

Preface

The Doctoral Consortium proceedings contains the research summaries that were presented at the 9th Annual ICCBR 2017 Doctoral Consortium which was held on Monday June 26th 2017 in Trondheim, Norway. There were 9 accepted submissions consisting of (i) an application cover page, (ii) a research summary, (iii) a curriculum vitae and (iv) a letter of support from the student's advisor.

The objectives, progress, plans and references in each research summary were progressively refined according to feedback from two PC members. Feedback was organised into three broad areas: general outlook in terms of research hypothesis and proposed methodology; detailed comments specific to the student's project; and finally advice for the talk presentation.

Participants in the Doctoral Consortium were assigned a mentor. A face-to-face pre-event meeting opportunity, held on June 25th, enabled all student-mentor pairs to meet in person, and to refine their presentations. The evening ended with the DC participants and mentors meeting with other conference participants for dinner.

On June 26th, the formal program started with an invited talk by Dr Odd-Erik Gundersen from NTNU. The next sessions featured 20-minute talks presented by the nine doctoral students on their research summary. Mentors had the responsibility of leading the question and answer session following each mentee presentation. A final wrap-up session concluded the day. The presentations covered a wide range of CBR topics including similarity and retrieval, process-oriented CBR, case-based maintenance, CBR and big data. Healthcare as well as industrial applications were described.

Many people participated in making the DC event a success. We wish to thank all our PC members who provided important and useful guidance to DC students, either as reviewers or as mentors. We are very grateful for the generous support of the National Science Foundation which helped fund travel costs for our students from the US.

Finally thank you to all our DC participants. We had a returning PhD student participant which was a valuable indicator that the DC at ICCBR is a useful and beneficial event. We trust that the ICCBR-17 DC enhanced your interest in studying CBR and that the welcome and support from the CBR community has reinforced your interest in this field for the future.

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Stefania Montani
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