Vision Expert Huddles

at the automatica Machine Vision Pavilion (Hall B5, Booth 210)

VDMA Machine Vision

Tuesday, 24 June 2025

AI & Vision

10:00	elunic	Fehler erkennen, bevor sie entstehen: Best-Practices aus KI-Vision und KI-Qualitätsagenten **– in German**
10:30	Anticipate	Vom Regelwerk zur Lernfähigkeit: KI-gestützte Bildverarbeitung in der industriellen Qualitätsprüfung **– in German**
11:00	LMI	3D Scanning with AI for Automated Weld Inspection
11:30	wenglor sensoric	AI Interfaces in Industrial Image Processing: ONNX Models in uniVision 3
12:00	Medabsy	Virtualising Machine Vision: Speed up your project with digital twins and synthetic images
12:30	Robovision	How Vision AI Drives Manufacturing Outcomes in an Era of Hyper-Automation

Vision Solutions

13:00	Basler & NVIDIA	Vision System Simulation: Doing everything right from the start
13:30	B&R Automation	Integrated vision system
14:00	VITRONIC / VDMA Machine Vision	How to do realize successful Machine Vision Projects
14:30	Newston Automated Solutions	Inline Metrology Excellence
15:00	Murrelektronik	Bye bye control cabinet - welcome decentralized connectivity
15:30	Schunk	Combining AI with Algorithms: Enhancing object recognition and 2D Grasp Planning
16:00	Teledyne Flir IIS	Real-Time 3D Vision for Robotics: Rugged, Accurate, and Built for Speed

16:30	**Happy Hour**	**Networking with Beer and Brezels**

More information: https://automatica-munich.com/en/trade-fair/program/

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Wednesday, 25 June 2025

Robot Vision / Bin Picking / 3D

10:00	Pickit	Journey Toward Universal 3D Vision: Scalable, Reliable, Accessible
10:30	Lucid Vision Labs	Improving Efficiency in Vision-Guided Robotics with 3D Time-of-Flight Cameras
11:00	MVTec Software	Bin Picking with a Combination of Deep Learning and Rule-Based Algorithms
11:30	VMT Bildverarbeitungssysteme	Revolutionizing Robot Path Guidance
12:00	Photoneo, part of Zebra Technologies	Transforming Vision-Guided Robotics with Blue Laser 3D Sensors
12:30	Roboception	AI-based Perception as the Key to Flexible Automation
13:00	SICK	AI Depalletizing Using Machine Vision

Vision Technologies

13:30	Schneider-Kreuznach	Seeing Beyond Standards: How Customized Lenses Drive Innovation
14:00	IDS Imaging Development Systems	Event-based imaging: Increased speed, less data
14:30	Specim	Achieve 100% Surface Inspection with Hyperspectral Imaging
15:00	Exaktera	SWIR & Multispectral Solutions for Machine Vision
15:30	Emberion	Machine Vision using Quantum Dot (QD) SWIR cameras

16:30	**Happy Hour**	**Networking with Beer and Brezels**

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Thursday, 26 June 2025

Vision Solutions

10:00	Inbolt	How Stellantis Automated Filter Insertion Without Line Stops, Using AI & 3D Vision
10:30	inos Automationssoftware	Smart vision technology and software in high-tech applications
11:00	Viscom	Voids in Lötverbindungen aufspüren mit 3D-CT-Analyse oder 2D Vision mit KI? **– in German**
11:30	Taskoprojekt	Neue Trends beim Einsatz von Bildverarbeitungssystemen in automatisierten Anlagen **– in German**
12:00	Zivid	The Unseen Cost of Dirty Data: Why Clean Point Clouds are Key to Scalable Robot Cells
12:30	Phil-vision	Tool detection and measurement in 3D and AI

AI & Vision

13:00	PCB Arts	Warum Machine Vision in der Qualitätssicherung noch nicht bereit für NoCode KI ist.
13:30	Cambrian Robotics	Wire Harness and Cable Assembly Automation with AI-Based Vision
14:00	Agile Robots	Arena2036 Robotik Challenge: How we solved wire harnessing using vision & AI
14:30	Maddox AI	Why AI Projects Fail and How a Money-Back Guarantee Ensure Success

16:30	**Happy Hour**	**Networking with Beer and Brezels**

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Friday, 27 June 2025

Robot Vision / Bin Picking / 3D		
10:00	Mech-Mind Robotics	AI-Powered 3D Vision: Redefining the Future of Robotic Automation
Vision Technologies		
10:30	Osela	Low speckle line laser for 3D vision
11:00	Xitaso	Sensorfusion for Robust Perception in Mobile Robots
11:30	Opto Engineering	Transforming Small Component Inspection with 360° Imaging
12:00	Attain Optics	Optical Coating Technology: Core Key to Unlocking High Imaging Performance of Lenses
12:30	K-Lens	Wie die KI hilft die Qualitätskontrolle zu automatisieren
13:00	Solomon Technology Corporation	Accelerating vision-guided robotics with few-shot learning
13:30	Annolution	Smart Cameras im Alltag – Einfach, effizient, einsatzbereit **– in German**

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