



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 <ul style="list-style-type: none"> <li>Juan Wachs (Purdue University, United States)</li> <li>Leo Dorst (University of Amsterdam)</li> </ul>	Keynote Talks <ul style="list-style-type: none"> <li>Marco Diani (iMAGE S.p.A.)</li> <li>Alexandru Telea (Utrecht University)</li> </ul>
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 (Restaurant)	Lunch Break (Restaurant)
01:30 PM - 03:00 PM	Paper Presentations - Object Detection, Segmentation & Augmentation	Paper Presentations - Applications, Accessibility & Emerging Systems
03:00 PM - 03:15 PM	Break	Networking Break
03:15 PM - 03:30 PM	Facilitated Networking	
03:30 PM - 04:30 PM	Paper Presentations - Classification, Representation & Learning	Paper Presentations - Security, Trust & Novel Methods
04:30 PM Onwards	Amsterdam Canal Cruise	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

Session Chair: Kohei Arai

- 72 - SF3D-RGB: Scene Flow Estimation from Monocular Camera and Sparse LiDAR (Presenter: Ramy Batrawy)
- 40 - XFG-SLAM: An Efficient and Robust Deep-Learning SLAM Framework for Edge Devices (Presenter: Yee Jun Sen)
- 168 - Efficient Appearance-Based 3D Gaze Estimation via Structural Reparameterization (Presenter: Vincent Taneri)
- 224 - Visual MEMENTO: A Foundation Model Framework for Recording, Understanding, and Retrieving Screen-Share Sessions in Meetings (Presenter: Pritesh Kanani)
- 133 - Intelligent Control and Sensor Fusion for a Tracked Mobile Collaborative Robot Operating in Unstructured Environments (Presenter: Roman Zahariev)

## Session 2: Object Detection, Segmentation & Augmentation

May 21 | 01:30 PM - 03:00 PM

Session Chair: Kohei Arai

- 138 - SADA: Semantic-Aware Data Augmentation for Robust Object Detection Models (Presenter: Yonggoo Choi)
- 68 - A Simple Automatic Method for Generating Head and Upper-Body Segmentation Datasets from Depth Data (Presenter: Rudolf Jaksa)
- 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)
- 192 - Integration of Rotational Constraints During Bundle Adjustment in OpenMVG (Presenter: Dmitriy Slutskiy)
- 236 - Crystal Contour Detection Under Pipette Occlusion for Robotic Laboratory Automation (Presenter: Filip Rucka)
- 128 - CLIP Meets DINOv3 for Effective Crop and Weed Multispectral Semantic Segmentation (Presenter: Ilias Papadeas)

## Session 3: Classification, Representation & Learning

May 21 | 03:30 PM - 04:30 PM

Session Chair: Sang-Woon Kim

- 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)
- 124 - Crop Disease Classification Using Lightweight Deep Learning Models (Presenter: Ekereuke Udoh)

# 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

Session Chair: Usman Tariq

- 50 - Representation Learning of Near-Surface Atmospheric Fields (Presenter: Martin Vozár)
- 112 - Sub-region Aware Modality Fusion and Adaptive Prompting for Multi-modal Brain Tumor Segmentation (Presenter: Shadi Alijani)
- 126 - A Hybrid Classical-Quantum Machine Learning for the Binary Classification of Medical Images (Presenter: Mauricio Solar)
- 217 - Multi-Agent Coordination for Latency Constrained Vision Language Anomaly Detection in Surveillance Systems (Presenter: Giovanni De Gasperis)

## Session 5: Applications, Accessibility & Emerging Systems

May 22 | 01:30 PM - 03:00 PM

Session Chair: Mauricio Solar

- 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)
- 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)
- 158 - Automated Pineapple Fruit Detection and Counting System Using Machine Learning (Presenter: Diana Mejias Hernández)
- 228 - NavAssist: On-Device Voice-Guided Object Navigation for Visually Impaired Users (Presenter: Hessa Al Ali)

## Session 6: Security, Trust & Novel Methods

May 22 | 03:30 PM - 04:30 PM

Session Chair: Session Chair: Mauricio Solar

- 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)
- 229 - Targeted Zero-Knowledge Verification for Computer Vision Inference (Presenter: Spencer Graham, Colin Gagich)