

Call for Papers

14th Conference on Computer and Robot Vision (CRV 2017)

Edmonton, Alberta, Canada

May 16-19, 2017

<http://www.computerrobotvision.org/>

CRV 2017 invites original, high quality paper submissions on the following topics:

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

Important Dates

- Submission deadline: **February 3, 2017**
- Decisions: **March 10, 2017**
- Camera-ready due: **April 3, 2017**

Submission Guidelines

Submissions must be complete papers, can be 4-8 pages in length and must describe original research on the topics listed above.

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

- Peter Corke, Queensland University of Technology
- Pietro Perona, California Institute of Technology
- Gaurav Sukhatme, University of Southern California

Invited Symposia

CRV will feature 6 Symposia consisting of invited talks from 12 computer vision and robotics researchers. Topics are:

- Visual SLAM
- Robot Vision
- Learning in Vision and Robotics
- Vision Modeling
- Vision from Above and Below (Remote/Underwater Sensing)
- Biologically Motivated Computer Vision and Multimedia

For more information, contact the CRV 2017 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