

11th International Conference ICTERI 2015

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

May 14-16, 2015, Lviv - 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](#)



Venue: Lviv Polytechnic National University

Important Dates

01.03.2015 - submission deadline
29.03.2015 - acceptance notification
28.04.2015 - camera ready papers
28.04.2015 - registration deadline
14.-16.05.2015 - conference days

No Fees

ICTERI does not charge any conference fee. Participation is FREE. Infrastructure and service expenses are covered by our sponsors. Tutorials are open to all conference attendees without a fee.

Tutorial Proposals

The role of an ICTERI tutorial is to be a theme-oriented comprehensive survey. A tutorial may:

- Discuss novel ICT techniques or trends in the field
- Center around successful and timely application of ICT in important application areas or industries
- Provide a seed platform for a more intensive scientific exchange amongst researchers and students interested in a particular topic and a meeting point for the community

Duration: ICTERI solicits short tutorials with duration of up to 90 minutes. However, the proposals of a half-day or full day tutorial are also welcome. If a long tutorial is accepted it will be scheduled on a day before the main conference.

Audience and Focus: Organizers should design tutorials for approximately 20-40 participants to balance impact and effective discussion. For being attractive to the potential audience tutorials should address topics that satisfy the following criteria:

- The topic fits in the general scope of ICTERI 2015 - please see below
- There is a clear focus on a specific theme, technology, problem, or application
- There is a sufficiently large audience interested in the topic

These need to be clearly explained in the tutorial proposal.

In addition to the explanation of relevance and focus, a proposal should comprise the following:

- **Basic information:** Title, brief description, name and contact information for each tutor, length of the proposed tutorial. If the intended tutorial is expected to take longer than 90 minutes a rationale is expected. Also identify any other venues in which the tutorial has been or will be presented.
- **Audience:** Proposals must clearly identify the intended audience for the tutorial (e.g., novice, intermediate, expert).
 - What background will be required of the audience?
 - Why is the topic important/interesting to the ICT community in broad and the focal community in particular?
 - What is the benefit to participants?
 - Provide some informal evidence that people would attend (e.g., related workshops)

- **Coverage:** Enough material should be included to provide a sense of both the scope of material to be covered and the depth to which it will be covered. The more details that can be provided, the better (up to and including links to the actual slides or viewgraphs). Note that the tutors should not focus mainly on their own research results. If, for certain parts of the tutorial, the material comes directly from the tutors' own research or product, please indicate this clearly in the proposal.
- **Bios:** Provide brief biographical information on each tutor including qualifications with respect to the tutorial's topic
- **Special equipment (if any):** Please indicate any additional equipment (if needed). The standard equipment includes an overhead projector, a single projection screen and microphones.

The organizers of the accepted tutorials will be required to closely cooperate with the ICTERI 2015 Tutorials Chair and local organizers to finalize all mentioned details and ensure a successful satellite event.

Submission and Publication

A tutorial proposal has to be submitted as a full paper, short paper, or extended abstract to the **ICTERI 2015 Tutorial Track**. Submission should be done electronically via EasyChair at <https://www.easychair.org/conferences/?conf=icteri2015>.

When preparing your submission please be advised to consult the evaluation criteria for **discussion, survey, or problem analysis papers** at <http://www.icteri.org/icteri-2015-submission-types-and-evaluation-criteria>.

Accepted tutorial papers will appear in the **international proceedings** volume of ICTERI 2015 published at [CEUR-WS.org](http://www.icteri.org).

Inquiries

Any inquiries regarding ICTERI 2015 tutorials should be addressed to the Tutorial Chair (Vadim Ermolayev) via email at vadim@ermolayev.com.

Conference Scope

ICTERI is an annual peer-reviewed international Computer Science conference focusing on scientific/technological advances and business/academic applications of Information and Communication Technologies and Infrastructures. It emphasizes real world applications of ICT solutions. Therefore, all contributions have 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; reviews or surveys revealing new needs and trends.

Due to this emphasis on real use, 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 elsewhere, that addresses one or more of the following topics and builds on the use of ICT as a major enabling factor:

- ICT Infrastructures and Development Techniques
 - Integration and Interoperability
 - (Semantic) Web Services and Distributed Computing
 - Big Data, Linked Data, and Data Clouds
 - Data Grids and Grid Infrastructures
 - High Performance and Concurrent Computing
 - Distributed Data Warehousing and Business Intelligence
 - Model-based Software Development, Model Driven Architectures
- Knowledge Based Systems
 - Methodologies for Knowledge Engineering and Knowledge Management
 - Knowledge Models, Languages, and Representations
 - Knowledge Evolution
 - Ontologies: Engineering, Management, Alignment, and Exploitation
 - Knowledge Based Collaboration and Knowledge Distribution
 - Reliability and Trust in Knowledge Management
 - Distributed and Approximate Reasoning
 - Biologically and Socially Inspired Approaches to Machine Intelligence
- Academia/Industry ICT Cooperation
 - Management of Joint Academic-Industrial Research and Development
 - Infrastructures, Tools and Framework Conditions for Cooperation and Knowledge Transfer
 - Experiences in Using Advanced ICT and Knowledge Technologies
- ICT in Education
 - Methodological and Didactical Aspects of Teaching and Using ICT
 - Interaction between Labor Markets and the Educational Systems
 - 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, Tools and Framework Conditions for ICT Education
 - Modeling Systems in Education

Submission Guidelines

The language of the main ICTERI Conference is English. Papers submitted in any other language will be rejected without review.

The organizers of the satellite events (workshops, IT talks, tutorials) will announce their working languages individually.

All submissions shall be annotated by providing two alternative sets of key phrases: (i) key terms taken from the list of ICTERI subject descriptors available at <http://isrg.kit.znu.edu.ua/icteriwiki/index.php/ICTERI-Terms>; and (ii) key words/phrases freely chosen by the authors. At least three and at most five key phrases have to be provided in each set. Submissions without such annotations may be rejected without review.

All draft submissions must comply with the Springer CCIS format guidelines: <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>. A submission template for MS Word 2003 and the guidelines for ICTERI submission authors are also provided at the ICTERI web site for your convenience: <http://www.icteri.org/icteri2015-formatting-guidelines-and-templates>.

Submissions should be made electronically in PDF format via the electronic submission system of the ICTERI Conference Management

Publication

Accepted tutorial papers will be published on-line and in open access in the international proceedings volume (CEUR-WS) before the conference. Previously, the international proceedings volumes of ICTERI were published at CEUR-WS (ISSN 1613-0073):

- 2011: <http://ceur-ws.org/Vol-716/>
- 2012: <http://ceur-ws.org/Vol-848/>
- 2013: <http://ceur-ws.org/Vol-1000/>

Organizers

Ministry of Education and Science of Ukraine
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<http://www.icteri.org/program-committee-icteri-2015-main-conference>

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