



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

17th International Conference ICTERI 2021

*ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer
September 28-October 02, 2021, Kherson, Kherson State University, Ukraine*

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

LinkedIn Group: [VI 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)

17.05.2021 – submission of Workshop Papers

28.06.2021 – acceptance notification for Workshop Papers

28.08.2021 – submission of Camera-Ready papers deadline

28.08.2021 – presentation submission deadline

28.08.2021 – registration deadline for workshop authors.

Tuesday, **28.09.2021** – Saturday - **02.10.2021** – Conference days

Workshop Language: English

No Fees

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

Theme of the Workshop

The Workshop's goal is to bring together researchers and practitioners from areas Information/Communication Technologies (ICT) and Education/Training (E/T), to support the bridging process between ICT opportunities and education/training needs. Their mutual influence is increasingly accelerating, sometimes in unexpected ways, with original ideas and innovative tools, methodologies, methods and synergies that can and must 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 ICT tools' design for: remote learning, adaptive learning, day-to-day support for individual's learning, synthetic learning environment, life-long learning of individuals, learning in the workplace, learning/training process of individuals with special needs, teaching/learning safety and security, vocational training and carrier guiding, etc.

All topics allowing for the appropriate ICTs that could break down 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 integration of humans with the technical, didactic, and organizational subsystems.

The Workshop aims at:

(i) The identification of needs and opportunities 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) Contribution of novel ICT in E/T.

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

Topics of Interest

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

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

- **Blended and Remote Learning/Teaching with Emerging ICT:** remote learning and virtual classroom, flipped classroom, network-oriented collaborative learning, homeschooling, 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.

- **ICT in Education of a Person with Special Needs:** openness and accessibility of education, e-inclusion; using ICT in educating gifted, underachieved, disabled individuals; ICT for 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.

- **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,

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

Please refer to <http://icteri.org/icteri-2021/submission-types/> for more details.

Process and quality: <http://icteri.org/icteri-2021/process-and-quality/>

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=icteri2021>

and submit their proposals to the ICTERI 2021

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 2021 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 2021 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.

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 2021 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 ICT in the human remote learning, abilities' development, use of new learning technologies (especially in the synthetic environment), as well as due to the importance of the person-oriented approach and life-long learning in the digital age.

Expected number of submissions 35-50, of accepted papers 18-20.

Workshop Chairs

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The information about previous offerings of the workshop:

1-st International Workshop ICTERI-2016: <http://bit.do/fAwAg>

2-nd International Workshop ICTERI-2017: <http://bit.do/fAwyr>

3-rd International Workshop ICTERI-2018: <http://bit.do/fAwCe>

4-th International Workshop ICTERI-2019: <http://bit.do/fAwFb>

5-th International Workshop ICTERI-2020:

<https://cutt.ly/wkwSsf6>

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/>

– 2020: <http://ceur-ws.org/Vol-2732/>