

Preface

This CEUR volume contains the contributions accepted for presentation at the Doctoral Consortium (DC) of the 17th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2018) held in Trento, Italy, on the 21st and 22nd November 2018. The Doctoral Consortium was designed for students enrolled either in a Ph.D. program or in a Ms. program interested in doctoral studies.

We accepted two types of contributions:

1. Ph.D. overview (recommended for students in an early stage of the Ph.D.) describes the overall objectives and contributions of the thesis w.r.t. the state of the art, the methodology and the evaluation plan;
2. Scientific achievement is an extended abstract that describes some specific scientific results obtained during the Ph.D. course.

The Consortium provided students with the opportunity to present their research directions in the field of Artificial Intelligence and to be involved in state-of-the-art research through discussion sessions. Each student was also mentored by a senior researcher with experience in the domain of the thesis work, who provided feedback both on the submitted paper and on the oral presentation. Personalized feedback sessions were organized during the event.

This year ten research papers were selected to be included in the proceedings: nine Ph.D. overviews and one scientific contribution. Each extended abstract was subject to reviews by two or three members of the Program Committee, plus one of the students that submitted a paper to the Doctoral Consortium. Each paper was assigned 15 minutes for presentation, and allocated a stand in the poster session.

We would like to thank all the people involved in the organization of the event: the AI*IA Conference Chair, Paolo Traverso, and the Program Chairs Chiara Ghidini, Bernardo Magnini and Andrea Passerini, who provided support and advice throughout the event organization; the Program Committee members, who took care of the

reviews and participated in the event, in particular the mentors for their outstanding support; all the Ph.D. students who submitted their work to the Doctoral Consortium; the AI*IA association for supporting the Doctoral Consortium; Springer for funding the prize for the AI*IA 2018 Best Doctoral Consortium Paper Award.

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