



7th INTERNATIONAL DOCTORAL CONSORTIUM ON INFORMATICS ENGINEERING EDUCATION RESEARCH

International annual event, organized since 2010 by the
Vilnius University Institute of Mathematics and Informatics

November 30 – December 4, 2016

Druskininkai, Lithuania

The Seventh International Doctoral Consortium is organized by Vilnius University Institute of Mathematics and Informatics on November 30 - December 4, 2016 in Druskininkai, Lithuania.

The aims of the Doctoral Consortium are:

- To offer a friendly forum for doctoral students to discuss their research topics, research questions and design in the field of computing education / educational technology – informatics engineering and education.
- To receive constructive feedback from their peers and senior researchers, to help with choosing suitable methodology and strategies for research.
- To support networking with other researchers in the informatics engineering education research field.
- To discuss any relevant questions related to research and academic life.

Participants

The doctoral consortium is designed primarily for students who are currently enrolled in any stage of doctoral studies with a focus on informatics / informatics engineering / computing education research. Students, who are considering doctoral studies but not have yet a formal doctoral student researcher status, may participate as well.

Senior researchers in the field will provide feedback and suggestions for improvement of the research proposals.

Requirements

Each participant should submit a document, which includes the following information:

- a brief background of the applicant including information about prior studies, research topic, publications if any, and possible teaching experience;
- a summary of his/her research, including motivation, any relevant background, and main literature to contextualize the research, 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 on in the doctoral school.

The summary will be made available for other participants of the doctoral school to allow providing feedback and preparing questions on the research.

AGENDA

Wednesday, November 30th

- 14:30 Bus from Vilnius airport
- 18.30 Dinner - Welcome and discussion

Thursday, December 1st

- 08.00 – 09.00 Breakfast
- 09.00 – 09.30 Valentina Dagienė. Introduction. Welcome everybody
- 09.30 – 10.15 Arnold Pears (Uppsala university, Sweden). What characterises engineering education?
- 10.15 – 11.00 Erkki Sutinen (University of Turku, Finland). Co-design
- 11.00 – 11.30 Coffee break
- 11.30 – 13.00 Don Passey (Lancaster University, United Kingdom). Learning, data and methodological approaches – qualitative, quantitative or mixed methods dilemmas
- 13.00 – 14.00 Lunch
- 14.30 – 16.00 Work in small groups (2-3 students with a senior researcher): students present to senior researchers the research question, objectives/goals, current and expected contributions
Coordinators: Lilia Georgieva, Don Passey, Arnold Pears, Erkki Sutinen
- 16.00 – 16.30 Coffee break
- 16.30 – 17.30 Continuation of the work in small groups
- 17.30 – 18.30 Dinner
- 18.30 – 20.00 Continuation of the work in small groups

Friday, December 2nd

- 08.00 – 09.00 Breakfast
- 09.00 – 10.30 Student's poster presentation: your BIG research idea (5 min. for each+ 5 min. questions): students present their BIG research idea: the clear formulation of the research question, the identified significant problems in the field of the research.
- 11.00 – 12.00 8th International Workshop „Data Analysis Methods for Software Systems“. Druskininkai, Lithuania, Hotel „Europa Royale“. Don Passey, Erkki Sutinen, Márton Visnovitz
- 13.00 – 14.00 Lunch

- 14.00 – 16.00 Reflection on students' posters: all participants will read posters and write down their questions and comments.
- 16.00 – 16.30 Coffee break
- 16.30 – 17.30 Individual work. Improve (re-write) your poster which summarizes your research: BIG research question, goal, subtasks, data collection and analysis methods, theoretical framework, scope, and use of results
- 17.30 – 18.30 Dinner
- 18.30 – 20.00 Work in small groups (2-3 students with a senior researcher)
Coordinators: Lilia Georgieva, Don Passey, Arnold Pears

Saturday, December 3rd

- 08.00 – 09.00 Breakfast
- 09.00 – 10.00 Arnold Pears (Uppsala university, Sweden). The rise and fall of MOOC: what can we learn about the education of the future?
- 10.00 – 11.00 Georgieva, Lilia (Herriot-Watt university, United Kingdom). Experiences with research, supervision, and involvement in activities promoting engagement of female computer scientists
- 11.00 – 11.30 Coffee break
- 11.30 – 13.00 Individual work. Improve your poster again
- 13.00 – 14.00 Lunch
- 14.00 – 16.00 Final presentation of your research work and discussion (10 min. for each student): students present the research to all participants
- 16.00 – 16.30 Coffee break
- 16.30 – 17.30 Final discussion and overview (all supervisors)
- 17.30 – 18.30 Dinner

Sunday, December 4th

- 07.30 – 09.00 Breakfast
- 9.00 Departure to Vilnius airport