WCCE 2013: learning while we are connected

Toruń Vision

TC3 (Technical Committee for Education) held the 10th World Conference on Computers in Education (WCCE 2013) in Toruń, Poland, 1-5 July 2013. The 9th WCCE (2009) was held in Brazil and the next WCCE will be organized in Ireland in 2017. The conference was hosted by the Nicolaus Copernicus University of Toruń (UMK Toruń) and co-organized by the Polish Information Processing Society (PTI). Toruń is one of the most beautiful cities in Poland, the home city of the great Polish astronomer Nicolaus Copernicus, who "stopped the Sun and moved the Earth". The conference was sponsored by Pearson (platinum sponsor), Intel and Microsoft (gold sponsors), and by the Ministry of National Education and the Ministry of Science and Higher Education. The conference was preceded (June 27-30, 2013) by the workshop of the Bebras International Competition (http://bebras.org) attended by representatives from 30 countries and followed by the national conference Informatics in Education – IwE (July 5-7, 2013) which begun on July 5, 2013 as the National Day of WCCE 2013.

The conference enlightened and explored different perspectives of the theme learning while we are connected, covering all levels of formal education as well as informal learning arenas, societal aspects and challenges that are faced by developing countries. It focused on available educational resources, exceptional good educational practice, visions for future development and historic perspectives. The keynotes were addressed by the following speakers (in the order of appearance):

George Siemens (Athabasca University, Canada): Learning in Social and Technological Networks.

John Davies (Intel, USA): The Technology of Mobile Learning

Mitchel Resnick (MIT, USA): Mother’s Day, Warrior Cats, and Digital Fluency: Stories from the Scratch Community

Meloney Cargill and Dawn Sanchez (Clintondale High Schools, USA): The Flipped High School

Vaihtegi Vasanthakumar (Pearson, UK): The Incomplete Guide to Delivering Education Outcomes

Wlodzislaw Duch (UMK Toruń, Poland): Brains and Education: Towards Neurocognitive Phenomics

(Continued on page 2)
The conference contributions reflect current research and activities in the following areas:

Changing pedagogy: formative assessment, teacher role, student role, e-pedagogy.

Emerging tools for education: wiki, blog, social networking, Web 3.0, mobile technologies.

Learning 3.0 vs. digital pedagogy: collaborative, adaptive, personalised, learner centred.

Developing computational thinking: learning programming, visualisation of algorithms, modelling, simulation, informatics/computing curricula, understanding computing.

Attracting students to learn science: interactive learning, collaborative investigations, team work, virtual laboratories.

Re-engineering teacher education: new teacher roles, professional development, pre-service education, peer learning, practices research.

Collaborative learning communities: online, social networking.

Researching ICT in education: new research approaches, innovative strategies, new models, complex systems, inquiry learning.

Learning through games and simulation: online gaming, contests, competitions, serious games, science simulations.

e-Inclusion and e-Participation: special educational needs, gender issues.

Virtual schooling: learning objects, distance learning, curriculum integration, mentoring, evaluation issues, teacher collaboration, PLE, lifelong learning.

Re-structuring education systems: policy, e-safety, restructuring classrooms, flipped classroom (school) and flipped learning, learning spaces, change theories.

The conference proceedings, published before the conference by the Toruń University Press, consist of 4 volumes. All accepted full papers appeared in two volumes: Volume 1: Research papers (contains 31 papers covering 11 of the 12 conference areas); Volume 2: Practice papers (contains also 31 papers covering 10 of the 12 conference areas). Volume 3 contains 320 abstracts of the conference presentations: keynotes, full and short papers, doctoral consortium posters, posters, panels, workshops, working groups, symposia, special sessions, speed sharing, software-tools demonstrations. Volume 4 (in Polish) contains 40 keynotes, full papers and abstracts of the presentations delivered at the National Days of WCCE 2013. All papers, abstracts, and keynote presentations are available on the conference website http://wcce2013.umk.pl.

The conference brought together more than 400 professionals from 45 countries from all continents working in the field of ICT and informatics (computer science) in education. The National Day and the National Conference IwE was attended by more than 450 participants from Poland, mostly school teachers.

As a follow up of the Stellenbosch Declaration (2004), the Bento Goncalves Declaration for Action (2009), the conference produced the Toruń Vision (http://www.ifip-tc3.net/) which directs us towards the future WCCE 2017 Conference in Dublin, Ireland.

Maciej M Syslo
Program co-chair. Organizing chair
e-mail: syslo@mat.umk.pl
**Annual Report**

The Annual Report was included with the General Assembly board pack. It can also be found at [http://ipthree.org/wp-content/uploads/IP3-Annual-Report-2012-2013.pdf](http://ipthree.org/wp-content/uploads/IP3-Annual-Report-2012-2013.pdf). The IP3 board strongly acknowledge the financial support of ACS for the funding they provide that is used to support the travel undertaken by the Chair Brenda Aynsley in promoting IFIP and IP3 and the global ICT professionalism partnership message. Without such support, the effectiveness of IP3 and the awareness would be significantly reduced.

**Growth in Membership:**

Our membership has grown this year with the addition of Egypt's ITI (IT Institute) a government owned training institute which enjoys a solid reputation with the ICT ecosystem in that country. The people involved in negotiations have expressed a great deal of enthusiasm to participate in the IP3 partnership and promote the ICT professionalism message in what they do and within their country. They have the ear of the Minister for Communications in Egypt to whom they report.

It should be noted that the membership was as a direct result of meeting a senior Ministry official who attended our session at WSIS in May.

As part of the thinking for the Moving Forward concept, the IP3 Board approved the removal of fees for full IFIP members who wish to join the IP3 Global Professionalism Partnership so that all full IFIP face no financial barrier to entry. They simply have to agree that they support the IP3 Mission with respect to the growth in the global ICT profession. Consistent with this policy, from calendar year 2014 no fees will be charged to IP3 members who are also financial full IFIP members. Associate members or other categories of IFIP membership will continue to be billed for membership as a participant in the IP3 global professionalism partnership.

**IP3 in Poznan**

IP3 held general and planning meetings in Poznan on 11 and 12 September, and then took the opportunity to attend GA as observers. We appreciated the opportunity to spend more time engaging with the members at the General Assembly and through individual member conversations.

Starting at GA we have begun the process of expanding IFIP members and supporters understanding of the IP3 mission as it is expressed today. We are here to advance the 'gold' standard of ICT professionalism amongst members and within the ICT Ecosystem that includes governments and industry around the world.

We also sought and welcome from the IFIP member societies approaches from them to tell us how we can help them in matters related to Professionalism, so that we may add value to their endeavours.

IP3 also congratulate and thank Jerzy Nawrocki (Poznan University of Technology) for arranging the meeting rooms and facilities at the PUT and the delicious lunches and teas. Not only did he make all the arrangements, he also went the extra mile to make sure we had clear, visual directions to the venue, and continually checked that everything was okay. We were very impressed and most grateful.

**Recent meetings in Europe**

IP3 Chair Brenda Aynsley met with Andre Richier of the EU and Martin Sherry IVI Principal Researcher/Project Manager in Brussels, together with IFIP President Leon Strous. We met with Andre in February

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this year when IFIP IP3 were welcomed to participate in any appropriate forums but at our expense. However at this meeting we received an invitation to participate in the first quarter next year and they will cover expenses. This is a good opportunity to promote IFIP's role in ICT and professionalism.

Tuesday following IFIP General Assembly, Chair Brenda Aynsley together with Swiss IFIP GA rep, Raymond Morel, met with Mike Nxele and his colleagues from the ITU Human Capacity Development Division in Geneva and also Ms Gitanjali Sah, Policy Analyst, WSIS to advance the professionalism agenda within the ITU and WSIS forums.

These opportunities arose out of the past 3 WSIS engagements where we have promoted the need for ICT professionalism message very firmly and frequently. As a result of these engagements we now have the professionalism message firmly on the agenda for both groups and we are working to have it elevated to what is called a High Level Dialogue at which governments through their appropriate ministers, their senior advisers and industry chiefs participate.

A great outcome for IP3 and IFIP and its members.

Moira de Roche
IP3 Marketing
editor@ipthree.org

The IFIP International Conference on Network and Service Management
CNSM2013
Zurich - October 14-18, 2013

CNSM supported by IFIP and technically co-sponsored by IEEE Computer Society, and In-cooperation with ACM SIGCOMM, is the premier annual conference in the general area of network and services management. It provides an excellent forum for presenting and discussing the latest innovations, results, and developments in managing networks, pervasive systems, enterprise, and cloud environments. It is organized in a single track, highly- selective conference format attended by foremost experts in this area from academia, industry, and government. In addition to the main conference, the program also will include several workshops for focused discussions. Network and service management is a broad area ranging from management of body area networks and sensor systems to large scale enterprise and cloud environments and addressing issues that range from fault management and resilience to performance optimization, self-management, visualization and multimedia. For information about recent CNSM conferences, see CNSM 2012, CNSM 2011 and CNSM 2010.

http://www.cnsm-conf.org/2013/
From Celebrations of the 50th anniversary of the IFIP TC3 to … sustainable education

Summary and context
With the presentation by Raymond Morel, Swiss TC3 reps and TC3 Special consultant, on the 3rd of July 2013 at Torun WCCE’2013, we have a smart and extensive contribution to explicit the network of competences and awareness during 50 years of radiant and anticipative activities from a community of experts collaborating with plenty of bodies and not restricted to WCCE (World Conference on Computer in Education).

The presentation is 112 slides (ca 17Megas) including behind this « backbone » some 700 slides and 50 other links to better situate the worldwild TC3 actions


I have to confess that it was not easy to select and describe 50 years of activities (ca 3 cubic meters of documents), when during the same period the world moved a lot and not only regarding the evolution of technologies (in 1971 my institution paid CHF 50'000.- for a HP table computer with a plotter and CHF 32'000.- for a memory extension – 4k of 16 bits - of our time sharing system. Remember in 1963 EU did not exist yet (Common Market of 6 countries only) and since this time a lot of innovations and discoveries appeared not forgetting many changes which emerged in almost all the societies.

You can easily observe and identify some facts :

• the evolution of titles for each contribution over time
• how long it takes to put an idea or a concept in action
• difficulties to express clean visions and to apply them along the time
• some findings of TC3 activities are well hidden behind a publishing process heavy and costly which prevents the quick spreading of good improvements
• some bright anticipate visions to ease decision makers

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• the reactivity of educational systems which prefer some «political », local, partial and slight reforms instead of a deep re-engineering of the whole organisation
• the impression of conservatism to continue empowering the primacy of teaching in front of learning (the learner knows nothing) with its usual alibis (curriculum, diploma, teacher education, exam's, evaluation, didactic of subject areas, etc)
• the gap between the speed of development of technology and the slow integration of human behaviours
• the too fast planning of projects and sometimes the lack of valorisation from the authority side
• the non-balance between technology driven and pedagogy driven
• the impression that we move from a wrong paradigm (each learner is stupid) to an other wrong paradigm (in front of a screen each learner is clever),
• etc,…

According to the fact that neither the goals of MDG (Millenium Development Goals) neither the targets of WSIS (World Summit of the Information Society) will be reached in 2015 as promised, there is time to work harder on the TC3 problematic’s (ICT and Education), because it’s not the announcement last May during the WSIS Forum that « on the earth there are 7.x billion of inhabitants and 7.x billion of mobiles » which will solve the problems.

There still remain plenty of questions to solve:

• the answers fixing the place of education in each society to base any development with ICT including the cultural diversity ?
• what is digital pedagogy ?: to avoid to put ICT in existing education systems rather then select the appropriate attitude where ICT enriched existing pedagogies ?
• to act in a global and systemic way namely with the population of learners incorporating from the beginning the necessity of Lifelong Learning processes ?
• how to promote digital e-literate citizens ?
• how to avoid confusing prediction and prospective ?
• how to facilitate reaching sustainable education in the long time ?
• etc,…

The announced Torun vision as a concrete follow-up after a series of declarations (2002, 2003, 2005 and 2009) and should help planning for the 11th WCCE in Dublin in 2017 and in 2021 (WCCE was never held in Asia … !).

If you are interested to be involved, you have an appointment at

http://ifip-education.ning.com

“If we want things to stay as they are, things will have to change”
— Giuseppe Tomasi di Lampedusa, The Leopard
"Oscars of ICT shines for 22nd Year in Western Australia"

The 22nd annual WAiTTA (Western Australian Information Technology and Telecommunications Awards), dubbed, “the Oscars of ICT” by a former Western Australian Premier - shorn spectacularly on Friday June 14th, 2013, at the Hyatt Regency’s Grand Ballroom in Perth, where it recognised and rewarded an exciting line-up of high-calibre winners and finalists, before a record 450 guests and VIPs from across the ICT community.

The WAiTTA Gala Presentation Dinner, which was developed and run by the WA Branch of the Australian Computer Society (ACS), honours the exceptional contribution from Western Australians to various sectors with innovations, products, developments and services, over the past year. Offering Companies, Universities and Colleges, Public Sector, Leading Professionals and Students across the ICT industry the opportunity to be recognized and celebrated for their pioneering efforts and excellence in leading-edge technology, and outstanding service.

The event was opened by the current Chair of the WAiTTA Organising Committee Mr Arnold Wong FACS, who is also a member of the ACS(WA) Branch Executive Committee and National Management Committee of the ACS. He was followed by the Hon Michael Mischin, Minister for Commerce and Attorney General who announced the establishment of the Western Australian Digital Pavilion and invited the WAiTTA winners and finalists to be the inaugural exhibitors at the pavilion presenting their products and services.

WAiTTA, supported by the ICT industry, was conceived and launched in 1991 by former ACS Branch Chair Jim Ellis OA. Since then it has grown from strength to strength, to become a multimedia extravaganza, and the award of choice, worthy of the high quality applicants.

Winners of WAiTTA are then entered into the equivalent category of the National iAwards, giving them the opportunity to eventually compete on a world stage, representing Australia in the Asia Pacific Information and Communication Technology Awards (APICTA) to be held in Hong Kong in November.

In keeping with the Gala atmosphere, entertainment for the evening was also of high calibre, being provided by Ms Celia Christmass conducting the Perth Modern School Choirs – Chorus Angelicus, Schola Cantori and Phoenix – 50 gifted and talented young men and women, and “Eden", a brand new all-female Techno-Opera Band.

Jim Owens
Honorary Secretary of the BEC at ACS WA

Please find photos from the vent at https://drive.google.com/folderview?id=0B5_69O3ys2UGQk14VFZpcWVOVUE&usp=sharing
INTERACT 2013, the 14th in the series of INTERACT International Conferences supported by the International Federation for Information Processing (IFIP) Technical Committee 13 on Human–Computer Interaction (HCI), took place 29 years after the first INTERACT held in September 1984 in London, UK. The hugely successful INTERACT 2013, brought the Conference to South Africa and to Africa for the very first time, and took place at the Cape Town International Convention Centre between 2 and 6 September 2013. INTERACT 2013 was organized by the Nelson Mandela Metropolitan University (Port Elizabeth) and the Meraka Institute of Council for Scientific and Industrial Research (Pretoria), in collaboration with the University of Cape Town. The first two days of Conference were dedicated to various workshops, tutorials and the Doctoral and African Masters Consortium. The latter was specifically included in the programme to support the development of HCI in Africa.

Like its predecessors, INTERACT 2013 highlighted, to both the academic and the industrial world, the importance of the HCI discipline and its most recent breakthroughs. The African tradition of HCI focuses very much on the human and social aspects of HCI, recognizing the diversity of its people and the context in which they go about their everyday lives. The Conference theme for INTERACT 2013, ‘Designing for Diversity’, echoed the African context and recognized the interdisciplinary, multidisciplinary and intercultural spirit of HCI research and practice. We hope that INTERACT 2013 will be remembered as a conference that brought the diversity of HCI research to the forefront, making the digital world a better place for all, regardless of where they come from.

INTERACT 2013 was attended by participants from 37 countries, from all continents. A total number of 356 people attended the different events over the 5-day Conference week. For the first time in the history of INTERACT, we had a substantial number of participants (59) from Africa. This clearly demonstrates the value of taking a conference of the stature of INTERACT to different parts of the world, including developing countries. We again provided support for 29 students from around the world to attend INTERACT 2013 through the student volunteer programme.
The technical programme included four excellent keynote speakers:

In a presentation titled ‘Designing Hybrid Input Paradigms’, Prof Abigail Sellen, Principal Researcher at Microsoft Research Cambridge UK and Co-manager of Socio-Digital Systems, discussed recent adventures in trying to design and implement hybrid forms of input, layering new forms of input on top of existing systems and practices, and highlighted the challenges and the opportunities for future input paradigms.

Dr Susan Dray, the founder of Dray & Associates, in her presentation addressed the topic ‘What Africa can teach the rest of the world (and what it can learn)’, leveraging her exhaustive international experience in user studies and designing products and services.

Prof Yvonne Rogers, Director of the Interaction Centre and a Professor of Interaction Design at the University College of London, in a presentation titled ‘Mindful or Mindless Technology?’, argued for a radical rethink of our relationship with future digital technologies, one that inspires us, through shared devices, tools and data, to be more creative, playful and thoughtful of each other and our surrounding environments.

In an inspiring closing address, Prof Johannes Cronje, Dean of the Faculty of Informatics and Design at the Cape Peninsula University of Technology, talked about the collaboration between people and people and things, and the role of designers, researchers and educators play in designing for the future, including the ‘how to’.

A further 270 peer-reviewed contributions (full and short research papers, industrial programme papers, interactive posters, panels, SIG, tutorials, workshops, and the doctoral and masters consortiums) completed the technical programme. To ensure the high quality of the INTERACT Conference papers, all submissions were reviewed by members of an International Programme Committee of almost 700. The acceptance rate for the full and short research papers was 31% and 45% respectively.

The following contributions received an honorary mention by the INTERACT 2013 Programme Committee:

The Research Paper titled ‘Availability4D: refining the link between availability and adoption in marginalised communities’ by Fritz Meissner and Edwin Blake.


The Best Presentation at the African Masters Consortium: Michael Kyazze, Nelson Mandela Metropolitan University, for his presentation titled ‘A Model for Managing Personal Health Records Using Mobile Devices in South Africa’.

Best Poster by an African Masters Consortium Participant: Natalie Meiring, Nelson Mandela Metropolitan University, for her poster titled ‘The Role of Socio-economic Background in Establishing the User Experience of Tablets: A Case Study of South African Users’.

Best Presentation at the Doctoral Consortium: Alexandra Stiver, from the Open University (UK) for her presentation titled ‘Crowdfunding and Online Community: Maximising Mutual Benefit’.

Best Poster by a Doctoral Consortium Participant: Laura Maye, from the University of Limerick for her poster titled ‘Supporting DIY Approaches for Cultural Heritage Professionals through Digital Technology’.

Best Workshop Outcome Poster: ‘Walking for data’ for the workshop organised by Mads Bødker, David Browning and Nina Dam Meinhardt.

Best Poster With A Student As First Author: ‘Traveller: an interactive cultural training system con-
trolled by user-defined body gestures’ by Felix Kistler, Elisabeth André, Samuel Mascarenhas, André Silva, Ana Paiva, Nick Degens, Gert Jan Hofstede, Eva Krumhuber, Arvid Kappas and Ruth Aylett.

Best Poster with an Academic/Researcher/Practitioner as First Author: ‘Cultural Congruence and Rating Scale Biases in Homepages’ by Gitte Lindgaard, Cathy Dudek and Gerry Chan.

In true South African ICT Research tradition, INTERACT 2013 was run as a ‘Conference with a Conscience’. A ‘Conference with a Conscience’ aims to support the local community, raise funds for local charities, raise the conscience level of delegates of the needs of Africa’s people and its animals, and support the spirit of Ubuntu (“I am what I am because of who we all are”). The initiatives included going green with the conference bags, by sourcing bags recycled from billboard and created by a job creation project; providing a ‘Save the Rhino’ bracelet as a conference gift to raise the awareness amongst participants of the struggle for survival of our rhinoceros and to support efforts to protect them against poaching and being killed by the hundreds for their horn; by sourcing conference dinner gifts from artists working in a community upliftment programme; and having a charity auction at the conference dinner where products made by local communities were put up for auction, the funds of which raised will go to Endinako and Emanuuel Haven communities.

Figure: Conference bags being produced; rhino bracelet; conference gifts being handmade.
IFIP TC13 2013 AWARDS

At the recent INTERACT 2013 Conference (2-6 September 2013, Cape Town, South Africa) several IFIP TC13 (Human-Computer Interaction) presented several awards (the IFIP Brian Shackel Award, the IFIP TC13 Accessibility Award, the IFIP TC13 Interaction Design for International Development (IDID) Award) and honoured five IFIP TC13 Pioneers.

IFIP Brian Shackel Award
The IFIP Brian Shackel Award recognises the most outstanding contribution that draws attention to the need for a comprehensive human-centred approach in the design and use of information technology in which the human and social implications have been taken into account.

The 2013 recipients of the IFIP Brian Shackel Award are Micheline Elias, Marie-Aude Aufaure and Anastasia Bezerianos, for their paper titled ‘Storytelling in Visual Analytics Tools for Business Intelligence’. This is a paper on a highly relevant and timely topic of human-computer interaction – storytelling. Second, it is in the field of visual analytics, an increasingly important theme combining computer science and HCI in today’s world of big data. Third, the paper provides a great example of informed design.

IFIP TC13 Accessibility Award
The IFIP TC13 Accessibility Award recognizes an outstanding contribution with international impact in the field of accessibility for disabled users in human-computer interaction.

The 2013 recipients of the IFIP TC13 Accessibility Award are Raghavendra Reddy Gudur, Thea Blackler,
Vesna Popovic and Doug Mahar for their paper titled ‘Ageing, Technology Anxiety and Intuitive Use of Complex Interfaces’. This paper presents the outcome of a study that investigated the relationships between technology prior experience, self-efficacy, technology anxiety, complexity of interface and intuitive use in older people. The paper addresses elderly people not only for their sensory or motor requirements but also for their cognitive limitations. Overall, the findings suggest that when the tasks are designed with consideration of the cognitive limitations of older people, the age differences are minimal for most age groups.

IFIP TC13 Interaction Design for International Development (IDID) Award
The 2013 recipients of the IFIP TC13 Interaction Design for International Development Award (given now for the first time) are Nicola J Bidwell and Masbulele Jay Siya for their paper titled ‘Situating Asynchronous Voice in Rural Africa’.

This paper forms part of a long-term research programme that is exemplary for interaction design and international development. The authors pay close attention to the detailed practices of interaction between people, and to interactions between people and technologies. The work is taking place in rural South Africa, in a primarily oral culture. The authors’ observations throw into sharp relief unconscious design assumptions that are common to interaction designers because of our shared cultural background, and they illustrate some novel design responses. These ideas can contribute to new interaction designs that are more usable, useful and accessible for people whose cultural background is primarily oral, and whose experience of digital technologies is very limited. The close, long-term relationships between professional researchers and community participants in this programme, the deep respect shown for the established communication practices in this context, and the determination to design a technology that reflects this reality make the work exemplary as a truly user-centred approach to designing for development.

IFIP TC13 Pioneers
An IFIP TC Pioneer is one who, through active participation in IFIP Technical Committees or related IFIP groups, has made outstanding contributions to the educational, theoretical, technical, commercial or professional aspects of analysis, design, construction, evaluation and use of interactive systems.

The 2013 IFIP TC13 Pioneers are:

Joëlle Coutaz, France: Professor Emeritus at University of Grenoble; Past vice-chair of IFIP WG 2.7 on User Interface Engineering; Member of the CHI Academy; Pioneering work on multimodal interaction and software architecture modeling for interactive systems; Developer of the PAC model.

John Karat, USA: Senior Researcher at IBM Research (semi-retired); Past Chair of TC13; Active in several working groups, particularly WG13.1 and WG13.2; Important connection with industry and academia, and very active in international development; Research on design collaboration, speech-based systems, and early electronic medical record systems; Co-recipient of the first Brian Shackel Award.
Gitte Lindgaard, Australia: Adjunct Professor at Carleton University; Past TC13 Secretary; Past head of the Human Factors Division at Telstra Research Laboratories in Australia; First North American Chair in user-centred design at Carleton University; Groundbreaking work on the multimedia presentation of information for human-human communication and the aesthetic and emotional appeal of the interactive experience.

Zhengjie Liu, China: Founder and Director of Sino European Usability Center (SEUC); Professor at School of Information Science & Technology of Dalian Maritime University (DMU); Co-founder of ACM SIGCHI China; Active as Chinese TC13 representative and in many of the working groups; A pioneer in bringing China and the rest of the HCI world closer together; Research on usability/user experience and user-centered design.

Gerrit van der Veer, The Netherlands: Professor Emeritus at Vrije Universiteit Amsterdam; Current President of ACM SIGCHI; Working to make ACM more international and seeking good collaboration between IFIP and ACM; A long standing representative of Netherlands in IFIP TC13; Active researcher and contributor at working groups particularly in cognitive
COLOMBO, Aug. 12 - Yasa Karunaratne, a veteran IT consultant in Sri Lanka was recently conferred the Distinguished Fellow Award of the South East Asia regional Computer Confederation (SEARCC). The award was presented at the SEARCC 2013 international conference, being held in Colombo, from August 12-14. This is the first time in the history of SEARCC that this distinguished award was presented.

Mr. Karunaratne has served as the Secretary General of SEARCC, a prominent regional association for computer professionals in Asia-Pacific for 10 years. He played a key role in the reestablishment of SEARCC after a period of inactivity in 2002 when he was elected unanimously as the Secretary General. He has been an active contributor to SEARCC EXCO for 26 years since 1986.

He has represented SEARCC at the General Assemblies and Conventions of the International Federation for Information Processing in France, South Korea, Botswana, Vietnam, Australia and Netherlands during the course of which he brought in numerous benefits to SEARCC from IFIP.

Mr Karunaratne is a founder member of the Computer Society of Sri Lanka and was its President from 1991-1999 and has served in the CSSL Council for 3 decades. He consolidated the position of the Computer Society as a strong professional body with recognition both locally and internationally.

One of the prestigious moments of his presidency in CSSL was the hosting of Sri Lanka's first International IT Conference - SEARCC'95. Mr Karunaratne’s leadership as the Chairman of SEARCC’95 Organizing Committee enabled to boost Sri Lanka's image internationally. SEARCC’95 is considered by far the best organized SEARCC conference ever which attracted a large number of foreign delegates. He has the unique distinction of being the first Sri Lankan to be the President of the South East Asia regional Computer Confederation which comprised of 13 countries in the Asia Pacific Region in 1995.

The new building of the CSSL equipped with modern facilities, one of his key initiatives, which he almost single handedly planned and pioneered, will remain as a symbol of his dedication and commitment to the CSSL.

Mr Karunaratne was a Board Director of the Council for Information Technology Sri Lanka from 1993 to 1999. He has represented the Computer Profession in the Organisation of Professional Associations since 1989 to date and was its Vice President in 1991 and 1995.

He was the Chairman of the Sri Lanka Information and Communication Technology Association from 2003-2005 which was considered the voice of the ICT industry in Sri Lanka.

Mr Karunaratne was awarded a United Nations Fellowship for post-graduate studies in 1979 and obtained his Masters in Computer Science from the Colorado State University, USA. He has been a well-respected IT consultant to many Sri Lankan and International organizations including many World Bank and Asian Development Bank funded Projects. He was an Information Specialist from 1979-1980 for the United States Department of Agriculture and a National Consultant to the United Nations in 1984. He has contributed to the development of Information Technology in diverse areas.

Outside professional involvement, he has excelled in the game of Bridge. He was the captain of the Sri Lanka National Bridge team in 1983, 1993, 2002 and 2003.

Mr Karunaratne's deep rooted vision and passion for excellence has been a mark of distinction. His contribution to the IT Profession and Industry is immeasurable.
Technological Innovation for Collective Awareness Systems

Innovation and Digital Business Innovation are key pillars in sustainable growth. **DoCEIS 2014** focuses on socio-technical systems capable of harnessing collective intelligence for promoting innovation and taking better, informed and sustainability-aware decisions: **Collective Awareness Systems**. These systems leverage the emerging "network effect" by combining open social media, distributed knowledge creation and data from real environments ("Internet of Things"), thus linking objects, people and knowledge in order to foster new forms of social and business innovation.

**General Information**

DoCEIS 2014 is aimed as an international forum for presentation of research results coming out of PhD works, and a space for discussion of post-graduation studies, PhD thesis plans, and practical aspects of a PhD work. Among other activities, it includes:

- Presentation of research results by PhD students (co-authored by their supervisors).
- Tutorials by invited experts on scientific, methodological, or soft skills topics.
- Presentation and discussion of the base ideas of the thesis plans.
- Discussion of the scientific and technical challenges in the several Electrical and Computer Engineering specialization areas.
- Sharing of experiences among PhD students from different geographical regions.
- Forum on practical aspects (e.g. Publications, job market, careers, etc.).
- Creation of collaborative (social) networks.

Prospective authors of research papers are invited to submit their manuscripts reporting original work, in any of the scientific areas of the conference. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged.

Following the successful previous editions, proceedings are expected to be published by Springer, IFIP AICT series (and submitted for indexation in Web of Science). Best papers will be considered for possible inclusion in a special journal issue.

There will be also poster discussion sessions regarding theses’ plans. These sessions are designed in order to provide early feedback to PhD candidates in the initial phase of their studies.

**Topics of interest** (but not limited to):

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<th>Control and Decision Electronics</th>
<th>Robotics and Integrated Manufacturing</th>
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Highlight how your research can contribute to the development of the Collective Awareness Systems or how they can affect/influence your area of work.

DoCEIS 2014 is co-sponsored by **IFIP WG5.5**.

For additional information, please visit [http://sites.uninova.pt/doceis](http://sites.uninova.pt/doceis)
The 11th IFIP TC9 Human Choice and Computers Conference - HCC 11
July 30th - August 1st, 2014, Turku, Finland

ICT and Society

It is crucial to understand how ICT innovation is associated with change in society! Human Choice and Computers – a series of conferences organised by the International Federation of Information Processing’s (IFIP) Technical Committee 9 (TC9) – focuses on this critical issue. It works to shape socially responsible and ethical policies and professional practices in the information society. The themes pertinent to the work of IFIP TC9 will be covered at this conference. In 2014, this conference series will celebrate its forty-year history.

The conference welcomes input from members of academia, civic society, computing associations, industry, the IT professions, and research in the following themes:

- Computers and Work
- Ethics of Computing
- Gender Diversity and ICT
- History of Computing
- ICT and Society
- ICT and Sustainable Development
- ICT, Peace and War
- Information Technology: Misuse and The Law
- Social Accountability and Computing
- Social Implications of Computers in Developing Countries
- Virtuality and Society

The conference is open to attendees at all stages of career and education. Submitted papers should be approximately 3000-5000 words. Please indicate primary track to which the paper is submitted.

More specific information on the topics can be found at the conference web site: [http://www.hcc11.net](http://www.hcc11.net)

**Paper submission**

Please return your submission to EasyChair (will be available at the web site). Submitted papers should be 3000-5000 words.

**Conference venue**

Turku School of Economics, University of Turku, Finland

[http://goo.gl/maps/Q2Xji](http://goo.gl/maps/Q2Xji)

**Important dates**

- December 15th, 2013: Submissions due
- February 15th, 2014: Notification of acceptance/rejection
- April 1st, 2014: Submission of camera ready papers
- June 1st, 2014: Deadline for registering for the conference with early bird fee
- July 30th-August 1st, 2014: Conference dates

Note, that due to technical details regarding printing, the camera ready papers must be delivered by the deadline.

We especially welcome papers from developing countries, and are applying for some IFIP funding for enabling representatives to participate. Please approach the conference organisers for further information.
Some of forthcoming IFIP events. For a full list of events, please look at [http://www.ifip.org](http://www.ifip.org)

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<tr>
<th>Event Description</th>
<th>Code</th>
<th>Dates</th>
<th>Location</th>
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<td>IFIP/IEEE International Conference on Very Large Scale Integration <a href="http://vlsi-soc.com">http://vlsi-soc.com</a></td>
<td>VLSI-SoC</td>
<td>07/10-09/10 2013</td>
<td>Istanbul, TR</td>
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<td>Sustainable Internet and ICT for Sustainability <a href="http://www.dicgim.unipa.it/networks/sustainit2013">http://www.dicgim.unipa.it/networks/sustainit2013</a></td>
<td>SustainIT</td>
<td>30/10-31/10 2013</td>
<td>Palermo, IT</td>
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<td>2013 International Conference on Service Oriented Computing <a href="http://icsoc.org">http://icsoc.org</a></td>
<td>ICSOC 2013</td>
<td>02/12-06/12 2013</td>
<td>Berlin, DE</td>
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<td>International Conference on Application of Information and Communication Technology and Statistics in Economy and Education <a href="http://icaictsee-2013.unwe.bg">http://icaictsee-2013.unwe.bg</a></td>
<td>ICAICTSEE 2013</td>
<td>06/12-07/12 2013</td>
<td>Sofia, BG</td>
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<td>International Conference on Model-Driven Engineering and Software Development <a href="http://www.modelsward.org/">http://www.modelsward.org/</a></td>
<td>MODELSWARD</td>
<td>07/01-09/01 2014</td>
<td>Lisbon, PT</td>
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<td>International Conference on Cloud Computing and Services Science <a href="http://closer.scitevents.org/">http://closer.scitevents.org/</a></td>
<td>CLOSER</td>
<td>03/04-05/04 2014</td>
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<td>Creating Value for All through the Transfer and Diffusion of IT <a href="http://ifip2014.cs.aau.dk">http://ifip2014.cs.aau.dk</a></td>
<td>WG8.6 2014</td>
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<td>Aalborg, DK</td>
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<td>IFIP Networking 2014 Conference</td>
<td><a href="http://networking2014.item.ntnu.no">http://networking2014.item.ntnu.no</a></td>
<td>10/06-12/06 2014</td>
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<td><a href="http://informatikdidaktik.de/IFIP2014">http://informatikdidaktik.de/IFIP2014</a></td>
<td>01/07-04/07 2014</td>
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<td>Key Competencies for Educating ICT Professionals</td>
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<td>01/07-04/07 2014</td>
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<td>Mathematics in Engineering, Science and Aerospace world congress</td>
<td><a href="http://icnpaa.com">http://icnpaa.com</a></td>
<td>15/07-18/07 2014</td>
<td>Narvik, NO</td>
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