CVC2026
21-22 May | Amsterdam, NL

Agenda - Computer Vision Conference (CVC) 2026
21-22 May 2025 | Amsterdam, Netherlands

TIME (Amsterdam) CET/UTC+2	Thu May 21	Fri May 22
09:00 AM - 09:30 AM	Delegates Check-in	Delegates Arrive
09:30 AM - 11:00 AM	Opening + Keynote Talks • Juan Wachs (Purdue University, United States) • Leo Dorst (University of Amsterdam)	Keynote Talks • Marco Diani (iMAGE S S.p.A.) • Alexandru Telea (Utrecht University)
11:00 AM - 11:30 AM	Poster Presentations + Break	Poster Presentations + Break
11:30 AM - 12:30 PM	Paper Presentations - 3D Vision, Scene Understanding & Depth Estimation	Paper Presentations - Medical Imaging, Healthcare & Multimodal Vision
12:30 PM - 01:30 PM	Lunch Break	Lunch Break
01:30 PM - 03:00 PM	Paper Presentations - Object Detection, Segmentation & Augmentation	Paper Presentations - Applications, Accessibility & Emerging Systems
03:00 PM - 03:30 PM	Networking Break	Networking Break
03:30 PM - 04:30 PM	Paper Presentations - Classification, Representation & Learning	Paper Presentations - Security, Trust & Novel Methods
04:30 PM Onwards	Social Activity	Conference Closing (30 minutes)

Computer Vision Conference (CVC) 2026
Day 1 - May 21, 2026

Session 1: 3D Vision, Scene Understanding & Depth Estimation
May 21 | 11:30 AM - 12:30 PM

72 - SF3D-RGB: Scene Flow Estimation from Monocular Camera and Sparse LiDAR (Presenter: Ramy Battrawy)

40 - XFG-SLAM: An Efficient and Robust Deep-Learning SLAM Framework for Edge Devices (Presenter: Yee Jun Sen)

133 - Intelligent Control and Sensor Fusion for a Tracked Mobile Collaborative Robot in Unstructured Environments (Presenter: Roman Zahariev)

168 - Efficient Appearance-Based 3D Gaze Estimation via Structural Reparameterization (Presenter: Vincent Taneri)

Session 2: Object Detection, Segmentation & Augmentation
May 21 | 01:30 PM - 03:00 PM

138 - SADA: Semantic-Aware Data Augmentation for Robust Object Detection Models (Presenter: Yonggoo Choi, Ilkyeun Ra)

128 - CLIP Meets DINOv3 for Effective Crop and Weed Multispectral Semantic Segmentation (Presenter: Ilias Papadeas)

68 - A Simple Automatic Method for Generating Head and Upper-Body Segmentation Datasets from Depth Data (Presenter: Rudolf Jaksa)

112 - Sub-region Aware Modality Fusion and Adaptive Prompting for Multi-modal Brain Tumor Segmentation (Presenter: Shadi Alijani)

48 - Transferable Adversarial Patches with Reinforcement Learning Across Ensemble Models (Presenter: Maryam Saffo)

41 - Unveiling the Roof: Anomaly Detection in Train Pantographs (Presenter: Levi Ari Pronk)

Session 3: Classification, Representation & Learning
May 21 | 03:30 PM - 04:30 PM

73 - Decorrelation Speeds Up Vision Transformers (Presenter: Kieran Carrigg)

127 - On Selecting CNN Encoders Suitable for Contrastive Learning for Small-Scale Target Data Classification (Presenter: Sang-Woon Kim)

166 - Probabilistic Relation Networks: Robust Few-Shot Learning via Beta Distribution (Presenter: Mykola Baranov)

196 - Building Trustworthy Computer Vision Models to Specification (Presenter: Sathyanarayanan Manamohan)

Computer Vision Conference (CVC) 2026
Day 2 - May 22, 2026

Session 4: Medical Imaging, Healthcare & Multimodal Vision
May 22 | 11:30 AM - 12:30 PM

50 - Representation Learning of Near-Surface Atmospheric Fields (Presenter: Martin Vozár)

126 - A Hybrid Classical-Quantum Machine Learning for the Binary Classification of Medical Images (Presenter: Mauricio Solar)

105 - Multimodal AI in Healthcare: From CNNs and Hybrid Transformers to Vision Language Models (Presenter: Cheikh Mbengue)

151 - Computer Vision Enabled Learning Public Health Systems as a Service (CV LPHSaaS) (Presenter: Nabil Georges Badr)

Session 5: Applications, Accessibility & Emerging Systems
May 22 | 01:30 PM - 03:00 PM

23 - On Automating the Classification of Building Type and Age: A Multi-Source ML-Based Comparison (Presenter: Arusha Kramm)

107 - Explainable AI in K–12 Curriculum Generation: A Systematic Review of Teacher Trust, Transparency, and Adoption Factors (Presenter: Jen Walczak)

120 - Creating Calming Virtual Reality Environments for Anxiety Relief (Presenter: Kennedy Evans)

115 - Clustering and Classification of Engagement Patterns in Immersive Learning Settings (Presenter: Hussein A. Dawood)

42 - AI-Powered Virtual White Cane (Presenter: Tudor-Sorin Ciutacu)

53 - Classification of Damaged Potatoes Using YOLO11 (Presenter: Jakub Ksiazek)

Session 6: Security, Trust & Novel Methods
May 22 | 03:30 PM - 04:30 PM

57 - Zero Trust in Agile Development (Presenter: Yuri Bobbert)

94 - The Shadow of the Past: New Light on the Past of Legacy Systems (Presenter: Stephanie Kelder)

51 - Towards Automated Detection of Bookbinding Tool Impressions: A Pilot Study (Presenter: Dominik Stursa)