Call for Papers
16th Conference on Computer and Robot Vision (CRV 2019)

Kingston, Ontario, Canada | May 29-31, 2019 | http://www.computerrobotvision.org/

CRV 2019 invites original, high quality paper submissions on the following topics:

3-D Point Clouds, Depth Cameras	Domain Adaptation, Transfer Learning	Multi-Robot Systems
3-D Reconstruction	Early Vision	Object Recognition and Detection
Active Perception	Environment Modeling	Perceptual Organization
Activity Recognition	Faces, Gestures, Body Poses	Photogrammetry, Remote Sensing
Attention	Features: Detection, Description, Matching	Real-Time Perception
Biologically-Motivated Perception	Field Robotics	Reinforcement Learning
Biometrics	Grasping	Representation Learning
Calibration	Human-Robot Interaction	Segmentation
Camera Networks	Image Retrieval	Sensor Fusion
Classification	Localization, Mapping, Odometry, SLAM	Sensor-Based Navigation and Control
Computational Photography	Machine Learning for Perception	Shape Representation
Convolutional Networks	Medical Imaging	Software Tools for Vision & Robotics
Deep Learning	Mosaicking	Vision for Autonomous Vehicles
Document Analysis	Motion and Tracking	Visual Servoing

Important Dates

Submission deadline:	**February 11, 2019**
Decisions:	**March 25, 2019**
Camera-ready due:	**April 10, 2019**

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.

Invited Symposia

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

- Bryan Funt, Simon Fraser University
- David Meger, McGill University
- Florian Shkurti, University of Toronto
- François Michaud, University of Sherbrooke
- James Elder, York University
- Jean-François Lalonde, Laval University
- Jim Little, University of British Columbia
- Liam Paull, University of Montreal
- Moo Yi Kwang, University of Victoria
- Olga Veksler, University of Waterloo
- Paul Kry, McGill University
- Yang Wang, University of Manitoba

For more information, contact the CRV 2019 co-chairs:

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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.