Generation Internet Networks http://www.kt.agh.edu.pl/ngi2008	NGI 2008	<b>28-30.4.2008</b> Krakow, PL
11 <sup>th</sup> IEEE Intl. Symp. on Object/component/service- oriented Real-time distributed Computing http://ise.gmu.edu/isorc08/	ISORC 2008	5-7.5.2008 Orlando, FL, USA
IFIP Networking 2008 http://www.ntu.edu.sg/sce/networking2008/	Networking 2008	<b>5-9.5.2008</b> Singapore, SG
19 <sup>th</sup> Intl. Workshop on Algebraic Development Tech- niques <u>http://www.di.unipi.it/wadt2008/</u>	WADT 2008	<b>13-16.6.2008</b> Pisa, IT
2nd Joint iTrust and PST Conferences on Privacy, Trust Management and Security 2008 http://www.ntnu.no/videre/konferanse/IFIPTM08/	IFIPTM 2008	16-20.6.2008 Trondheim, NO
8 <sup>th</sup> IFIP Intl. Conf. on Information Technology for Balan- ced Automation Systems <u>http://www.basysconference.org</u>	BASYS'08	23-24.6.2008 Porto, PT
The 7 <sup>th</sup> IFIP Annual Mediterranean Ad Hoc Networking Workshop Med-Hoc-Net 2008 <u>http://medhocnet08.uib.es/</u>	Med-Hoc-Net 2008	23-27.6.2008 Palma de Mallorca, ES
Valuing individual and shared learning: the role of ICT <u>http://www.ifip2008praha.cz/</u>	VIASL 2008	23-27.6.2008 Prague, CZ
The 38 <sup>th</sup> Annual IEEE/IFIP Intl. Conf. on Dependable Systems and Networks <u>http://www.dsn.org</u>	DSN 2008	24-27.6.2008 Anchorage, USA
Massive Virtual Communities http://www.leuphana.de/ifip_mass_virt_comm/	MaViCo	1-2.7.2008 Lüneburg, DE
6 <sup>th</sup> European Conference on Interactive TV 2008 http://www.euroitv2008.org/	EuroITV 2008	<b>3-4.7.2008</b> Salzburg, AT
2 <sup>nd</sup> Intl. Conf. on Autonomous Infrastructure, Manage- ment and Security <u>http://www.eecs.jacobs-university.de/aims2008/</u>	AIMS 2008	1-3.7.2008 Bremen, DE
2 <sup>nd</sup> Intl. Conf. on Distributed Event-Based Systems http://debs08.dis.uniroma1.it/	DEBS 2008	1-4.7.2008 Rome, IT
Joint Open and Working IFIP Conf.: ICT and Learning for the Net Generation <u>http://cidt.oum.edu.my/lyict/</u>	LYICY 2008	7-10.7.2008 Kuala Lumpur, MY
2008 IFIP Conf. on Wireless Sensor and Actor Networks <a href="http://www.site.uottawa.ca/WSAN08/">http://www.site.uottawa.ca/WSAN08/</a>	WSAN 2008	14-15.7.2008 Ottawa, ON, CA
The Eighth IFIP Intl. Working Conf. on Information Tech- nology in Education Management 2008 <u>http://informatics.cdu.edu.au/staff/afinegan/ITEM2008/</u>	ITEM 2008	<b>20-25.7.2008</b> Darwin, AU

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

IFIP WG8.2 Work. Conf. on IT & Inst. Change in the Service Economy: Challenges and Possibilities for the 21 <sup>st</sup> Century	IFIP WG8.2 2008	10-13.8.2008 Toronto, CA
The Future Identity in the Inf. Society – Challenges for Privacy and Security – FIDIS/IFIP Internet Security & Privacy Summer School 2008 http://www.buslab.org/SummerSchool2008/	FIDIS/IFIP Summer School 2008	1-7.9.2008 Brno, CZ
20 <sup>th</sup> IFIP World Computer Congress 2008 http://www.wcc2008.org/	WCC 2008	7-10.9.2008 Milano, IT
5 <sup>th</sup> IFIP Intl. Conf. on Theoretical Computer Science – in conjunction with WCC 2008 <u>http://www.wcc2008.org/</u>	TCS 2008	7-10.9.2008 Milano, IT
WG2.13 Conference on Open Source Systems – in con- junction with WCC 2008 <u>http://www.wcc2008.org/</u>	OSS 2008	7-10.9.2008 Milano, IT
ED-L2L, Learning to live in the knowledge society – in conjunction with WCC 2008 <a href="http://ulearn.itd.cnr.it/wcc08/">http://ulearn.itd.cnr.it/wcc08/</a>	ED-L2L	7-10.9.2008 Milano, IT
Advances in Information Systems: Research, Education, and Practice – in conjunction with WCC 2008 http://www3.dsi.uminho.pt/wcc2008/archive.htm	ISREP	7-10.9.2008 Milano, IT
3 <sup>rd</sup> TC9/WG9.7 and TC3 Intl. Conf. on History of Compu- ting and Education - in conjunction with WCC 2008 <u>http://www.wcc2008.org/</u>	HCE3	7-10.9.2008 Milano, IT
IFIP Working Conference on Distributed and Parallel Embedded Systems – in conjunction with WCC 2008 <u>http://www.cs.up.ac.za/cs/jbishop/WCC2008/dipes0</u> 8-cfp1.rtf	DIPES 2008	8-10.9.2008 Milano, IT
2 <sup>nd</sup> IFIP Conference on Biologically Inspired Collaborati- ve Computing – in conjunction with WCC 2008 <u>http://www.cs.up.ac.za/cs/jbishop/WCC2008/bicc2008cf</u> <u>p.pdf</u>	BICC 2008	7-10.9.2008 Milano, IT
23 <sup>rd</sup> International Information Security Conference – in conjunction with WCC 2008 <a href="http://sec2008.dti.unimi.it/">http://sec2008.dti.unimi.it/</a>	SEC 2008	7-10.9.2008 Milano, IT
IFIP International Conference on Artificial Intelligence – in conjunction with WCC 2008 http://www.ifiptc12.org/ifipai2008	AI 2008	7-10.9.2008 Milano, IT
Knowledge Management in Action (KMIA 2008) – in con- junction with WCC 2008 <u>http://aicanet.net/wcc2008/KMIA_WG12_v.3.pdf</u>	KMIA 2008	7-10.9.2008 Milano, IT
1 <sup>st</sup> IFIP Entertainment Computing Symposium "New Frontiers for Entertainment Computing" – in conjunction with WCC 2008 <u>http://www.cs.up.ac.za/cs/jbishop/WCC2008/ECS2008-</u> <u>CfP.doc</u>	ECS 2008	7-10.9.2008 Milano, IT
9 <sup>th</sup> IFIP Working Conf. on Virtual Enterprises <u>http://www.pro-ve.org/</u>	PRO-VE'08	8-10.9.2008 Poznan, PL
APMS 2008 – Advances in Production Management Systems <u>http://www.simlab.tkk.fi/APMS2008</u>	APMS 2008	14-17.9.2008 Espoo, FI

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