

SAVE THE DATE

SEFI Summer School for PhD students Engineering Education Research

22 - 25 June 2020

The 2020 SEFI Doctoral Summer School provides an opportunity for PhD research students engaged in engineering education research (EER) to learn from experts and their peers.

Students will participate in workshops led by experts, centered around aspects of research in EER such as:

- Introduction: What makes EER so special?
Journals, reference papers, ontology, epistemology, research groups in Europe.
- Quantitative Research Methods
Data collection (surveys, experiments, etc) and data analysis (statistical analysis, quantifying subjective data, common flaws, etc.)
- Qualitative Research Methods
Data collection (interviews, focus groups, think aloud etc.) and Interpretative analysis of the data within different research methodologies (Grounded Theory, Phenomenology, Phenomenography, Case study, etc.)

Participants will have the opportunity to engage with the engineering education community and to present their current research and receive feedback from other students and experts.

ORGANISATION

The summer school is organised to foster discussion and thus numbers will be limited to 20 students to facilitate a comfortable environment. All sessions have a highly interactive format, facilitating exchange of ideas and opinions. Participants will be required to prepare work before the summer school and to engage in exercises each day to prepare for in-depth discussion of specific topics.

WHAT IS INCLUDED?

The cost for each participant is €300 which includes lunches and coffee each day. Participants need to make their own accommodation arrangements. More information will follow on the website.

WHO CAN ATTEND?

PhD students conducting research in engineering education are invited to apply. The application form will be available soon on the website.

PROPOSED PROGRAMME

Hours	Monday 22 June 2020	Tuesday 23 June 2020	Wednesday 24 June 2020	Thursday 25 June 2020
9.00 - 10.30 h.		Journals, reference papers	Quantitative Research Methods: Data analysis	Qualitative Research Methods: Data analysis
10.30 - 11.00 h.		Coffee Break	Coffee Break	Coffee Break
11.00 - 13.00 h.		Epistemology and Ontology	Quantitative Research Methods: Data analysis	And what about mixed methods? Critical reflections
13.00 - 14.00 h.	Summer School opening and Welcome Lunch	Lunch	Lunch	Lunch and Summer School Close
14.00 - 15.00 h.	Welcome and Participant Introductions	Quantitative Research Methods: Data collection	Qualitative Research Methods: Data collection	
15.00 - 15.30 h.	Coffee Break	Coffee Break	Coffee Break	
15.30 - 17.00 h.	Introduction to EER (research groups)	Quantitative Research Methods: Data analysis	Qualitative Research Methods: Data analysis	