



1st Call for Workshop ITER 2016

<http://www.icteri.org/icteri-2016/>

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](#)

ITER 2016 Scope and Structure

ITER is an annual peer-reviewed international workshop of ICTERI conference focusing on research advances, business/academic applications of Information and Communication Technologies. The emphasis is also put on real world applications of ICT solutions in economic research. Therefore, all contributions are strongly encouraged to demonstrate how and to what purpose the proposed solutions are used, for example an economic case study involving new tools and/or methodological approaches; experimental studies with real economic applications; or surveys revealing new needs and trends of IT in economic research.

The role of the workshops is to provide a platform for a more intensive scientific exchange amongst researchers interested in a deeper look into information technologies in economic research and as a meeting point for the economic community.

Important Dates

Sunday, 24.04.2016 - submission of Workshop Papers

Monday, 15.05.2016 - acceptance notification for **Workshop Papers**

Sunday, 29.05.2016 - submission of camera ready papers Sunday,

29.05.2016 - registration deadline

No Fees

WS ITER as a consistent part of ICTERI does not charge any conference fee. Participation is FREE, including the Workshops. Infrastructure and service expenses are covered by our sponsors.

Abstract of WS ITER

Workshop ITER provides forums for discussion among researchers and practitioners on focused topics or emerging research IT-areas in economic research. Structure of workshop ITER includes invited talks, panel discussions, presentations of work in progress, fully peer-reviewed papers, or some combination. Workshops will be scheduled for a half day or a full day, depending on interest, space constraints, and numbers of submissions.

In order to meet these goals, workshops papers should address topics that satisfy the following criteria:

- The topic falls in the general scope of ICTERI 2016 - please see below:

Track 1: **Economic Advances in ICT Research**

Track 2: **Information Systems: Technology and Applications** (Business Process Management)

Track 3: **Academia/Economic Industry ICT Cooperation** (Joint Economic Academic-Industrial Research and Development)

- There is a clear focus on a specific economic theme, technology, problem, or application

- There is a sufficiently large audience interested in the topic

The use of computer programs in all sorts of economic simulation has become increasingly popular in the last few years, producing a wide variety of interesting applications, such as investment portfolio optimization, financial time series, stock ranking, Risk-Return analysis. Agent-based policy analysis is used for study of impact of environmental dynamics on economic evolution.

Simulation and experimental economics include evolving artificial societies for simulating evolutionary economy, economic competition, etc. to select fittest models for strategies optimization and economic policies development.

Expanding of IT has very big influence on business process modeling, e-commerce, economic education, and economic research through using of modeling, processing and presentation of economical data. Implementation of IT in economic research is a bridge between researchers and practitioners



Venue: Taras Shevchenko National University of Kyiv

worldwide working in such diverse areas as IT and economics. Workshop is devoted to two main themes: 1) Application of IT in business, economics, finance and research; 2) Economics of research and developments in IT industries.

Goals of workshop are 1) to help economists to use IT in economic research, simulation and forecasting; 2) to enhance usage of IT for coordination and communications problems in mixed economy.

WS ITER Structure

ITER 2016 invites papers on, but not strictly limited to, the following topics:

- **Business Process Modeling:** business process simulations for firms, suppliers, customers and governments; information systems in small and medium business, IT-innovations in management process, R&D races, peculiarity of management in virtual organization, e-commerce, cloud technology in business, e-governance: practice and applications.
- **Fuzzy logics and neural networks:** development of the theory and methodology of neural networks and fuzzy logic and practical solution for specific economic application with the construction of economical and mathematical models and their program implementation and experimental studies of their effectiveness
- **Computational Economics and Economic Modeling:** simulation of economic process for dynamics forecasting of microeconomics and macroeconomics discrete and continuous systems development. Loss of use of funds assessment for companies and governments; benefits foregone assessment for companies, individuals and governments; mathematical models for benefit foregone assessment forecasting; game theory for loss profit measurement;
- **Evolutionary and Behavioral Economics:** Emphasizes dynamics, changing structures, and disequilibrium processes with an evolutionary perspective; focuses on an evolutionary conception of the economy, following the tradition of Joseph A. Schumpeter, game theory approach, behavioral finance and investment, investor behavior, behavioral explanation for market anomalies, behavioral corporate finance and management decision-making.
- **IT Education for Economists:** business informatics competences, IT-professional training for economic staff, case study for economists through distance learning; experimental business games, start-up for students.

Proposal Submission Guidelines

The languages of the WS ITER are English, Ukrainian, Russian. Workshop Proposals submitted in any other language will be rejected without review.

Submissions should be made electronically in PDF or DOC/DOCX format. The authors should use the ICTERI electronic submission system at <https://easychair.org/conferences/?conf=icteri2016> and submit their papers to the **WSITER 2016** Track.

Submission Types and Requirements

ITER solicits (i) regular (full) research papers, (ii) short research papers, (iii) discussion, survey, or problem analysis papers.

Evaluation criteria are equivalent to the ones of the main ICTERI Conference. Please refer to <http://www.icteri.org/icteri-2016-submission-types-and-evaluation-criteria> for more details.

Submission Instructions

The authors should use the ICTERI electronic submission system at <https://easychair.org/conferences/?conf=icteri2016>. Then choose "New submission" option, select a track "5th Int Wshp on Information Technologies in Economic Research", and follow the instructions for this track.

Publication of Workshop Proceedings



Authors of selected papers after review process can apply for the publication of their accepted papers as a part of the ICTERI 2016 Conference Proceedings volume.

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 Workshop papers, among the accepted and presented at the conference, will 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

Alternatively, the best papers may be invited to be extended and published in the special issues of Ukrainian and International Journals. ITER traditionally cooperates with the Ukrainian journal: «Information technologies in economic research» (<http://iter.kspu.edu/en>).

Additionally the abstracts of all accepted Workshop 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 Workshop papers on the ICTERI Wiki (<http://isrg.kit.znu.edu.ua/icteriwiki/>).

Evaluation and Presentation

Every submission will be evaluated by several members of the ITER Program Committee using the criteria mentioned above. Based on these evaluation results, the best papers will be accepted to be presented at the Workshop and published as described below.

It is strongly required that at least one author of an accepted paper:

- Attend the Workshop in person
- Present their paper to the Workshop at the time specified in the program, in person

Workshop organizers will withdraw the paper from the published CEUR-WS proceedings if the author(s) of this paper do not show up at the workshop and do not present it.



Program Committee of WS ITER 2016

General Chair

- [Vitaliy Kobets](mailto:vkobets@kse.org.ua) (vkobets@kse.org.ua), Kherson State University, Ukraine;

Co-chair

- [Tatiana Paienko](mailto:tpayentko@mail.ru) (tpayentko@mail.ru), Kyiv National Economic University, Ukraine

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- [Lina Dagiliene](#), School of Economics and Business, Lithuania
- [Hamidreza Alipour](#), Islamic Azad University, Iran

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

