

Preface

It is with great pleasure and excitement that we present the proceedings of the 30th Canadian Conference on Artificial Intelligence (AI 2017). The conference took place for the first time in Edmonton, Alberta, during May 16–19, 2017. As done in the past, this forum was collocated with the 43rd Graphics Interface (GI 2017) and the 14th Computer and Robot Vision (CRV 2017) conferences.

AI 2017 received 62 submissions from Canada and the following countries: Brazil, China, France, India, Iran, Mexico, Moldova, New Zealand, Nigeria, South Africa, Taiwan, Turkey, USA, and UK. Each submission was carefully reviewed by three members of the Program Committee. For the final conference program and for inclusion in these proceedings, 19 regular papers, with allocation of 12 pages each, were selected. Additionally, 24 short papers, with allocation of six pages each, were accepted. Finally, six papers accepted and presented at the Graduate Student Symposium, are also included in these proceedings. These six papers were selected from nine submissions through a reviewing process conducted by a separate Program Committee.

The conference program was enriched by three keynote presentations, several tutorials, and an industry session. The keynote speakers were Hugo Larochelle, Université de Sherbrooke, Adnan Darwiche, University of California Los Angeles, and Robert Holte, University of Alberta. We would like to thank the Program Committee members and the external reviewers of the conference and the Graduate Student Symposium, for their time and effort in providing valuable reviews in a timely manner. We thank all the authors for submitting their contributions and the authors of accepted papers for preparing the final version of their papers and presenting their work at the conference. We thank Daniel Silver, Colin Berlinger, and Shiven Sharma for organizing the Graduate Student Symposium, and chairing the related Program Committee.

The Canadian Conference on Artificial Intelligence is sponsored by the Canadian Artificial Intelligence Association (CAIAC). In this regard, we would like to thank the CAIAC Executive Committee members for their advice and guidance based on their past experience with the conference organization. We would like to express our sincere gratitude to Pierre Boulanger and Nilanjan Ray, the AI/GI/CRV general chairs, to Grzegorz Kondrak, the AI local arrangements chair, and to Fatiha Sadat, the publicity chair, for their help with the organization of the conference. Finally, we are in debt to Andrei Voronkov and the rest of the development team of the EasyChair Conference System. This system made the process of paper submission and evaluation, as well as the preparation of the proceedings, easy and saved us a significant amount of time.

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