

# The Eleventh Conference for Computer and Robot Vision (CRV 2014)

Montreal, Canada

May 7-9, 2014

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



## Call for Papers:

The Conference for Computer and Robot Vision invites submissions of original, high quality material for presentation during the CRV 2014 meeting in Montreal, Canada. Topics of special interest:

### Vision Topics:

- Applications
- Medical imaging
- Calibration
- Mosaicing
- Camera networks
- Features, contours, textures
- Faces, gestures, activities, crowds
- Graphics and vision
- Illumination
- Image retrieval
- Classification
- Motion and video
- Recognition
- Pattern recognition
- Performance evaluation
- Segmentation, grouping
- 3D: point clouds, depth cameras

### Robotics Topics:

- Action selection
- Active sensing
- Challenging environments
- Environment modeling
- HRI
- Learning from sensors
- Mapping / SLAM
- Multi-robot systems
- Real-time sensing
- Control architectures
- Sensor-based navigation
- Visual servoing
- Sensor fusion
- Sensor networks
- Software tools for vision and robotics
- Teleoperation

## Conference Information:

- **Important Dates:**
  - Paper Submission: **February 4, 2014**
  - Robotics Extension: **February 13, 2014**
  - Author Notification: **February 28, 2014**
  - Camera-ready due: **March 7, 2014**
- **Keynote speakers:**
  - **Frank Dellaert**
  - **Raffaello D'Andrea**
- **Publisher:** IEEE Conference Publishing Services. Proceedings submitted to the IEEE Xplore Digital Library.

## Invited Symposia:

For the first time in 2014, CRV will feature 4 symposia composed of invited talks by senior researchers (16 speakers in total), on highlighted sub-topics of the meeting.

Symposia topics:

- **Assistive Technologies / Health**
- **Action Recognition, Surveillance, Tracking**
- **Segmentation and Shape**
- **Field Robotics**

David Meger and Michael Langer, McGill University  
CRV 2014 co-chairs

[computerrobotvision2014@gmail.com](mailto:computerrobotvision2014@gmail.com)

*The Computer and Robot Vision conference is sponsored by the Canadian Image Processing and Pattern Recognition Society (CIPPRS) and is jointly located with the Canadian AI and Graphics Interface conferences*