

IX INTERNATIONAL WORKSHOP LIFE-LONG LEARNING USING ICT: PERSON-ORIENTED APPROACH (3L-PERSON-2024)

Background

The IX International Workshop Life-Long Learning using ICT: Person-oriented Approach (3L-Person) in the series of workshop under this title continues topics set in 2016 with new sub-topics accordingly to new challenges in the field of education (such as “Synthetic learning environment: AR/VR/MR, AI in education, etc.” since 2020). The main idea of the series is ICTs’ creation-development-implementation at stages Academia → Education/Training → Industry. The quick transfer of the world to remote education and work has led to appearance of the hybrid workforce and needs of the further Human-System-Integration (HSI), where the “System” means an education system, first of all. HSI in education is considered as a mutual adaptation of a human and ICT for K16 + re-skilling during the whole human active life.

Workshop website: <https://notso.easyscience.education/3l-person/>

Submissions: <https://notso.easyscience.education/3l-person/2024/>

Proceedings: [CEUR-WS indexed by DBLP and Scopus](#)

Facebook: <https://www.facebook.com/groups/1079343439158110>

LinkedIn: https://www.linkedin.com/posts/svitlana-lytvynova-2716189_vi-internationalworkshop-person-oriented-activity-6760917806126030848-rdvnv

Important dates

- **Monday, 30.06.2024** – paper submission deadline
- **Monday, 30.07.2024** – acceptance notification
- **Monday, 17.08.2024** – camera-ready papers submission
- **Monday, 23.09.2024 – Friday, 27.09.2024** – conference days

Workshop duration – full day.

Workshop language - English

Registration fee - no fee

The theme of the workshop

The workshop aims to bring together researchers and practitioners from Information and Communication Technologies (ICT) and Education/Training (E/T) to support the bridging process between ICT developments, adaptation, opportunities' evaluation 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 the 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 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. These topics allow 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 particular regard to the human as the subject in the system and to the integration of humans with the technical, didactic, and organizational subsystems.

The workshop aims to:

1. 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 modelling, simulation, AR/VR/MR/ER, AI etc.), their effectiveness, the potential risks, and the potential benefits of new ways to educate, learn and collaborate.
2. Contribution of novel ICT in E/T.
3. Inform educators about options for global education in the near future.

Topics of Interest

- **Personal Learning Environment Design:** person-oriented tools, adaptive and intuitive learning, cloud-based learning environment, social networking, etc.
- **AR/VR/ER (Extended Reality):** Implement immersive learning technologies and personalization of education, augmented cognition, etc.
- **Artificial Intelligence in Education:** Development of educational materials, teaching methodologies, integration with educational practices, innovative teaching methods, ethics of usage
- **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 intelligent tools for data analysis, network labs, robotics learning tools, 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, and disabled individuals, ICT for human development, etc.
- **ICT in Education Safety and Security:** human-system integration, human factors, quality evaluation of electronic learning resources, etc.
- **ICT supports STEAM Education and Professional Careers:** network labs, robust intelligence, synthetic environments, 3D technology, computer modelling and simulation systems, etc.
- **Synthetic learning environment:** AR/VR/MR, AI in education, computer modelling in teaching process etc.

The materials and presentations of this workshop will enhance the significance of the conference in ICT usage.

Program committee members

- Marc Baaden, CNRS, France
- Pablo Garcia Bringas, University of Deusto, Spain
- Nadire Cavus, Near East University, North Cyprus
- El-Sayed M. El-Horbaty, Ain Shams University, Egypt
- Ramón Fabregat, University of Girona, Spain
- Irina Georgescu, Bucharest University of Economics, Romania
- Mustansar Ali Ghazanfar, University of East London, United Kingdom
- Anita Goel, University of Delhi, India
- Jose Orlando Gomes, Federal University of Rio de Janeiro, Brazil
- Carina Soledad González-González, Universidad de La Laguna, Spain
- Sven Hartmann, Clausthal University of Technology, Germany

- Michail Kalogiannakis, University of Thessaly, Greece
- Francesco Lelli, Tilburg University, Netherlands
- Chung-Sheng Li, PwC, United States
- Piotr Lipiński, Technical University of Lodz, Poland
- Alessandra Lumini, University of Bologna, Italy
- Rashid Mehmood, King Abdulaziz University, Saudi Arabia
- Vincenzo Moscato, University of Naples "Federico II", Italia
- Thomas Moser, St. Pölten University of Applied Sciences, Austria
- Ranesh Kumar Naha, University of Tasmania, Australia
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- Abdel-Badeeh M. Salem, Ain Shams University, Egypt
- Demetrios G. Sampson, University of Piraeus, Greece
- Antonio Sarasa-Cabezuelo, Universidad Complutense de Madrid, Spain
- Prem Kumar Singh, Gandhi Institute of Technology and Management, India
- Daniel Thalmann, Swiss Federal Institute of Technology in Lausanne, Switzerland
- Longkai Wu, National Institute of Education, Singapore
- Eftim Zdravevski, University Ss Cyril and Methodius, Macedonia

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Submission guidelines

3L-Person solicits (i) full research papers and (ii) short/research-in-progress papers. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this workshop.

All submissions must comply with the format guidelines. Formatting instructions and template can be found at <https://notso.easyscience.education/3l-person/2024/example.zip>

Submissions must be made in .pdf using the Not So Easy Science Education Conference System: <https://notso.easyscience.education/3l-person/2024>

Two members of the workshop's international program committee will peer-review papers that meet the workshop's requirements.

The accepted papers will be included in the workshop program for presentation at the workshop. The proceedings volume will be submitted to CEUR-WS.org for online publication.

Presentation

One of their authors must present accepted papers at the workshop and will be committed to registering and attending the workshop.