

Preface

Enterprise Modeling is a popular research topic with a lot of active research groups and many PhD students. The doctoral consortium (DC) at the IFIP Working Conference on Practices of Enterprise Modeling (PoEM) was established as a meeting place and discussion forum for this community, i.e. for PhD students from the enterprise modelling community and from related areas, like from information systems. After the first doctoral consortium at PoEM 2015 in Valencia, the DC in 2016 Skövde was the second edition at PoEM. The main objective was to provide an opportunity for presenting and discussing PhD projects in order to get advice and investigate new perspectives from an audience of peers and senior faculty in a supportive environment. The intention was to bring together PhD students working on foundations, techniques, methods, tools and applications of Enterprise Modeling and provide them with an opportunity to present and discuss their research.

The goals of the Doctoral Consortium were:

- To provide fruitful feedback and advice to the selected PhD students on their research project
- To provide the opportunity to meet experts from different backgrounds working on topics related to the Enterprise Modeling discipline
- To interact with other PhD students and stimulate an exchange of ideas
- To provide the opportunity to discuss concerns about research, supervision, the job market, and other career-related issues
- To discuss different aspects of a PhD project according to the current status, e.g.,
 - Identify a significant problem in the field of research and establish a gap based on the current status of the problem domain and existing solutions
 - Indicate a research goal related to the identified gap and formulate the research question
 - Present preliminary ideas, the proposed approach and the results achieved so far
 - Describe the research methodology applied or planned
 - Outline the contributions of the work to the problem domain and highlight their uniqueness.

To be eligible for the Doctoral Consortium, the PhD student had to be a current doctoral student within a recognized university. Ideally, the PhD student should have at least 6 month of work already performed or at least 6-12 months work remaining before expected completion.

All submissions to the DC were reviewed by at least two members of the program committee. For each submission selected for presentation at the DC and for this proceedings volume, a program committee member acted as a mentor. All mentors are experienced in guiding PhD work and provided advice during the DC to the individual PhD students regarding their PhD projects.

The mentors for the accepted papers were as follows:

- Raimundas Matulevicius was mentor for the submission by Ludmila Penicina on “Controlling Business Object States in Business Process Models to Support Compliance”
- Eva Söderström was mentor for the submission by Carlos Iñiguez on “A conceptual modelling-based approach to generate data value through the end-user interactions: A case study in the genomics domain”
- Jelena Zdravkovic was mentor for the submission by Souvik Barat on “A Simulation Based Aid for Complex Dynamic Decision Making”
- Janis Stirna was mentor for the submission by Julia Kaidalova on “Dealing with Enterprise-IT and Product-IT in a manufacturing enterprise – towards integration in Enterprise Architecture Management”.

The first paper in this proceedings volume is an invited contribution by Eva Söderström that walks through some aspects of the PhD process, with the intent to support the PhD student to better cope with potential obstacles ahead. Furthermore, a special session offered by Kurt Sandkuhl was part of the DC which focused on advice for PhD students regarding publishing opportunities. The content of this session is included as the final paper in the proceedings.

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Eva Söderström and Kurt Sandkuhl

Organization

PoEM DC 2016 Chairs

Kurt Sandkuhl, University of Rostock, Germany

Eva Söderström, University of Skövde, Sweden

PoEM DC 2016 Program Committee

Michael Fellmann, University of Rostock, Germany

Paul Johannesson, Stockholm University, Sweden

John Krogstie, Norwegian University of Science and Technology, Norway

Raimundas Matulevicius, University of Tartu, Estonia

Anne Persson, University of Skövde, Sweden

Jeremy Rose, University of Skövde, Sweden

Irina Rychkova, University of Sorbonne, France

Kurt Sandkuhl, University of Rostock, Germany

Ulf Seigerroth, Jönköping University, Sweden

Eva Söderström, University of Skövde, Sweden

Janis Stirna, Stockholm University, Sweden

Jelena Zdravkovic, Stockholm University, Sweden