



LaTiCE 2019: Seventh Learning and Teaching in Computing and Engineering Conference

<http://www.lattice-conference.org/index.html>

Seventh International Conference on Learning and Teaching in Computing and Engineering
Ho Chi Minh City University of Technology and Education, Vietnam, **24th – 26th April 2020**.

The Seventh International Conference on Learning and Teaching in Computing and Engineering (LaTiCE 2019) aims to create a platform towards sharing rigorous research and current practices being conducted in computing and engineering education. The conference focuses on the unique challenges of learning and teaching computing and engineering in multi-cultural contexts in universities and high schools and on innovative and emergent practices that are informed by pragmatic scholarship.

LaTiCE 2019 is jointly organized by Ho Chi Minh City University of Technology and Education, Vietnam and the Uppsala Computing Education Research Group (UpCERG), Uppsala University, Sweden. It is technically co-sponsored by the Special Technical Community for Education Research (STC Education), which is an IEEE Computer Society initiative to connect those interested in all forms of educational research and pedagogy in the field of computing and engineering.

The conference includes gatherings for presentations of research papers, practice sharing papers, work in progress papers, group discussions, display of posters, and demos.

MAIN CONFERENCE THEMES

- Computer Science and Engineering Education Research
- Computing education at all levels, primary, secondary and tertiary
- ICT in Education

CONFERENCE SUB-THEMES

- Computing and engineering education research, theories, and methodologies
- Cultural aspects of computing and engineering education
- Educational technology, software, and tools
- Teaching innovations, best practices, experience sharing in computing and engineering education
- Course module design, proficiency assessment, and module cross-accreditation
- Improving student engagement in computing and engineering
- Collaborative learning in computing and engineering- team and project skills
- Active learning
- Work-integrated learning and project-based learning

PAPER SUBMISSION

The following kinds of submissions are accepted:

Research papers (6-8 pages) present original, unpublished work relevant to the conference themes. Papers may be theoretical or based on empirical investigations. All submissions will be evaluated with respect to their theoretical and/or empirical contribution and the quality and relevance of the research.

Practice sharing papers and **work-in-progress papers** (3-5 pages) present original, unpublished practice sharing or work-in-progress work with a focus on innovative and valued practices. They can present preliminary results or raise issues of significance to the discipline.

Posters and demos (2 page abstract) should present innovative ideas for work in the early stages related to research, teaching practice, or tools. Demonstration of tools should stress the methodology and can include some hands-on work for participants.

Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Manuscripts should follow the IEEE formatting guidelines and adhere to the page limits for the appropriate submission category. Templates are available at:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Submission of papers will be managed through EasyChair, <https://easychair.org/conferences/?conf=latice2019>, a comprehensive conference paper management system.

All papers will be fully refereed using a double blind reviewing process.

Please note that at least one author per paper must register and pay the conference fee in advance for the paper, poster or demo to be presented.

KEYNOTE SPEAKERS

Professor (Dr) Mats Daniels is Professor in computer science education research and director of studies at Department of Information Technology, Uppsala University, Sweden



Professor (Dr) Arun Patil is Vice-Chancellor/President of Amity University Rajasthan, India. He also holds an Adjunct A/Professor position at Deakin University, Australia; Visiting Professor at Tomsk Polytechnic University, Russia and Academic Advisor to Ho Chi Minh City University of Technology and Education, Vietnam



IMPORTANT DATES (In the submitters own time zone)

Full Paper submission (research, practice sharing& work-in-progress). December 3rd, 2018

Poster and Demos submission: December 17th, 2019

Notification of acceptance: January 7th, 2020

Registration opens: February 7th, 2020

Camera-ready deadline: February 28th, 2020

Author registration deadline: March 15th, 2020

LaTiCE conference: April 24th – 26th, 2020

Organizing Committee

HONORARY CHAIR:

Do Van Dzung, President of HCMUTE, HO Chi Minh City, Vietnam

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