Vision Expert Huddles

at the automatica Machine Vision Pavilion (Hall B5, Booth 110)

Tuesday, 27 June 2023

Vision Solutions & Robot Vision

10:00	VDMA Robotics + Automation	Machine Vision - a universal problem solver
10:30	Roboception GmbH	The Power of Synthetic Data for Solving Complex Automation Tasks
11:00	Eigen Innovations	Out-of-the-box vision solution as easy replacement to human inspection
11:30	ASENTICS GmbH & Co. KG	Tiefere Einblicke in die Welt der optischen Oberflächeninspektion **- in German**

AI & Vision

| 12:00 | Relimetrics | ReliVison AI Platform - Build, Deploy and Maintain Your Own Solution |

Vision Technologies

| 12:30 | Emberion | Wide Spectral Range VIS-SWIR camera |

AI & Vision

| 13:00 | Senswork | Accessible development of Vision AI solutions for industrial applications |

Bin Picking & Robot Vision

13:30	Micropsi Industries	My Robot's New Smart Eyes: Leveraging AI for Control-Oriented Vision
14:00	Zivid	An Evolution in Simplicity: how to see it all with one (Zivid) 3D camera
14:30	Photoneo	Colorful 3D-scanning in motion
15:00	VISIONERF	3D-Vision: LED vs. Laser scan to automate production lines

16:30 Get-together for the machine vision community

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Wednesday, 28 June 2023

10:00	IDS Imaging Development Systems GmbH	3D-maging capabilities with an integrated RGB camera

AI & Vision

10:30	Nexustec GmbH	AI powered 100% process control of manual assembly work

Bin Picking & Robot Vision

11:00	BASLER AG	Many paths lead to happiness – also in vision-guided robotics
11:30	Inbolt	Real-time robot guidance in dynamic environments powered by 3D-vision
12:00	LMI Technologies	Smart 3D-Technology and the Drive to Develop End-to-End Machine Vision Inspection Solutions
12:30	MICRO-EPSILON	Integration of 3D-sensors in automated processes and image processing

Standardisation

13:30	VDMA MMI	OPC UA for Machinery and umati Initiative

Vision Technologies

14:00	Lucid Vision Labs, Inc.	RDMA technology for high-speed cameras providing optimal image transfer over 10GigE and beyond
14:30	AT - Automation Technology GmbH	Inline Metrology: Evaluate Your 3D-Image Within 10 Minutes
15:00	Osela	Line lasers - trends and developments for 3D-vision
15:30	MVTec Software GmbH	Standardization: Benefit from its advantages and Make it Work for You

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Thursday, 29 June 2023

AI & Vision

10:00	XITASO GmbH	Anomalie-Erkennung & Lebensdauerprognosen mit Deep Learning
10:30	OCTUM GmbH	Kampf der Giganten - Embedded Vision versus AI Vision **- in German**
11:00	ivii GmbH	KI-Vision-Lösung für mechanische Arbeitsplätze **– in German**
11:30	MABRI.VISION GmbH	KI-gestützte Anomalieerkennung in der optischen Qualitätskontrolle **- in German**

Vision Technologies

| 12:00 | Opto Engineering S.p.a. | Liquid lenses for machine vision: innovative solutions to get the best out of your system |
| 12:30 | wenglor sensoric GmbH | Standardized illumination ecosystem for maximum flexibility |

Vision Technologies

| 14:00 | Teledyne Flir | Infrared Machine Vision in Automation |
| 14:30 | aku.automation GmbH | „aku.visionManager® - das flexible und leistungsfähiges PC-Vision Framework" - **in German** |

Bin Picking & Robot Vision

| 15:00 | Allied Vision Technologies GmbH | Harnessing the Power of 3D-Sensing for Logistics Automation and More |
| 15:30 | EVT Eye Vision Technology GmbH | Depalletizing with 3D-Vision based on DeepLearning and ROS2 |

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Friday, 30 June 2023
Vision Solutions

10:00	wenglor sensoric GmbH	Parameterization meets Programming on Smart Cameras
10:30	SPECIM Ltd.	Hyperspectral Imaging - New areas of application

AI & Vision

11:00	Eigen Innovations	Making deep learning models easy to train, to deploy and to scale with digital image twins
11:30	Neurocle	Why optimization is important in deep learning

Bin Picking & Robot Vision

12:00	Mega Phase Industrial Technology (Shanghai)	3D-camera family for high precision applications
12:30	Fraunhofer IOF	Bin Picking of objects with optical uncooperative surfaces

Experts from the machine vision industry look forward to your questions.
A keynote will be followed by discussion.

Please, find a description of the talks on the automatica website: Supporting program of automatica 2023 (automatica-munich.com)

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