Welcome Message
CRV 2016

Welcome to Victoria, British Columbia, and to the Thirteenth Conference on Computer and Robot Vision (CRV), hopefully not an unlucky one! This conference series provides a high-quality forum for the Canadian and international computer and robot vision communities to share their work.

Our conference is sponsored by CIPPRS/ACTIRF (Canadian Image Processing and Pattern Recognition Society/Association Canadienne de Traitement d’Images et de Reconnaissance des Formes). CIPPRS/ACTIRF is a special interest group of the Canadian Information Processing Society (CIPS) and is the official Canadian member of the governing board of the International Association for Pattern Recognition (IAPR). The goal of CIPPRS/ACTIRF is to promote research and development activities in Computer Vision, Robot Vision, Image Processing, Medical Imaging and Pattern Recognition.

The papers collected here have each been peer reviewed by reviewers primarily drawn from an 71 member Program Committee comprised of internationally recognized computer vision and robotics researchers. This year we received a total of 112 submissions, of which 30 papers were accepted for oral presentation, while another 34 papers were accepted as poster papers. This is an exciting rise in submissions of over 55% from 2015.

We wish to thank the reviewers for their prompt help in handling these papers in a very short review period. These conference proceedings are published by the Conference Publishing Services (CPS), and will be available online. The proceedings are also indexed through the INSPEC indexing service. Thus the papers are highly visible and available, ensuring proper exposure for our authors.

We continue to hold the Symposia speaker series, which has been a resounding success over the last two years. We have invited 16 leading computer vision and robotics researchers from across the country to give invited symposia talks. These talks are organized into 8 subject areas. These talks are a great way to sample the amazing computer vision and robotics research that is being carried out across Canada.

The conference also has two keynotes speakers, Laurent Itti of USC and Jim Little of UBC. We extend our thanks to all the invited speakers for participating in CRV 2016. Conference attendees, we hope, will find these talks engaging and illuminating.

CIPPRS Doctoral Dissertation Awards (Winner and Honourable Mention) 2015 will be presented during CRV 2016. We are delighted to inform that both Masoud S. Nosrati, winner of the 2015 CIPPRS Doctoral Dissertation Award, and Emmanuel Piuze, honourable mention for the dissertation award, will also be giving talks on their doctoral research.

CIPPRS sponsored best vision and best robotics paper awards will be handed out at the conference as well. We short-listed best paper candidates based upon the reviewers’ scores and comments and provided this list to the selection committee. The best papers were selected by the selection committee together with the CRV co-chairs.

Many people collaborated to organize this meeting. We gratefully acknowledge and thank Brian Wyvill and Melanie Tory and their colleagues, who did a great job of arranging and synchronizing the co-located conferences, and our editor Juan Guerrero of the IEEE Computer Society.
We thank CIPPRS Treasurer John Barron at the Western University, and CIPPRS President Gregory Dudek of McGill for their ongoing guidance and support. Thanks also to last year’s CRV Program Co-chair Michael Langer for leaving things in good shape and for timely reminders. Finally, and most importantly, many thanks to the authors, who submitted their papers to CRV 2016, and to the attendees of CRV 2016 for making this such a special event.

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