The 11th International Workshop on Learning Technology for Education challenges (LTEC 2023): post pandemic learning technology challenges. Call for papers

Dates: July 24-27, 2023,

Venue: Srinakharinwirot University, Bangkok, Thailand

 https://ltec2023.com/

The conference is preceded by one day of free tutorials for participants who wish to learn state of the art of research relating to the topics of KMO and LTEC. The tutorials will be held on the 24th of July 2023. The conference itself commences on the 25^{th of} July 2023.

The 11th International conference on Learning Technology for Education Challenges (LTEC 2023) will be held conjunction with KMO 2023. It will provide the scientific community with a dedicated forum for discussing research and presentation of your work in Learning Technology for Education Challenges (LTEC).

The education sector today is going through an unprecedented period of change with the sudden shift away from the classroom in many parts of the world to online learning because of the COVID pandemic. The effect of the pandemic on our teaching and research is far from uniform or wholly negative. We have experienced many new lessons gained from the use of online learning, but the fundamentals regarding the use of technology for learning remain. The question is how can we use technologies that push the boundaries of the learning experience, engage students more deeply and produce learning outcomes that live up to the high expectations of society?

Educators and schools around the world are increasingly using the knowledge, techniques, and programs developed from a new understanding of how our brains learn by applying neuroscience in their classrooms. Educational neuroscience (also known as mind, brain and education [MBE] or neuroeducation) is an emerging scientific field is gaining momentum in the last few years. It has important implications for learning and teaching.

In this conference, we want to focus not just on the impact of COVID on education, but the pedagogical innovations that help us to advance education research. Besides the technological advances, there is also a need for Innovative Pedagogy. Some of the **Innovative Pedagogy include: Playful learning; Learning through wonder; Action learning; Making thinking visible; cloud technology; nano learning; artificial intelligence in learning, social media in learning***; Virtual studios and others.**

The 11th LTEC **(2023)** examines how these technologies and pedagogical advances can be used to change the way teachers teach and students learn while giving special emphasis to the pedagogically effective ways we can harness these new technologies in education. The conference seeks contributions that address theory, research, practice, and policy; especially those that can also be focused on particular approaches, technologies and domains are most

welcome. The aim is to provide a platform for research in the very broad area of educational technology that bridges theory, research, practice and policy. No disciplines and/or approaches are excluded.

This conference will provide the ideal opportunity to present your research to an international audience. It offers participants an overview of the current situation of education and new learning technologies. You will be able to listen to experts from different countries, representing all continents.

LTEC 2023 brings together academic research and practical applications of education from all areas, seeking to bring top research and proven best practices together into one location, for the purposes of helping practitioners find ways to put research into practice, and for researchers to gain an understanding of additional real-world problems. Academic research papers, case studies and work-in-progress/posters are welcomed approaches. We welcome researchers from both industry and academia to submit original results of their works.

If you wish to learn more about how technology and learning theories are influencing education, then do not miss the opportunity to come to LTEC 2023.

The conference topics include, but are not limited to:

- E learning ecosystems
- Learning and blockchain
- Emerging tools for education
- Immersive Learning and Multimedia applications
- Innovation and Change in Education
- Integrated Learning and Educational Environments
- Intelligent Learning Systems
- IoT for learning
- Augmented Learning
- Assessment in e-Learning
- Brain Based learning.
- Building Communities of Learning
- Business model for using MOOCs
- Cloud computing and e-Learning
- Collaboration in e-Learning
- Community based e-learning
- Data Analytics & Big Data in Education
- Data Mining & Knowledge Discovery
- Data Security in e-Learning systems
- Artificial Intelligence for learning
- Flipped classroom and learning
- Lifelong Learning, MOOC's and Data Analytics
- Mobile Learning
- Neuroscience and education
- Problem-based Learning
- Semantic Web and Ontologies for Learning Systems
- Simulations and Virtual Learning Environments
- Standardization, Reusability, and Interoperability Issues
- Educational Innovations and Best Practices

- Educational Technology & Globalization
- E-learning Analytic approaches, methods, and tools
- E Book
- E-learning in Web 3.0
- Knowledge Management for Learning Technology
- Learning Analytics and Educational Data Mining
- Learning and Knowledge Management
- Learning as a Service
- Learning Objects and Standard
- Learning Strategies: Learn how to Learn
- Learning Technology for Lifelong Learning
- Systems and Technologies in E-education
- Technology Adoption and Diffusion of E-learning
- Virtual Learning Environment (VLE).
- Theoretical Bases of e-Learning Environments
- Usability in Learning Technology
- Wearable computing technology in e-learning
- Web 2.0 and Social Computing for Learning and Knowledge Sharing
- Wiki and blogs in Higher Education
- Wireless, Mobile and Ubiquitous Technologies for Learning
- Workplace e-learning
- Work-related Learning
- Online learning during pandemic
- Neuroscience in learning and teaching
- Mind, Brain Education
- Brain based learning and teaching
- On demand learning

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Instructions for Authors
Papers reporting original and unpublished research results pertaining to the above topics are solicited (Proceedings will be published by Springer). Full paper and all other submissions deadline is 30th December, 2023. These papers will undergo an academic review process. All papers are blind reviewed.

*IMPORTANT: Please do not include the author(s) information in the first submission of the paper, in order for double-blind review to take place.

Submission

- **Review Process:**

LTEC 2023 welcomes the submission of papers with preference to the topics listed in the call for papers. All submitted papers will undergo a thorough review process; each paper will be refereed by at least three experts in the field, based on relevance, originality, significance, quality and clarity.

- **Submitting Papers:**

All papers must be formatted according to the Springer template, with a maximum length of 12 pages, including figures and references for full papers. All proposed papers must be submitted in electronic form (WORD format) using the Paper Submission Page
https://easychair.org/conferences/?conf=ltec2023
Full paper: 12 pages
LTEC 2023 Copyright Form
LTEC 2023 Sample Paper

- **Publication:**

Accepted papers will be included in LTEC 2023 Proceedings. At least one of the authors will be required to register and attend the symposium to present the paper in order to include the paper in the conference proceedings. All accepted papers will be published by Springer Verlag (LECTURE NOTES IN Communications in Computer and Information Science**).**
The attachment must be in Word .doc format.

- **Special Issue:**

Authors of selected papers from LTEC will be invited to extend and revise their papers for submission to the special issue of International journal of Learning Technology (IJLT) published by Inderscience.

- **Important Dates:**

Submission of tutorial: 1st December 2022
Submission of paper: 30th December 2022
Author notification: 30th January 2023
Early Registration: 10th March 2023
Camera ready: 30th March 2023
Conference date: 25th July 2023

Conference Chair:

Professor Lorna Uden, Staffordshire University, UK

Program Chair:

Prof. Dario Liberona – Universidad Santa Maria, Chile

Program Committee

Dr. Birgit Feldmann – FernUniversität in Hagen, Germany

Prof. Dario Liberona – Universidad Santa Maria, Chile

Prof. I Hsien – National University of Kaohsiung, Taiwan

Prof. Jeremiah Sullins – Harding University, USA

Prof. Lorna Uden – Staffordshire University, UK

Prof. Michael Vallance – Future University Hakodate, Japan

Prof. Viktorija Florjančič – University of Primorska, Koper, Slovenia

Prof. Fotini Paraskeva – University of Piraeus, Greece

Prof. Hui Min Lai – National Taichung University of Science and Technology, Taiwan

Prof. Fernando Moreira – Univ Portucalense, Aveiro, Portugal

Prof. Rita Bencivenga – Trinity College Dublin, Ireland.

Prof. António Moreira – University of Aveiro, Portugal

Prof Eric LAU Kin Wai– Metropolitan University, Hong Kong

Professor Gregory Ching, Fu Jen Catholic University Taiwan, ROC