



ICGSE 2015 Doctoral Symposium

*(Programme for Symposium – room D Escuela Superior de Informática, University of Castilla-La Mancha, Ciudad Real)
Tuesday 13th July 2015*

Goal and Scope

The goal of the ICGSE Doctoral symposium (DS) is to create a forum for PhD students working on foundations, techniques, methods and tools in the area of global software engineering (GSE). It will provide participants with an opportunity to present and discuss their research with senior researchers of the global software engineering community in a constructive and friendly atmosphere. Experts in GSE will provide students with feedback on their research, allowing students to ask questions about how they can overcome obstacles or enhance their current research proposals.

The scope of research topics of the DS is the same as for the main conference. Therefore, we invite research proposals relating to issues in GSE, including challenges that result from various distances, cultural linguistic, and the dispersion over time and space, which affect most of the stages of the software lifecycle, thus leading to the need for new techniques, tools and practices from many disciplines. Submissions may discuss any aspects of GSE.

Content and Approach

The symposium will be run in an interactive style, with opportunities for students to present and discuss their work, both with peers and with discussants (as experienced academics) who will also provide constructive critique.

All participants should be fully committed to one another's success and be prepared to give honest and helpful feedback to their peers during the symposium sessions. So the more thought that participants have put into their preparation, the more scope there is for feedback to be given.

It is intended that participants will leave with a clearer set of ideas, a more fully developed research design or plan and constructive responses to any burning questions relating to their theses. Candidates will be encouraged to consider a publishing plan to accompany their thesis studies.

Candidates should bring along their poster for display and discussion, and their laptops for note taking.

Presentation and publication of research proposal

Symposium participants are expected to present their proposal during the symposium, by speaking to a poster outlining their intended study. The presentation during the doctoral symposium should take approximately 20 minutes. There will be a further 10-15 minutes dedicated to questions and feedback from the committee.

Poster Preparation Guideline

The poster should elaborate on the submitted proposal, and is expected to follow the International Standards Organization (ISO) poster size format (A1) in portrait or landscape orientation.

During the main ICGSE conference students will also be encouraged to present a poster of their research, and participate in the “PhD Student Hour”. During the PhD Student Hour, students can perform surveys, interviews and case studies, or ask different experts for their opinions and advice.

References

- Clear, T. (2014). Supervision for Critical Thinking: Challenges and Strategies. *ACM Inroads*, 5(4), 26-27. doi:10.1145/2667234
- Clear, T. (2014). Framing a research study. *ACM Inroads*, 5(2), 22-23. doi:10.1145/2614512.2614517
- Clear, T. (2013). Doctoral Work in Computing Education Research: Beyond Experimental Designs. *ACM Inroads*, 4(2), 28-30. doi:10.1145/2465085.2465092
- Mullins, G., & Kiley, M. (2002). ‘It’s a PhD, not a Nobel Prize’: how experienced examiners assess research theses. *Studies in Higher Education*, 27(4), 369-286.
- Petre, M. (1999). *Generic viva questions*. presented at the meeting of the SIGCSE Doctoral Consortium,

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| Session Time | Item time | Session Topic/Title | Presenter/Facilitator |
|---------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 15:00 – 15:15 | 15:00 – 15:15 end | Welcome & introduce participants - all Introduction to symposium (discuss agenda, handouts & readings – what is a PhD, the end goal?) | Tony Clear |
| 15:20 – 16 :30 | 15:20 – 16 :30 end | Candidate Presentations & Feedback (20 +15 each) Sildenir {Ita Richardson, Marcela Genero - discussants } Manal { Ita Richardson, Marcela Genero - discussants } | Tony Clear, Ita Richardson, Marcela Genero |
| 16 30 – 17:00 | 16 30 – 17:00 | Coffee Break | |
| 17:00 – 17:35 | 17:00 – 17:35 | Candidate Presentations & Feedback (20 + 15 each) Bilal Raza {Ita Richardson, Marcela Genero - discussants } | Tony Clear, Ita Richardson, Marcela Genero |
| 17:35– 17:55 | 17:35– 17:55 end | Preparing an Elevator speech (discuss handout & approach, candidates consider key elements, Prepare) | Tony Clear |
| 17:55– 18:10 | 17:55– 18:10 end | Deliver Elevator Speeches & receive Feedback (2 mins + 3 feedback each) Sildenir, Manal, Bilal | Tony Clear, Ita Richardson, Marcela Genero |
| 18:10 – 18:25 | 18:10 – 18:25 end | Summary, Evaluations and close | Tony Clear |
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