

# Call for Papers

## 21st Conference on Robots and Vision (CRV 2024)

Guelph, Ontario, Canada | May 27 - 31, 2024 | [www.computerrobotvision.org](http://www.computerrobotvision.org)

The 21st Conference on Robots and Vision seeks high-quality paper submissions from all aspects of robotics and computer vision. In particular, CRV 2024 invites contributions in the following areas:

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

### Important Dates

Conference Paper Submission:	February 18, 2024
Workshop Paper Submission:	March 3, 2024
Decision Notifications:	March 25, 2024
Camera-Ready Deadline:	April 29, 2024
Conference:	May 27 - 31, 2024

CRV 2024 is an in-person conference. Before submission, please ensure that at least one author of each accepted paper is committed to registering and attending CRV 2024.

### Submission Guidelines

Submissions must be self-contained papers, of 4-8 pages in length and in [IEEE format](#). Submissions to the main conference must describe original research. Workshop submissions are non-archival and will not be part of the CRV 2024 proceedings.

For more information, contact the CRV 2024 program co-chairs:  
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The Conference on Robots and Vision is sponsored by the Canadian Image Processing and Pattern Recognition Society (CIPPRS) and is jointly located with the Canadian Conference on AI.