

# Call for Papers

## 17th Conference on Computer and Robot Vision (CRV 2020)

Ottawa, Ontario, Canada | May 13-15, 2020 | <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 5, 2020**  
Decisions: **March 13, 2020**  
Camera-ready due: **March 28, 2020**

### 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:

- Animesh Garg, University of Toronto
- Francois Pomerleau, Laval University
- Gregor Miller, Google (USA)
- Heldge Rodin, University of British Columbia
- Igor Gilitschenski, MIT
- Ismail Benayed, ETS - Montreal
- Matthew Walter, TTI - Chicago
- Minglun Gong, Guelph University
- Robert Laganière, University of Ottawa
- Sajad Saeedi, Ryerson University
- Xiaoming Liu, Michigan State University

For more information, contact the CRV 2020 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 conference.