

Call for Papers

18th Conference on Robots and Vision (CRV 2021)

Virtually in Burnaby, British Columbia, Canada | May 26-28, 2021 | <http://www.computerrobotvision.org/>

New in 2021, the 18th Conference on Robots and Vision seeks high-quality paper submissions from all aspects of robotics and computer vision. In particular, CRV 2021 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 Navigation 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

Paper Submission Deadline: March 5, 2021
Decision Notifications: March 8, 2021
Camera-Ready Papers Deadline: April 29, 2021
Virtual Conference: May 26-28, 2021

Submission Guidelines

Submissions must be standalone papers, of 4-8 pages in length and in [IEEE format](#). Papers must describe original research. Duplicate submissions to other conferences or workshops are strictly prohibited.

Conference Proceedings

Accepted papers will be published by Conference Publishing Services (CPS) and will be submitted to IEEEXplore.

For more information, contact the CRV 2021 program co-chairs:

Liam Paull, University of Montreal
Helge Rhodin, University of British Columbia
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Confirmed Keynote Speakers

Daniela Rus - MIT
Sergey Levine - UC Berkeley

Confirmed Symposia Speakers

Ariel Anders - robust.ai
Angel Chang - Simon Fraser University
Ke Li - Simon Fraser University
Hsiu-Chin Lin - McGill University
Ashique Rupam Mahmood - U of Alberta / Amii
Adriana Romero Soriano - Facebook AI