Call for PhD Track Papers

20ᵗʰ International Conference ICTERI-2025:
ICT in Education, Research, and Industrial Applications

Mon. 01 – Thu. 04 September 2025, Nice – France

LinkedIn Group:	ICT in Education, Research, and Industrial Applications
Facebook Group:	ICTERI Conference
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ICTERI Conference Scope

ICTERI is an annual peer-reviewed international Computer Science conference. It focuses on research, design, development, deployment, and usage of advanced Information Systems (IS) and Information and Communication Technology (ICT) Infrastructures in industry and education. Special attention is given to the feasibility and practicality of the proposed ideas/solutions, with a focus on their potential or existing implementation. This can be demonstrated, for example, by a proof-of-concept implementation, a comprehensive prototype, a comprehensive case study, or the analysis of real use cases. Submissions on academic-industrial partnerships for ICT innovation, knowledge transfer, and technological/methodological reports are also welcome.

PhD Track at ICTERI-2025

The PhD Track is traditionally organized under the umbrella of ICTERI. It is a discussion forum for young researchers who are at the beginning of their careers, such as PhD students or young researchers from the industry. PhD Track at ICTERI provides an expert environment for presenting ideas and results of PhD projects or other research aiming toward PhD. Young researchers, who will join us to take part in discussions and/or present their papers, will be offered an opportunity to exchange and discuss their research ideas and outputs with their peers, supervisors, and senior researchers working in the fields that are within the scope of ICTERI-2025.

Topical Scope

We solicit submissions of original work, not previously published, or submitted for publication elsewhere and falling into but not rigidly limited by the following topics, which reflect the scope of ICTERI-2025.

- **Track 1: Advances in Fundamental ICT/IS Research, and their Applications**
  - Information Science: data and knowledge integration and interoperability; data mining and knowledge discovery
  - Big Data: managing big data and linked open data at scale; data analytics and business intelligence
  - Large-scale distributed computing, cloud- and edge-based approaches
  - Model-driven architectures/approaches for software development and deployment
  - Smart systems: models, technologies, and applications
  - Knowledge representation and reasoning
  - Ontologies and knowledge graphs: extraction, engineering, and evolution; open research knowledge graphs (ORKG)
  - Recommender systems: methods and technologies
  - Solving challenges in digital societies
  - Theoretical foundations and practical implications

- **Track 2: Artificial Intelligence: Research and Applications**
  - Deep learning for information mining and knowledge discovery from data of different modalities: text, image, audio, video, sensor output, etc.
  - Novel hybrid or synergetic AI-based approaches for solving computer vision and augmented reality problems
  - Machine-learning-based, statistical, and rule-based approaches in natural language processing solutions and applications
  - Self-explanatory deep-learning-based solutions for real-world applications
  - Planning and reinforcement learning in AI solutions
  - (Distributed) AI-based solutions in robotics and simulation
  - Ethics in AI: Societal Impacts and Critical Applications
  - Trustable AI and Safety Solutions in AI-based Systems
  - Energy-Efficient AI solutions

- **Track 3: ICT Applications in Academia & Industry**
  - ICT solutions for competence design and development
  - ICT development to support technology-enhanced teaching and learning, including life-long learning
  - ICT solutions for quality assurance in education and education management
  - Novel ICT infrastructures, tools, and environments for research, cooperation, and knowledge transfer
  - Experiences in the development and use of ICT for personnel training in industry
  - Best practices in cooperative academic-industrial ICT projects; joint academic-industrial ICT research and development
  - Successful deployments of novel ICT applications in industry, public organizations, or governments

Please be informed that ICTERI is a Computer Science conference. Hence, the papers on didactics and use of ICT taken off the shelf will be regarded as out of scope.

Important Dates

All deadlines are "Anywhere on Earth" (23:59 Hawaii) time

- Monday, 21.04.2025 – paper **abstract** submission
  Monday, 05.05.2025 – **paper** submission (all paper types)
- Monday, 07.07.2025 – **acceptance** notification
- Monday, 04.08.2025 – **camera-ready** papers submission
- Monday, 04.08.2025 – **registration**
- Monday, 01.09.2025 – Thursday, 04.09.2025 – **conference** days

No Conference Fee

Traditionally, ICTERI does not charge conference fees. Participation is FREE. Infrastructure and service expenses are covered by our sponsors. Travel and accommodation is paid by participants.

A limited number of travel grants might be available for Ukrainian authors of accepted papers.

Presential Mode

ICTERI supports and respects all the aspects that help promote diversity in our conference community, which aspires to facilitate a truly international and multicultural gathering. Therefore, we prefer in-person assembly for the conference as the most effective mode for scientific exchange and community building. We fully understand, however, that some participants might be under higher risk or stricter constraints, like international travellers. This is why we allow virtual participation for the attendees, as an exclusion which must be negotiated with the Program Chairs.

The speakers, who present accepted contributed papers, must be physically present at the conference.

The information about the arrangements and requirements for the virtual attendees is provided and updated at https://icteri.org/icteri-2025/hybrid/.

Submission Guidelines

The language of the ICTERI Main Conference is English. Submissions in any other language or not following the style or academic code of ethics guidelines will be rejected without review. Presentations in any other language are also not accepted and withdrawn from the program. All submissions shall be annotated by keywords/phrases freely chosen by the authors. At least three and at most five key phrases must be provided. All submissions must comply with the Springer LNCS format guidelines: https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines. Formatting instructions and template as well as submission guidelines are provided for your convenience at the ICTERI-2025 website: https://icteri.org/icteri-2025/. Please submit your paper, in .pdf, to ICTERI-2025 PhD Track via the EasyChair Conference Management System: https://easychair.org/conferences/?conf=icteri2025.

Submission Types and Page Limits

The PhD Track is focused on soliciting research-in-progress paper submissions. However, full research papers are also eligible. The page limits are:

- **Research-in-progress paper** submissions: not less than 10 and not more than 12 LNCS pages.
- **Full research paper** submissions: not less than 12 and not more than 16 LNCS pages.

The optional appendix can go beyond the page limit and will be consulted at the discretion of the program committee.

Please see more details on paper submission types at https://icteri.org/icteri-2025/submission-types/.

It is required that the first author of a paper submitted for the PhD Track at ICTERI-2025 is either a PhD, or MSci student, or a young researcher from industry who is working towards obtaining a PhD.

Evaluation and Publication

All submissions will be evaluated by members of the international program committee. Accepted papers will be published in the Springer-Nature Communications in Computer and Information Science (CCIS) series.

Please check the **Previous ICTERI Conferences** page at the ICTERI-2025 website (https://icteri.org/icteri-2025/previous-icteri-conferences/) to access the proceedings volumes published by the previous conference instances.

Presentation

Accepted papers **must be presented at the conference**, in person, by one of their authors, who commit to register and attend the conference. The Program Chairs reserve the right to withdraw those papers from the proceedings, which have not been presented at the conference.

Organisers

- Ministry of Education and Science of Ukraine
- Université Côte d'Azur, France
- Kherson State University, Ukraine
- Ukrainian Catholic University, Ukraine
- L3S Research Center, Germany
- V.N. Karazin Kharkiv National University, Ukraine
- Taras Shevchenko National University of Kyiv, Ukraine
- Universität Klagenfurt, Austria
- Lviv Polytechnic National University, Ukraine
- University of Warmia and Mazury in Olsztyn, Poland
- Ukrainian Scientific and Educational IT Society (UNIT)
- SLM Software, Ukraine

General Chairs

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PhD Track Chairs

Oleksii Ignatenko, Ukrainian Catholic University, Ukraine
Gollam Rabby, L3S Research Center, Germany

Program Committee

Please check the **Program Committee** page at the ICTERI-2025 website for the list of the PC members: https://icteri.org/icteri-2025/program-committee/.

Proceedings Chair

Vitaliy Yakovyna, Lviv Polytechnic National University, Ukraine; University of Warmia and Mazury in Olsztyn, Poland

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How to Get to Nice and Université Côte d'Azur

Located on the stunning French Riviera, Nice is the second-largest French city on the Mediterranean coast and second-largest city in the Provence-Alpes-Côte d'Azur region, after Marseille. A vibrant city, known for its Mediterranean charm, rich history, and breathtaking scenery, Nice offers a mix of beaches, azure waters, and vibrant cultural experiences. Nice is well connected by road, train, bus, boat, or air; the Nice Côte d'Azur Airport, the second largest airport in France after Paris, serves 120 short and long-haul destinations. You can find more information at: https://www.explorenicecotedazur.com/en/practical-information/come-to-nice/.