Call for Papers
15th Conference on Computer and Robot Vision (CRV 2018)

Toronto, Ontario, Canada | May 9-11, 2018 | http://www.computerrobotvision.org/

CRV 2018 invites original, high quality paper submissions on the following topics:

3-D Point Clouds, Depth Cameras	Early Vision	Object Recognition and Detection
Action Selection	Environment Modeling	Pattern Recognition
Active Sensing	Faces, Gestures, Crowds	Perceptual Organization
Activity Recognition	Features, Detection, Description, Matching	Real-Time Sensing
Attention	Field Robotics	Reinforcement Learning
Biologically Motivated Computer Vision	Grasping	Remote Sensing
Biometrics	Human-Robot Interaction	Representation Learning
Calibration	Illumination and Reflectance Modeling	Segmentation
Camera Networks	Image Retrieval	Sensor Fusion
Classification	Learning from Sensors	Video Analytics
Clustering	Machine Learning for Perception	Sensor-Based Navigation
Computational Photography	Mapping, SLAM	Shape Representation
Contours	Medical Imaging	Single-View 3-D Reconstruction
Control Architectures	Mosaicking	Software Tools for Vision & Robotics
Convolutional Networks	Motion and Tracking	Video Analytics
Document Analysis	Multi-Robot Systems	Vision for Autonomous Vehicles
Domain Adaptation, Transfer Learning	Multi-View 3-D Reconstruction	Visual Servoing

Important Dates

Submission deadline:	January 28, 2018
Decisions:	March 11, 2018
Camera-ready due:	April 1, 2018

Submission Guidelines

Submissions must be standalone papers, of 4-8 pages in length, and must describe original research on the topics listed above. Duplicate submissions to other conferences or workshops are strictly prohibited.

Conference Proceedings

Accepted papers (both Oral and Poster) will be published by the Conference Publishing Services (CPS) and will be submitted for publication to Xplore. Xplore has published the CRV proceedings since 2004.

Keynote Speakers

- Richard Szeliski, Facebook Research
- Anca Dragan, University of California Berkeley

Invited Symposia

CRV will feature 6 Symposia consisting of invited talks from eminent computer vision and robotics researchers:

- Neil Bruce, University of Manitoba
- Gregory Dudek, McGill University
- Paul Fieguth, University of Waterloo
- Dana Kulic, University of Waterloo
- Kyros Kutulakos, University of Toronto
- Jochen Lang, University of Ottawa
- Ioannis Rekleitis, University of South Carolina
- John Tsotsos, York University
- Steve Waslander, University of Waterloo
- Rick Wildes, York University
- Alex Wong, University of Waterloo
- Simon Yang, University of Guelph

For more information, contact the CRV 2018 co-chairs:
James Elder, York University
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The Conference on Computer and Robot Vision is sponsored by the Canadian Image Processing and Pattern Recognition Society (CIPPRS) and is jointly located with the Canadian AI and Graphics Interface conferences.