

Doctoral Consortium March 21, 2013, Macau

In conjunction with the LaTiCE conference on Learning and Teaching in Computing and Engineering, a doctoral consortium will be organized as a pre-conference workshop on March 21st, 2013.

The aims of the workshop are:

- To offer a friendly forum for doctoral students to discuss issues related to their research in computing and engineering education / educational technology;
- To receive constructive feedback from their peers and senior researchers;
- To support networking with other researchers in the computing and engineering education research field;
- To discuss the process of research and life in academia;
- To provide seminars on different issues related to completing doctoral studies.

CHAIRPERSONS

- **Prof. Alvaro Barbosa,**
University of Saint Joseph, Macau.
- **Dr. Anna Eckerdal,**
Uppsala University, Sweden.
- **Prof. Greg Lee,**
National Taiwan Normal University,
Taiwan.

PARTICIPANTS

The consortium is designed primarily for students who are currently enrolled in any stage of doctoral studies with a focus on computing and engineering education research or educational technology. Students, who are considering doctoral studies and who have identified a field of research, may apply as well. The Doctoral Consortium is limited to 15 participants.

VENUE AND PRICING

The doctoral consortium will be organized at the University of Saint Joseph, Macau on March 21st, 2013. Participants are advised to arrive in Macau on March 20th and to stay overnight at a hotel. All participants will pay their own travel and lodging in Macau.

Participation is free for students registering for the LaTiCE 2013 conference. Students, who wish to participate only in the consortium, pay a fee (to be specified later).

Website:

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

Please email latice2013@usj.edu.mo if you have any questions.

CO-SPONSOR

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

ORGANISERS:

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

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



UPPSALA
UNIVERSITET

Doctoral Consortium

March 21, 2013, Macau

REQUIREMENTS

Each applicant should submit a document (2 pages), which includes the following information

- A brief background of the applicant including information about previous studies, motivation for doctoral study, publications if any, and possible teaching experience or pedagogical studies;
- A summary of his / her research, including research questions, methodologies used or planned, and possible results obtained;
- Questions related to the research that the applicant would like to discuss and get feedback at the doctoral consortium.

The document will be made available to the consortium chairs, senior researchers, and other participants at the doctoral consortium to allow preliminary feedback on the research.

On the day that the consortium meets, each student gives a short presentation and receives further feedback.

Deadline for applications:
November 21st, 2012.

Notification of acceptance will be sent by email by **December 21st, 2012.**

Applicants should upload the application document using the EasyChair review management system at:

<http://www.easychair.org/conferences/?conf=lattice2013>

PRELIMINARY PROGRAM

9:00-10:00 Talks on different issues related to completing PhD studies:

- PhD Proposals & Theses – structure and contents;
- Tools for literature review and data analysis;
- The psychological toll of PhD studies.

10:00-10.30 Tea /coffee break

10:30-12:00 Discussion

- What defines a good research question?
- How does one choose a suitable research methodology?
- What makes a good journal article?
- What are career options for computing and engineering education research PhD holders?

12:00-13:00 Lunch

13:00-16:00 Parallel group sessions for groups of 3-4 students to present their work to facilitators and have it constructively criticized.

16:00-16:30 Tea /coffee break

16:30-17:00 Poster session for students to explain their research context, summarize their main research goals and justify the value of their work.

17:00-18:00 Students and facilitators discuss posters with authors.