

Peri Loucopoulos  
Selmin Nurcan  
Hans Weigand

# CAiSE 2015 Doctoral Consortium

Proceedings of the CAiSE'2015 Doctoral Consortium at  
the 27<sup>th</sup> International Conference on Advanced  
Information Systems Engineering (CAiSE)

Stockholm, Sweden, 8-12 June, 2015



## Preface

CAiSE is a well-established highly visible conference series on Information Systems Engineering.

The CAiSE 2015 Doctoral Consortium is the 22nd Doctoral Consortium of a series held in conjunction with the CAiSE conference series. It is intended to bring together PhD students working on foundations, techniques, tools and applications of Information Systems Engineering and provide them with an opportunity to present and discuss their research to an audience of peers and senior faculty in a supportive environment, as well as to participate in a number of plenary sessions with Information Systems academics.

The goals of the Doctoral Consortium are:

- 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 Information Systems Engineering field.
- To interact with other PhD students and stimulate an exchange of ideas and suggestions among participants.
- To provide the opportunity to discuss concerns about research, supervision, the job market, and other career-related issues.

Participants to the Doctoral Consortium were current doctoral students within a recognized university, with at least 6-12 months work remaining before expected completion (and at least 12 months of work already performed).

The CAiSE 2015 Doctoral Consortium received 14 submissions from 11 countries (Austria, Belgium, Bosnia and Herzegovina, Brazil, Canada, France, Germany, Italy, Macedonia, Morocco, Tunisia).

The management of paper submission and reviews was supported by the EasyChair conference system. All doctoral papers received two reviews from members of the Program Committee and each one was also considered by the Doctoral Consortium Chairs. Eventually, 9 doctoral papers were presented during CAiSE'2015 and are included in these proceedings.

We would like to express our gratitude to the members of Doctoral Consortium Program Committee for their efforts in providing very thorough evaluations of the submitted doctoral papers. We wish also to thank all PhD students who submitted papers to the Doctoral Consortium for having shared their work with us.

Last but not least, we would like to thank the CAiSE 2015 Program Committee Chairs and the Local Organisation Committee for their support.

June 12th, 2015  
Peri Loucopoulos, Selmin Nurcan, Hans Weigand  
CAiSE 2015 Doctoral Consortium Chairs

## **Program Committee Members**

- Rebecca Deneckere, Université Paris 1 Panthéon-Sorbonne, France
- Sergio Espana, Universitat Politècnica de València, Spain
- Jānis Grabis, Riga Technical University, Latvia
- Giancarlo Guizzardi, Federal University of Espirito Santo, Brazil
- Renata Guizzardi, Universidade Federal do Espirito Santo, Brazil
- Willem-Jan van den Heuvel, The Netherlands
- Christian Huemer, Vienna University of Technology, Austria
- Manfred Jeusfeld, University of Skövde, Sweden
- John Krogstie, Norwegian University of Science and Technology, Norway
- Kalle Lyytinen, Case Western reserve University, USA
- Haralambos Mouratidis, University of Brighton, UK
- Anne Persson, University of Skövde, Sweden
- Geert Poels, Ghent University, Belgium
- Manfred Reichert, University of Ulm, Germany
- Hajo Reijers, Eindhoven University of Technology, The Netherlands
- Samira Si-Said Cherfi, CNAM, France
- Pnina Soffer, University of Haifa, Israel
- Janis Stirna, Stockholm University, Sweden
- Barbara Weber, University of Innsbruck, Austria
- Jelena Zdravkovic, Stockholm University, Sweden

## **CAiSE PhD Award**

From CAiSE 2015, a “CAiSE PhD Award” has been initiated. Each year, an award will be offered to a PhD defended in the last two years. The award will consist of a free full registration (5 days) to the next two CAiSE conferences.

The PhD thesis submitted for the award will be reviewed by a standing committee composed of the members of the CAiSE Advisory Committee, the CAiSE Steering Committee and on-going CAiSE Program Committee Chairs.

The condition to apply for the “CAiSE PhD Award” is having participated as an author to a previous CAiSE Doctoral Consortium and having defended the PhD thesis in the last two years.

The candidates to the CAiSE PhD Award should be nominated by their thesis advisor or the application of the candidate should be accompanied by a support letter from the thesis advisor.

Remain connected to the on-going CAiSE web site to be informed about the application process to the CAiSE PhD Award of the given year.