13th International Conference ICTERI 2017
ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer
May 15-18, 2017, Kiev – Ukraine

LinkedIn Group: ICT in Education, Research, and Industrial Applications
Facebook Group: ICTERI Conference
Proceedings: CEUR-WS indexed by DBLP, Scopus
Post-proceedings: Springer CCIS (acceptance pending), indexed by: DBLP, EI-Compendex, Mathematical Reviews, SCImago, Scopus

Conference Scope
ICTERI is an annual peer-reviewed international Computer Science conference focusing on research advances, business/academic applications of Information and Communication Technologies, design and deployment of ICT Infrastructures. The emphasis is also put on real world applications of ICT solutions. Therefore, all contributions are strongly encouraged to demonstrate how and to what purpose the proposed solutions are used or transferred into use, for example by a proof-of-concept implementation; a prototype in an advanced stage; a case study involving new tools and/or methodological approaches; experimental studies with real use cases, including knowledge or technology transfer; visionary papers or surveys revealing new needs and trends. Reports on academic-industrial partnerships for ICT innovation and knowledge transfer are as welcome as technological and methodological submissions. We solicit submission of original work, not previously published or submitted for publication elsewhere, that address one or more of the following topics. Papers must be submitted to one of the following Thematic Tracks:

- **Track 1: Advances in ICT Research**
  - Semantic Integration and Interoperability
  - Managing Big Data and Linked Open Data
  - Data Analytics and Business Intelligence
  - Knowledge Models, Languages, and Representations
  - Ontologies: Engineering, Alignment, and Evaluation
  - Machine Learning and Reasoning Methods
  - Reliability and Trust in Knowledge Management
  - Biologically and Socially Inspired Approaches to Machine Intelligence

- **Track 2: Information Systems: Technology and Applications**
  - Service-Oriented and Large-scale Distributed Computing
  - Cloud Computing
  - Model Driven Architectures / Software Development
  - Business Process Management
  - Knowledge Extraction, Engineering and Management

- **Track 3: Academia/Industry ICT Cooperation**
  - Joint Academic-Industrial Research and Development
  - Infrastructures, Tools and Framework Conditions for Cooperation and Knowledge Transfer
  - Best Practices

- **Track 4: ICT in Education**
  - Methodology and Didactics of Teaching and Using ICT
  - Advances in and Tools for Technology Enhanced Learning
  - Balance between Theory and Practice in Curriculum Design
  - ICT Competence Design and Development
  - Quality Assurance of ICT Education
  - Professional Retraining and Life-Long Learning using ICT
  - Infrastructures and Framework Conditions for ICT Education
  - Modeling Systems in Education

Contacts for Sponsors
**General Chair:** Aleksander Spivakovsky (Spivakovsky@ksu.kyiv.ua), Verkhovna Rada of Ukraine
**Publicity Chair:** Natalya Kushnir (Kushnir@ksu.kyiv.ua), Kherson State University
**Program Committee Chair:** Vadim Ermolayev (vadim@ermolayev.com), Zaporizhzhya National University

* ICTERI Tracks focus, but are not limited to the listed topics.

No Conference Fee
Traditionally, ICTERI does not charge conference fees. Participation is FREE. Infrastructure and service expenses are covered by our sponsors.

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 volume of ICTERI 2017 proceedings published at CEUR-WS.org
- The volume of ICTERI 2017 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** a 5-10 minute talk at our opening session or at a social event.

**Lots for Sponsors**
The following Sponsorship Lots* are offered:
- **Information Sponsor**
  - In this category we invite projects, organizations, and companies to help publicize ICTERI 2017 Calls and Results via mass media channels.
- **Keynote Sponsor**
  - This will be a company, an organization, or a project covering the travel and accommodation expenses of our keynote speaker (circa 1,500 Euro). The information about ICTERI 2017 Keynote Speakers will appear at [http://icteri.org/icteri-2017/](http://icteri.org/icteri-2017/)
- **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 a University or Institute in Ukraine – 100 Euro
  - A travel grant for a student from outside Ukraine – 600 Euro

Lots are accepted in Ukrainian National currency (UA Hrivna) or in any other World currency. Amounts specified in Euro are indicative.

Call for Sponsors
[http://www.icteri.org/icteri-2017/]
Satellite Events at ICTERI 2017

ICTERI is a conference which helps organize a corolla of its satellite events to make its scientific and technical program as interesting and attractive as possible. The Calls for ICTERI 2017 satellite events are published separately. Please check the Scope and Calls section at the ICTERI 2017 web site for more details: http://icteri.org/icteri-2017/scope-and-calls/.

PhD Symposium

A new satellite event at ICTERI 2017 is a PhD Symposium. This event is a forum for PhD students to present and discuss their PhD projects with their peers and also get a feedback from internationally recognized PhD mentors. More information about this event is available at the Call for PhD Symposium Papers page at the ICTERI 2017 web site: http://icteri.org/icteri-2017/call-for-phd-symposium-papers/.

Workshops

ICTERI 2017 encourages the applications to organize satellite workshops that match the scope of the conference – as described at the Call for Workshops page at the ICTERI 2017 web site: http://icteri.org/icteri-2017/call-for-workshops/.

Posters and Demos

ICTERI 2017 will host its Poster and Demo session as a discussion forum for intermediate results which their authors would like to present to conference participants and receive their feedback. This event is also a good venue for those who wish to present the demo of their software tool. The information about the respective Call could be viewed at the Call for Posters and Demos page of the ICTERI 2017 web site: http://icteri.org/icteri-2017/call-for-posters-and-demos/.

IT Talks

Companies or individuals interested in presenting their 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.

Previous ICTERI Conferences

ICTERI is a series of International Computer Science conferences which has taken its roots from the European Project UnIT-Net funded by the TEMPUS TACIS Program of the European Union. In its todays format, ICTERI first took place in Kherson, Ukraine in 2011. Since that the conference already visited Lviv and Kyiv.

More details are presented at the Previous ICTERI Conferences page of the ICTERI 2017 web site and also at the web sites of the previous years:


Program of ICTERI 2016

In 2016 the Conference had a 4 day program [http://icteri.org/program-icteri-2016](http://icteri.org/program-icteri-2016). It included:

- Two keynote talks [http://icteri.org/icteri-2016-invited-talks-and-speakers](http://icteri.org/icteri-2016-invited-talks-and-speakers) by Sandra Stincic Clarke (BT Group plc) and Wolfgang Reizig (Humboldt - Universitaet zu Berlin)
- Eight thematic sessions involving the presentations and discussions of 27 accepted papers
- Three workshops: ITER, TheRMIT, and 3L-Person
- PhD Mentors Panel
- Industrial IT talks

Visibility of ICTERI Series

ICTERI, as a conference series, is experiencing steady increase in its visibility. This can be judged by:

- The increasing number of hits to its web site
- The expanding geography of the visitors to its web site
- The increasing number of reads of its proceedings and post-proceedings

The ICTERI.org web site has been launched in October 2011. In the period between October 2011 and October 2016 its pages have been visited 107 K times. Yearly statistics:


The web site had experienced a substantial increase in the expansion of the visits from different World regions and countries, including the ones been the major players in ICT. The chart does not include the visits from Ukraine which were nearly a half of the total number in 2015-16 (58%) and almost three quarters (72%) in 2011-12.

ICTERI 2017 Conference Venue

ICTERI 2017 will be held in Kyiv (Ukraine and hosted by Taras Shevchenko National University of Kyiv – one of the top Ukrainian Universities. Kyiv is the capital and a major cultural and touristic venue in Ukraine. The city is easily reachable from all major European air hubs through its Boryspil International Airport (http://kbp.aero/en/). More details are available at the Conference Venue page at the ICTERI 2017 web site: http://icteri.org/icteri-2017/conference-venue/.