

LaTiCE 2013 LEARNING AND TEACHING IN COMPUTING AND ENGINEERING

March 21-24, 2013, Macau

The aim of the Learning and Teaching in Computing and Engineering (LaTiCE) conference is to review and develop current practices and research now being done in computing and engineering education. The conference serves to facilitate introduction for potential partners and themes for future international collaboration and research in the field. The conference will also focus on the unique challenges of learning and teaching computing and engineering in multi-cultural contexts in universities and high schools and emphasize innovative and emergent practices that are informed by pragmatic scholarship.

The conference will include a Doctoral consortium, as well as gatherings for presentations of research papers, practice sharing papers, work in progress papers, group discussions, display of posters, and demos.

Website: <http://www.usj.edu.mo/conferences/latice2013/>

ORGANISERS:

School of Intelligent Systems and Technology,
University of Saint Joseph, Macau.

Uppsala Computing Education Research Group
(UpCERG), **Uppsala University,**
Uppsala, Sweden.

CO-SPONSOR

STC Education (IEEE Special Technical
Community for Education Research).

IMPORTANT DATES

Abstract deadline: Sept.17, 2012

Abstract acceptance: Oct. 1, 2012

Paper and poster/demo deadline:
Nov. 19, 2012

Notification of final acceptance:
Jan. 21, 2013

Start of registration: Jan. 21, 2013

Final version deadline: Feb. 25, 2013

Doctoral consortium: Mar. 21, 2013

LaTiCE conference: Mar. 22 to 24, 2013

ORGANIZING COMMITTEE

Program Chairs:

Anders Berglund, Uppsala University, Sweden

Neena Thota, University of Saint Joseph, Macau

Organizing Chairs:

Joao Garrot, University of Saint Joseph, Macau

Richard Whitfield, University of Saint Joseph,
Macau

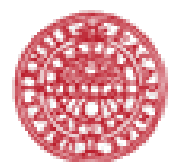
Publications Chair:

Arnold Pears, Uppsala University, Sweden

Doctoral Consortium Chairs:

Anna Eckerdal, Uppsala University, Sweden

Richard Whitfield, University of Saint Joseph,
Macau



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 **IEEE** Special Technical Community
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CONFERENCE THEMES

- Cross cultural aspects of computing and engineering education.
- Computing and engineering education research, methodologies and results.
- 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.

The conference will include group discussion themes for participants:

- Improving student engagement in computing and engineering.
- Collaborative learning in computing and engineering - team and project skills.
- Course design.
- Cross-regional and cross-level recognition and accreditation of course modules.
- Multi institutional collaborative research in the area of attitudes and perceptions of computing and engineering.
- Graduate careers.
- Methodologies and role of theory in research on computing and engineering education.
- Constitution of LaTiCE network for research collaboration.

PROGRAM COMMITTEE MEMBERS:

Baharuddin Aris, University Teknologi, Malaysia
Reyyan Ayfer, Bilkent University, Turkey
Anders Berglund, Uppsala University, Sweden
Tony Clear, Auckland University of Technology, New Zealand
Valentina Dagienė, Vilnius University, Lithuania
Mats Daniels, Uppsala University, Sweden
Anna Eckerdal, Uppsala University, Sweden
Joao Garrot, University of Saint Joseph, Macau
Yifat Ben-David Kolikant, Hebrew University of Jerusalem, Israel
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Erkki Sutinen, University of Eastern Finland, Finland
Matti Tedre, Stockholm University, Sweden
Neena Thota, University of Saint Joseph, Macau
Richard Whitfield, University of Saint Joseph, Macau
Chen-Chih Wu, National Taiwan Normal University, Taiwan

GUIDELINES

Research papers (8-10 pages) present original, unpublished work relevant to the conference themes. Papers may be theoretical or based on empirical investigations. Papers are evaluated with respect to their theoretical sophistication and the quality and relevance of the research.

Practice sharing papers (4-6 pages) and **Work-in-progress** papers (4 pages) present original, unpublished work with a focus on innovative and valued practices within specific institutions. They can present preliminary results or raise issues of significance to the discipline. Practice sharing papers are mainly evaluated in terms of the scope of the evaluation of the innovation. All papers are evaluated by the potential relevance to other institutions and to their perceived impact on the community.

Poster/demo (2 pages 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.

The review process is in two stages: (1) review of abstracts; (2) double-blind peer review of papers based on accepted abstracts.

All papers should follow the IEEE Xplore Conference Publishing formatting guidelines. Templates are available at: http://www.ieee.org/conferences_events/conferences/publishing/templates.html

All authors must register and pay the conference fee in advance for the paper to be presented. No shows would result in the paper being withdrawn and not being included for upload to the IEEE Xplore digital library.

All submissions are uploaded and reviews communicated using the EasyChair review management system: <http://www.easychair.org/conferences/?conf=latice2013>

