12ᵗʰ International Conference ICTERI 2016

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

June 21-24, 2016, 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

Venue: Taras Shevchenko National University of Kyiv

ICTERI 2016 Scope and Structure

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.

Besides the main technical programme, ICTERI 2016 will host a number of tutorials on topics related to the general theme of the conference. The role of the tutorial is to provide a theme focused review, platform for a more intensive scientific exchange among attendees interested in a deeper look into a particular topic, and meeting point for the community.

We call for short **Tutorial Proposals** which contribute to the enrichment of the ICTERI Track topics*:

- Track 1: **Advances in ICT Research**
- Track 2: **Information Systems: Technology and Applications**
- Track 3: **Academia/Industry ICT Cooperation**
- Track 4: **ICT in Education**

Important Dates

(23:59 Hawaii time)

Sunday,   28.02.2016 – tutorial proposal submission deadline
Monday,   28.03.2016 – acceptance notification
Monday,   11.04.2016 – tutorial web site available
Sunday,   29.05.2016 – tutorial materials provided
Sunday,   29.05.2016 – camera ready papers
Sunday,   29.05.2016 – registration deadline
           21.-24.06.2016 – conference days

No Fees

ICTERI does not charge any fee. Participation is FREE, including tutorial attendance. Infrastructure and service expenses are covered by our sponsors.

Tutorial Proposals: Scope and Structure

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

- Discuss novel ICT techniques or trends in the field

* More details on the scope of the ICTERI 2016 Tracks could be checked at
http://www.icteri.org/icteri2016-conference-scope

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

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

Relevance and Focus: 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 2016
- There is a clear focus on a specific theme, technology, problem, and application
- There is a sufficiently large audience interested in the topic

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

- **Basic information:**
  - Title
  - Abstract, not longer than 200 words, briefly describing the tutorial. For accepted tutorials, the abstracts will be published on the ICTERI 2016 website.
  - Name and contact information for each tutor,
  - Length of the proposed tutorial. If the intended tutorial is planned to take longer than 90 minutes a rationale needs to be given.
  - Information about the previous appearances of the tutorial. Please also explain how the proposed material differs from the tutorials given previously.
- **Audience:** Organizers should design tutorials for approximately 20-40 participants to balance impact and effective discussion. Proposals must clearly identify the intended audience for the tutorial (e.g., novice, intermediate, expert) by answering the following questions:
  - 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? What are their learning objectives?
  - 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 it is not required that the tutors 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:** Please provide brief biographical information on each tutor including qualifications with respect to the tutorial's topic, and also previous training and speaking experience (such as teaching and tutorial presentation)
- **Special equipment (if any):** Please indicate any additional equipment (if needed). The standard equipment includes an overhead projector and a single projection screen.

Responsibilities

The organizers of accepted tutorials are responsible for preparing and maintaining a web site that describes the tutorial and includes all relevant information. Organizers are also responsible for submitting the material for attendees (slide sets, additional teaching material, software installation and usage guides for practical hands-on sessions, etc.) to the Tutorial Chairs. The Tutorial Chairs and Local Organizing Committee of ICTERI 2016 are responsible for providing publicity for the tutorials as part of the conference publicity activities, and on-site logistical support to the organizers and attendees.

Proposal Submission Guidelines

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

Submissions should be made electronically in PDF or DOC/DOCX (MS/Open Word) format. The authors should use the ICTERI electronic submission system at https://easychair.org/conferences/?conf=icteri2016 and submit their papers to the **ICTERI 2016 Tutorial Proposals** Track.

Publication of Tutorial Papers

The organizers of the accepted tutorials are also encouraged to provide their abstract or paper describing the tutorial for the publication in the ICTERI 2016 conference proceedings. This paper will be considered as accepted, however it will be reviewed by the Tutorial Chairs and the recommendations for the camera ready copy will be provided. 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-2016-submission-types-and-evaluation-criteria.

Tutorial papers will therefore appear in the **proceedings** volume of ICTERI 2016 published at CEUR-WS.org if the tutorial organizers wish to have it published.

Previously, the proceedings volumes of ICTERI series were published electronically at CEUR-WS (ISSN 1613-0073):
- 2012: http://ceur-ws.org/Vol-848/
- 2013: http://ceur-ws.org/Vol-1000/
- 2015: http://ceur-ws.org/Vol-1356/

The best tutorial papers may be selected by the ICTERI steering committee and invited to be revised and extended for the ICTERI post-proceedings volume. The post-proceedings of ICTERI are traditionally published by Springer Communications in Computer and Information Science (CCIS) series.

ICTERI published its post-proceedings as:
- 2013: CCIS Vol. 412, http://www.springer.com/computer/general+issues/book/978-3-319-03997-8
- 2014: CCIS Vol. 469, http://www.springer.com/computer/general+issues/book/978-3-319-13205-1
- 2015: Vol. 594, in press

Additionally the abstracts of all accepted tutorial papers will be published in the Conference Volume of Abstracts, with ISBN, by a local Ukrainian publisher.

Yet in addition to the traditional publication channels, ICTERI 2016 offers on-line publication of the abstracts and presentations of the accepted tutorials on the ICTERI Wiki (http://isrg.kit.znu.edu.ua/icteriwiki/)

ICTERI 2016 Organizers

Ministry of Education and Science of Ukraine
Institute of Computer Science, FORTH
Institute of Information Technology and Teaching Resources
V.N. Karazin Kharkiv National University
Kherson State University
Alpen-Adria-Universität Klagenfurt
Taras Shevchenko National University of Kyiv
Western Sydney University
Zaporizhzhya National University
DataArt Solutions Inc.

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Program Committee
http://icteri.org/program-committee-icteri-2016-main-conference

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Grygoriy Zholtkevych, *V.N. Karazin Kharkiv National University, Ukraine*

IT Talks Chairs
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Mikhail Zavileysky, *DataArt, Russian Federation*

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Eugene Alferov, *German Climate Computing Center, Germany*

Local Organization Chair
Mykola Nikitchenko, *Taras Shevchenko National University of Kyiv, Ukraine*

Local Organizing Committee
http://icteri.org/icteri2016-organizing-committee

How to Get to Kyiv

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 Borispil International Airport (http://kbp.aero/en/). More details are available at the Conference Venue web page (http://icteri.org/icteri2016-conference-venue).