

V International Workshop on Professional Retraining and Life-Long Learning using ICT: Person-oriented Approach (3L-Person)

16th International Conference ICTERI 2020

ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer
June 16-20, 2020, Kharkiv, [V.N. Karazin Kharkiv National University, Ukraine](#)

LinkedIn Group: [ICT in Education, Research, and Industrial Applications](#)

Facebook Group: [ICTERI Conference](#)

Facebook Group: [V International Workshop: Person-oriented Approach \(3L-Person\)](#)

LinkedIn Group: [V International Workshop: Person-oriented Approach \(3L-Person\)](#)

Proceedings: [CEUR-WS indexed by DBLP, Scopus, Web of Science](#)

Post-proceedings: Springer CCIS (pending acceptance), indexed by:

Scopus, Web of Science, EI-Compendex, Mathematical Reviews, SCImago

Important Dates

(23:59 Hawaii time)

Monday, **30.03.2020** – submission of Workshop Papers

Monday, **20.04.2020** – acceptance notification for Workshop Papers

Monday, **11.05.2020** – submission of Camera-Ready papers

Monday, **11.05.2020** – registration deadline for workshop authors

Monday, **25.05.2020** – presentation drafts submission deadline

Tuesday, **16.06.2020** – Saturday - **20.06.2020** – Conference days

Theme of the Workshop

This Workshop is designed to evaluate new and emerging technologies in education, learning environments and methods that have to satisfy life-long learning of a person (from school age to retirement), professional training and retraining in view of the person-oriented approach. It covers such topics as: adaptive learning strategy and design, day-to-day support for individual's learning, life-long learning of individuals, learning at the workplace, learning with emerging ICT that provide remote collaboration, learning/training process of individuals with special needs, ICT in education safety and security, recommendation regards vocational retraining and/or further carrier etc.

All topics allow relevant ICTs to eliminate the time, space and cultural differences of learners and teachers.

The specific goal of this activity is to facilitate a broader understanding of the promise and pitfalls of these technologies and working (learning/teaching) environments in global education/development settings, with special regard to the human as subject in the system and to the collaboration of humans within the technical, didactic and organizational subsystems.

The Workshop aims at:

(i) The identification of areas in which coordinated research efforts are required to expand and understand the emerging technologies in education (such as cloud computing, mobile tools and services, network infrastructures, systems of computer modeling, simulation, AR/VR/MR etc.), their effectiveness, the potential risks, and the potential benefits of new ways to educate, learn and collaborate.

(ii) Informing the educators about options for global education in near future.

Topics of Interest

– **Blended and Distant Learning/Teaching with Emerging ICT:** face-to-face learning and virtual classroom, flipped classroom, active and practice-oriented learning, collaborative learning, homeschooling, etc.

– **Personal Learning Environment Design:** person-oriented approach, adaptive and intuitive learning, cloud-based learning environment, social networking, etc.

– **Advanced ICT for Professional Retraining and Training at the Workplace:** cloud-based learning tools, mobile-based learning, learning networking tools, etc.

– **ICT in Education of a Person with Special Needs:** openness and accessibility of education, e-inclusion; using ICT in educating gifted, underachievement, disabled individuals; ICT influence on a human development, etc.

– **ICT in Education Safety and Security:** human-system integration, human factors, quality evaluation of electronic learning resources, etc.

– **ICT-support of STEM Education and Professional Career:** network labs, robust intelligence, synthetic environment, augmented cognition, 3D technology, systems of computer modeling and simulation, etc.

– **Educational Robots, Databases and Language Technologies for Open Learning and Research:** innovative and intelligence tools for data analysis; network labs, robotics learning tools; augmented cognition; machine learning; open learning and research platforms etc.

– **Synthetic learning environment:** AR/VR/MR, AI in education, computer modeling in teaching process etc.

Submissions Types and Requirements

3L-Person solicits:

(i) Regular (full) research papers,

(ii) Short research papers,

(iii) Discussion or problem analysis papers,

(iiii) Poster presentations.

Evaluation criteria are of the same as for the main ICTERI Conference.

Please refer to <http://icteri.org/icteri-2020/submission-types> for more details.

Process and quality: <http://icteri.org/icteri-2020/process-and-quality/>

No Fees

ICTERI does not charge any conference fee. Participation is FREE, including the Workshops.

Proposal Submission Guidelines

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

Submissions should be made electronically in **PDF** format. The authors should use the ICTERI electronic submission system at

<https://easychair.org/conferences/?conf=icteri2020>

and submit their proposals to the ICTERI 2020

Track 4: ICT in Education → **Workshop (3L-Person)**

Publication

The papers that meet the requirements of the Workshop will be peer reviewed by the members of the international program committee of the Workshop.

The accepted papers will be included in the program of the Workshop for their presentation at the Workshop. The accepted papers will be published in the ICTERI 2020 Proceedings Volume (at CEUR-WS, <http://ceur-ws.org/>). This publication qualifies as an international publication with the German ISBN. This proceedings volume will be published electronically and indexed by DBLP, Scopus and Google Scholar.

The best papers after their presentation and discussion at the workshop may be invited to be published in their refined and extended versions in the Post-proceedings of ICTERI 2020 to be published by the Springer Communications in Computer and Information Science (CCIS, <http://www.springer.com/series/7899> pending acceptance). Refined and extended versions of the papers will undergo a review by the members of the ICTERI program committee. The ICTERI Steering Committee will decide upon the acceptance for this CCIS volume.

The papers accepted for 3L-Person Workshop may be invited for publication in the Special Issue of the Journal of Information Technologies and Learning Tools (<http://journal.iitta.gov.ua/index.php/itlt>).

Presentation

Accepted papers must be presented at the Workshop by one of their authors, who commits to register and attend the conference. The Program Chairs of ICTERI 2020 reserve the right to exclude papers which have not been presented from the published proceedings.

An estimation of potential interest to the workshop theme and the number of submissions

The topic of Professional Retraining and Life-Long Learning using emerging ICT fits the Conference scope in concern to the Thematic Track 4: ICT in Education. The potential interest to the Workshop theme is due to the actual trends in increasing role of the human abilities to learn, to develop his/her talents, to learn new technologies (especially in the synthetic environment), as well as due to the definitive and primary importance of the person-oriented approach and life-long learning in the digital age.

Workshop Co-Chairs

Svitlana LYTUVNOVA (s.h.lytvynova@gmail.com), Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Alexander BUROV (burov.alexander@gmail.com), Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Workshop Chairs

Alexander BUROV, (burov.alexander@gmail.com), Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Svitlana LYTUVNOVA, (s.h.lytvynova@gmail.com), Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Viacheslav OSADCHYI, (poliform55@gmail.com) Bogdan Rhmelnitsky Melitopol State Pedagogical University, Ukraine

Program Committee Members

Albert Zigler, University of Erlangen-Nuremberg, Germany
Alexander Burov, Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Alla Danilenko, Brest University, Belarus

Andrea De Gaetano, Italian National Research Council, Italy

Aysegul Atak Yucel, Gazi University, Turkey

Chernikova Liudmyla, Municipal Institution «Zaporizhzhia Regional Institute of Postgraduate Pedagogical Education» of Zaporizhzhia Regional Council

Enrico Nardelli, University of Roma "Tor Vergata", Italy

Heidrun Stoeger, Universität Regensburg, Germany

Jose Orlando Gomes, Federal University of Rio de Janeiro, Brazil

Kronka Olga, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute

Mariia Medvedieva, Umans'kyi Derzhavnyi Pedagogichnyi Universytet Imeni Pavla Tychyny, Ukraine

Marselo Soares, Hunan University, China

Mykhailo Medvediev, ADA University, Azerbaijan

Nataliia Demeshkant, Pedagogical University, Poland

Oleg Spirin, University of Magement, Ukraine

Olena Kuzminska, National Agriculture University of Ukraine, Ukraine

Olga Pinchuk, Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Stefan Svetsky, Slovak University of Technology in Bratislava, Slovakia

Svitlana Lytvynova, Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Tetiana Vokaliuk, Zhytomyr Polytechik State University, Ukraine

Tetyana Oleinik, H. S. Skovoroda Kharkiv National Pedagogical University, Ukraine

Valerii Bykov, Institute of Information Technologies and Learning Tools of NAES of Ukraine, Ukraine

Viacheslav Osadchyi, Bogdan Rhmelnitsky Melitopol State Pedagogical University, Ukraine

Waldemar Karwowsky, University of Central Florida, USA

Yevgenij Lavrov, Sumy State University, Ukraine

The information about previous offerings of the workshop:

1-st International Workshop ICTERI-2016:

<http://icteri.org/workshop-3L-Person>

2-nd International Workshop ICTERI-2017:

<http://icteri.org/icteri-2017/workshops-calls-for-papers/3l-person-2017>

3-rd International Workshop ICTERI-2018:

<http://icteri.org/icteri-2018/workshops-calls-for-papers/3l-person-2018/>

4-th International Workshop ICTERI-2019:

<http://icteri.org/icteri-2019/workshops-calls-for-papers/3l-person-2019/>

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-1844/>

– 2018: <http://ceur-ws.org/Vol-2104/>

– 2019: <http://ceur-ws.org/Vol-2387/>