



Call for WS Papers

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

**14<sup>th</sup> International Conference ICTERI 2018**  
**ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer**



**6th International Workshop on Information Technologies in Economic Research (ITER 2018)**

**May, 2018, Kyiv - Ukraine**

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 2018 Scope and Structure

ITER is an annual peer-reviewed international workshop hosted by the ICTERI conference focusing on research advances, business/academic applications of information and communication technologies. An emphasis is also put on real world applications of ICT solutions in economic research. Therefore, all contributors are strongly encouraged to demonstrate how and for what purpose the proposed solutions are to be used. Examples could be economic case studies involving new tools and/or methodological approaches, experimental studies with usable economic applications, or surveys revealing new IT applications and trends in economic research.

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

### Important Dates

**(23:59 Hawaii time)**

Wednesday, 14.03.2018 - submission of Workshop Papers

Monday, 09.04.2018 - acceptance notification for **Workshop Papers**

Monday, 23.04.2018 - submission of camera ready papers

Monday, 30.04.2018 - registration deadline

Monday, 14.05.2018 – Workshop Day

### No Fees

WS ITER, as an integral part of ICTERI, does not charge any conference fee. Participation is FREE, including the workshops. Expenses are covered by our sponsors.

### Abstract of WS ITER

Workshop ITER provides researcher and practitioner forums for discussion on focused topics or emerging economic research in IT-areas. The structure of Workshop ITER includes invited speakers, panel discussions, presentations of works in progress, and fully peer-reviewed papers. Workshops will be scheduled for a half day or full day, depending on interest, space constraints, and numbers of submissions.

Workshop papers should address topics satisfying the following criteria:

- 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 topic falls within the general scope of ICTERI 2018 - 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)**

The use of computer programs in all sorts of economic simulations 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, and Risk-Return analysis. Agent-based policy analysis is used for studies on the impacts of environmental dynamics on economic evolution.

Simulation and experimental economics includes evolving artificial societies for simulating evolutionary economies, economic competitions, etc. to select the best models for strategy optimization and economic policy development.



Venue: Taras Shevchenko National University of Kyiv

The expansion of IT has a very big influence on business process modeling, e-commerce, economic education, and economic research through the use of modeling, processing and presentation of economic data. The implementation of IT in economic research is a bridge between international researchers and practitioners. The 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.

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

### WS ITER Structure

**ITER 2018** 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 for small and medium size business, IT-innovations in management processes, IT-architecture of enterprise; R&D races, virtual organization management, e-commerce, cloud technology in business, e-governance: practice and applications.

**Fuzzy logic and neural networks in economics:** development of the theory and methodology of neural networks and fuzzy logic in economics, and practical solutions for specific economic construction applications within economic and mathematical models, their program implementation, and experimental studies on their effectiveness, machine learning and big data in economics and finance, robo-advisors in finance.

**Computational Economics and Economic Modeling:** simulation of economic processes for the forecasting of micro- and macroeconomic dynamics using software modules, organization and development of controlling in the public and private sectors, accounting and audit through IT tools, discrete and continuous economic systems development, mathematical models in profit/loss analysis and assessment for individuals, companies and governments; GIS for economic science

**Evolutionary and Simulation Economics:** emphasizes dynamics, changing structures, and disequilibrium processes with an evolutionary perspective; focuses on an evolutionary conception of the economy, evolutionary game theory approach in finance, stability and bifurcation analysis of economic systems, financial crises.

**IT Education for Economists:** business informatics and information systems in economics competencies and curriculum, e-CF and EQF IT-standards for curriculum design in economics; IT-professional training for economic staff, case studies for economists through distance learning; experimental business games, start-ups for students.

### PhD Section

A new satellite event at ITER 2018 is a PhD section. This event is a possibility for PhD students in WS topics to present and discuss their PhD projects with their peers and also receive feedback from PhD advisors. Accepted papers must be presented at an ITER PhD session by its student author, who must commit to registering and attending the conference. The WS Chairs reserve the right to exclude from the proceedings papers that have not been presented.

### Posters and Demonstrations Section

Posters and Demonstrations Track at ITER offers an opportunity for WS participants from academia and industry to present and discuss both theoretical aspects and practical applications of their research. We strongly encourage submissions by advanced students and industry professionals. Posters and demonstrations may include, but are not limited to, Information systems in economics, CRM and ERP modules, interactive models, real-time visualizations, novel technology applications. Live action and interaction with the audience

are critical elements for the Section. This section will be organized in a way to stimulate extensive exchange of ideas and showcases. Both presenters and participants will have a unique opportunity to be interactively engaged in discussions, hands-on trials and testing.

#### 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 those used by the main ICTERI Conference. Please refer to <http://www.icteri.org/icteri-2017-submission-types-and-evaluation-criteria> for more details.

#### Submission Instructions

The language used by the WS ITER is English, Ukrainian and Russian.

1. Only submitted papers in English can be recommended for ICTERI proceeding which will be published electronically at CEUR-WS (indexed in Scopus)

2. The best Workshop papers in Ukrainian and Russian may be invited to be extended and published in special issues of Ukrainian and international journals. ITER traditionally cooperates with the Ukrainian journals: «Information Technologies in Economic Research» (<http://iter.kspu.edu/en>) and “Independent Auditor” (<http://npv.n-auditor.com.ua/en/journal.html?n=19&page=1>)

In addition to the traditional publication channels, ICTERI 2018 offers on-line publication of the abstracts and presentations of the accepted workshop papers on the ICTERI page (<http://icteri.org/>)

Submissions should be made electronically in PDF or DOC/DOCX format.



The authors should send their papers on [iter@kspu.edu](mailto:iter@kspu.edu)

#### Publication of Workshop Proceedings

After the review process the authors of selected papers can apply for the publication of their accepted papers as a part of the ICTERI 2018 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/>

- 2016: <http://ceur-ws.org/Vol-1614/>

- 2017: <http://ceur-ws.org/Vol-1848/>

The best Workshop English papers, among those 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>

- 2016: CCIS Vol. 594, <http://link.springer.com/book/10.1007%2F978-3-319-30246-1>

#### 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, those papers judged suitable will be accepted for presentation 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) do not attend the workshop.

#### Program Committee of WS ITER 2018

##### General Chair

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

##### Co-chairs

- **Tetiana Paientko** ([tpayentko109@gmail.com](mailto:tpayentko109@gmail.com)), *Kyiv National Economic University named after Vadym Hetman, Ukraine*

- **Alessio Maria Braccini** ([abraccini@luiss.it](mailto:abraccini@luiss.it)), *LUISS "Guido Carli" University, Italy*

##### Program Committee Members

• **Tom Coupé**, *University of Canterbury, New Zealand*

• **Dorota Jelonek**, *Czestochowa University of Technology, Poland*

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• **Alexander Weissbult**, *Kherson State University, Ukraine*

• **Kestutis Kapocius**, *Kaunas University of Technology, Lithuania*

• **Nina Solovyova**, *Kherson State University, Ukraine*

• **Tommaso Federici**, *LUISS "Guido Carli" University, Italy*

• **Sergey Kryukov**, *Southern Federal University, Russian Federation*

• **Uros Rajkovic**, *University of Maribor, Slovenia*

• **Sergey Mazol**, *Academy of Public Administration, Minsk, Belarus*

• **Fitim Deari**, *South East European University, Republic of Macedonia*

• **Viktor Selyutin**, *Southern Federal University, Russian Federation*

• **Jan-Hendrik Meier**, *University of Applied Sciences, Germany*

• **Viktoria Yatsenko**, *Kherson National Technical University, Ukraine*

• **Javier F. Garcia**, *Humboldt International University, USA*

• **Liubov Pankratova**, *National University of Life and Environmental Sciences of Ukraine, Ukraine*

• **Robert Rickards**, *Germany Police University, Germany*

• **Lidiia Hladchenko**, *Kyiv National Economic University named after Vadym Hetman, Ukraine*

• **Ibish Mazreku**, *University "Haxhi Zeka", Kosovo*

• **Kateryna Proskura**, *Kyiv National Economic University named after Vadym Hetman, Ukraine*

• **Tetiana Verezubova**, *Byelorussian State Economic University, Belarus*

• **Eugene Alferov**, *German Climate Computing Center, Germany*

• **Vira Lyubchenko**, *Odessa National Polytechnic University, Ukraine*

• **Dmitry Klvonov**, *Kherson State University, Ukraine*

• **Justyna Dobroszek**, *University of Lodz, Poland*

• **Forcim Kola**, *"Marin Barleti" University, Albania*

• **Simona Zambelli**, *University of Bologna, Italy*

#### 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/icteri2017-conference-venue>).