First Announcement & Call for Papers

24th International Conference on Interactive Collaborative Learning (ICL2021)
50th IGIP International Conference on Engineering Pedagogy

„Mobility for Smart Cities and Regional Development – Challenges for Higher Education"

TU Dresden und HTW, Dresden, Germany, 22-24 September 2021

Overview

Intelligent mobility is a key component of growth in modern cities and rural areas, when networking and automating traffic and transportation systems with high efficiency and great comfort. (**www.icl-conference.org**)
This interdisciplinary conference aims to focus on the exchange of relevant trends and research results as well as the presentation of practical experiences in **Interactive Collaborative Learning** and **Engineering Pedagogy**.

Important Deadlines & Presentation Formats

Proposals for participation in the ICL 2021 conference can be submitted in the following formats:

26 Mar 2021	Submission of: (i) two (2) pages **structured abstracts** (for full papers and short papers) for the main conference (ii) **special session** proposals
22 April 2021	Notification of acceptance for abstracts for the main conference. Special Sessions notification and announcement
01 Jun 2021	Submission of complete papers for special sessions and the main conference
25 Jun 2021	Notification of acceptance
23 Jul 2021	Author registration deadline
23 Jul 2021	Camera-ready due
22 Sep 2021	ICL2021 opening

Organizers

- Technische Universität Dresden (www.tu-dresden.de)
- Dresden University of Applied Sciences (www.htw-dresden.de)
- IAOE - International Association of Online Engineering (www.online-engineering.org)
- IGIP - International Society for Engineering Education (www.igip.org)

Venue

The dual conference will take place at TU Dresden and HTW Dresden. It is easy to reach by public transport (about 500 m from city centre, just beside main railway station).
TU Dresden (Technische Universität Dresden) is one of the leading and most dynamic universities in Germany. As "University of Excellence" with 17 faculties in five schools TUD offers a full curriculum in broad variety of 124 disciplines covering a wide research spectrum.
HTW Dresden University of Applied Sciences) is the second-largest university in the capital of the state of Saxony. Engineering, economics, design, and 'green' disciplines constitute the four pillars that the 40 forward-looking diploma, bachelor's, and master's degree are based on.

Partner Event

GEDC Industry Forum, organized by Petrus Communications and the Global Engineering Deans Council from 20-23 September 2021 (**www.gedc-industryforum.com**).

Topics

Topics of interest include, but are not limited to:

- Academia-Industry partnerships
- Adaptive and intuitive environments
- Collaborative learning
- Computer aided language learning (CALL)
- Educational virtual environments
- Engineering education in individual transport sectors
- Engineering education in public mobility transport
- Engineering Pedagogy Education
- Entrepreneurship in Engineering Education (EiEE)
- Ethics and Engineering Education
- Evaluation and outcomes assessment
- Flipped classrooms
- Games in Engineering Education (GinEE)
- Impacts of globalization
- Learning culture & diversity
- Lifelong learning
- Mobile learning applications
- New learning models and applications
- Pilot projects / products / applications
- Platforms and authoring tools
- Project based learning
- Public policy in engineering education
- Real world experiences
- Remote and virtual laboratories
- Research in Engineering Pedagogy
- Semantic metadata for e-learning
- Teaching best practices
- Technical Teacher Training (TTT)
- Virtual and Augmented learning (VAL)
- Virtual mobility and platforms
- Women in engineering careers

Conference Proceedings

The conference proceedings will be published as ICL 2021 Proceedings in the Springer series "Advances in Intelligent Systems and Computing". Books of this series are indexed with ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and SpringerLink.

Technical co-sponsors

- ASEE (https://www.asee.org)
- BPS (https://bildungsportal.sachsen.de)
- IEEE Education Society (www.ewh.ieee.org/soc/es/)
- VDI (https://www.vdi.de)