9th International Conference ICTERI 2013

ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer


LinkedIn Group: ICT in Education, Research, and Industrial Applications

Proceedings (CEUR-WS) indexed by: DBLP, Google Scholar

Post-proceedings (Springer CCIS) indexed by: DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, Scopus, SCImago, Scopus

Call for Sponsors
http://www.icteri.org/page/sponsors-icteri-2013

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Lots for Sponsors

The following Sponsorship Lots* are offered:

- **Information Sponsor**
  In this category we invite projects, organizations, and companies to help publicize ICTERI 2013 Calls and Results via mass media channels

- **Keynote or Invited Talk Sponsor**
  This will be a company, an organization, or a project covering the travel and accommodation expenses of our keynote or invited speaker (circa 1,500 Euro). The information about ICTERI 2013 Keynote and Invited Speakers could be retrieved from http://www.icteri.org/page/icteri-2013-invited-talks-and-speakers

- **Conference Social Event Sponsor**
  In this category we invite sponsors to help us organize and finance ICTERI Welcome Reception on conference Day 1 and/or Conference Dinner on Day 2. The lots amount to 1,000 Euro

- **Students Sponsor**
  In this category we seek for travel grants for PhD and MSci students who are the (co-)authors of the papers accepted for ICTERI 2013 and will present at the conference. The grants amount for:
  - A travel grant for a student from outside Ukraine is circa 600 Euro
  - A travel grant for a student from a University or Institute in Ukraine amounts to 100 Euro
  Sponsors opting for providing travel support are invited to choose how many student grants in any of the categories are provided.

*Sponsorship Lots are specified in Ukrainian National currency (UA Hryvna) or in any other World currency. Amounts specified in Euro are indicative.

Sponsor Categories

**Platinum Sponsors** - contributing over 2,000 Euro

**Gold Sponsors** - contributing 1,000 – 2,000 Euro

**Silver Sponsors** - contributing below 1,000 Euro

Publicity

All Sponsors will be announced at:

- The ICTERI Web Site: http://www.icteri.org/page/sponsors-icteri-2013
- The volume of ICTERI 2013 proceedings published at CEUR-WS.org
- The volume of ICTERI 2013 post-proceedings published at Springer

In addition to that, Gold Sponsors will be offered to place their company presentation poster at the conference plenary meetings hall.

Yet in addition to that, we will be honored to offer our **Platinum Sponsors** give a 10-15 minute talk at our opening session or at a social event
Conference Scope

ICTERI 2013 is a peer-reviewed International Computer Science conference that brings together academics and practitioners interested in the technological advances and business applications of Information and Communication Technologies and Infrastructures. One of the main focuses of ICTERI is on real world applications; therefore authors are invited to highlight the benefits of their scientific results or practical experience for industry.

Companies or individuals interested in presenting their industrial products or methodologies are invited to contact the conference steering committee. This year ICTERI will comprise a collection of such talks and presentations as its IT Talks sub-event.

ICTERI also offers its infrastructure and facilities for the organizers of satellite workshops that match the scope of the conference. The call for ICTERI 2013 Workshops is published separately.

Traditionally ICTERI solicits full research, work-in-progress, discussion papers and industry experience reports. In particular, but not exclusively, the papers within the following topics are relevant:

- ICT infrastructures, integration and interoperability
- Linked Data and Data Clouds
- Data Grids and Grid Infrastructures
- Web Services and distributed computing
- Semantic Web Services
- Service choreographies, compositions, and orchestrations
- High performance computing
- Ubiquitous computing
- Distributed data warehousing and business intelligence
- Concurrent computation
- Agent systems for integration and interoperability
- Machine Intelligence, knowledge engineering (KE), and knowledge management (KM) for ICT
- Methodologies for KE and KM
- Knowledge models and representations in ICT applications and related domains
- Knowledge-based collaboration, knowledge distribution, and evolution of knowledge
- Advanced knowledge modeling languages and tools
- Provenance, reliability and trust in KM
- KM and KE for collaboration and decision support
- Distributed approximate, large-scale reasoning in ICT
- Knowledge evolution
- Distributed AI, intelligent software agents, multi-agent systems for KE and KM
- Biologically and socially inspired approaches to implement machine intelligence
- Model-based software system development
- Mathematical models of information systems and processes
- Formal methods for specification and verification of software systems
- Mathematical modeling and computer simulation of systems
- Cooperation between academia and industry in ICT
- Management of joint academic-industrial research and development
- Deployments of ICT for academic-industrial cooperation and knowledge transfer
- Industrial experiences in using ICT and knowledge technologies
- Methodological and didactical aspects of teaching ICT and using ICT in education
- Spectrum of professional qualifications: labor market needs, the impact of the labor market on the formation of the graduates’ competences
- Standardization of IT specialists’ training and specializations: balance between theoretical and practical training; elective courses – what is it?
- Quality assurance of IT specialist training
- Participation of universities in professional retraining and life-long training on demand of the labor market
- ICT tools and environments for professional training at universities
- Computer mathematics and modeling systems in education
- Competence paradigm of education and research approach in education with ICT support
- Microcomputer laboratories in education (Sciences, Mathematics, Languages, Engineering etc.)
- ICT support for virtual educational communities (social constructivism and constructivist approach)
- CAT (computer adopting testing) and MS (monitoring systems) in education

More details about the topics of ICTERI scope could be retrieved from the ICTERI Terms page of ICTERIWiki at http://isrg.kit.zmu.edu.ua/icteriwiki/index.php/ICTERI-Terms.

Facts about Previous ICTERI 2012

Program

In 2012 the Conference included the main conference, 3 satellite workshops (http://www.icteri.org/page/workshops-icteri-2012), and IT Talks panel for industrial presentations in its program. ICTERI 2012 (http://www.icteri.org/page/icteri-2012) was attended by 112 participants from 8 countries (Ukraine, Austria, Belarus, Finland, France, Russian Federation, Slovakia, and United Kingdom). The conference also offered a keynote talk by Prof. Grigoris Antoniou (http://www.ics.forth.gr/~antoniou/) and an invited talk by Prof. Martin Strecker (http://www.irit.fr/~Martin.Strecker/).

Participants, Submissions, Publication Quality

Overall ICTERI 2012 had attracted 70 paper submissions. The Conference Program Committee (http://www.icteri.org/page/conference-program-committee) has selected 34 best of those 70 for the main conference. ICTERI 2012 conference proceedings volume has been published on-line at CEUR-WS.org and may be retrieved from http://ceur-ws.org/Vol-848/.

In the second selection phase the Steering Committee has chosen 18 papers as the candidates for post proceedings. Out of those 18 we have finally accepted 14 best quality and most interesting chapters that have been substantially revised and extended. This resulted in the acceptance rate of 20 per cent. ICTERI 2012 post-proceedings are published as vol. 347 of the Springer Communications in Computer and Information Science (CCIS) series.

ICTERI 2012 conference proceedings are indexed by DBLP (http://dblp.uni-trier.de/) which is one of the major international Computer Science indexes.

Visibility of ICTERI on the Web

ICTERI resources on the Web are of broad and growing interest by the members of the professional community. Indeed, between the launch of the conference web site in November 2011 and the beginning of the conference in June 2012 we have received about 3,500 visits from 75 countries (332 cities), 62 per cent of those visits were by returning visitors. After the end of the conference in June and till the end of September 2012 we received additional 900 visits of which approximately 49 per cent were by new visitors.

Recent hits statistics for the ICTERI web site (http://icteri.org/) provided by Google Analytics clearly shows that the visibility and popularity of this web resource continues to steadily grow.