Five reasons for your participation

There are many reasons to participate in the inVISION Days. We have summarized the five most important ones for you.

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1 FREE REGISTRATION

Whether for just one presentation, one session, or all three days. Registration is free of charge for you.

2 REGISTER NOW. WATCH LATER.

Register now and either watch everything live or simply watch (1z rest) as video-on-demand later.

3 TOP TRENDS & SPEAKERS

Get an overview of upcoming developments in the machine vision industry thanks to top presentations from market leaders.

4 SCALABLE & CONVENIENT

Whether it's just one lecture, one session or all days: with one link you can be there live at any time or as video-on-demand.

5 LIVE NETWORKING

Ask the speakers during their presentation or exchange ideas with visitors via video chat with our networking tool.

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Digital Conference for Machine Vision

November 30 – December 2, 2021

More informations and free registration at:
www.invdays.com

November 30, 2021

Cameras

Cameras
Optics & Lenses
High-Speed Vision

December 01, 2021

Embedded Vision & AI

AI & Deep Learning
Smart Cameras
Embedded Vision

December 02, 2021

World of 3D

Robot Vision
Profile Sensors
Bin Picking

inVISION DAYS

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Day 1: Cameras
Tuesday, 30. November

Time		Session
09:15	inVISION	Welcome
09:20	FRAMOS	**Keynote:** Deep insights into image sensors & interfaces
SESSION 1		**Cameras**
10:00	IDS	Ready-made solutions with a machine vision one-stop-shop
10:25	TELEDYNE FLIR	Accelerate decision making with new SWIR technology
10:50	BASLER	Global market trends for computer vision cameras
11:15	Allied Vision	Machine vision on embedded systems: possibilities & limits
11:40		**Q&A Session:** Cameras
12:00	emva	EMVA Vision Pitches – Part 1
SESSION 2		**Optics & Lenses**
12:30	Schneider KREUZNACH	Industrial optics for high resolution sensors
12:55	VISION & CONTROL	High resolution and high DoF lenses for blue LED-Light
13:20	Edmund	Is there something between standard and custom lenses?
13:45		**Q&A Session:** Optics & Lenses
SESSION 3		**High-Speed Vision**
14:00	Baumer	Advanced 10GigE cameras to simplify integration
14:25	euresys	CoaXPress for high speed image acquisition
14:50	emergent	Multi-camera applications with 25, 50 and 100GigE vision
15:15		**Q&A Session:** High-Speed Vision
15:30	emva	EMVA Vision Pitches – Part 2
16:00	BASLER, B&R, LUCID, TELEDYNE DALSA	**Panel Discussion:** What will the camera of the future look like?

Day 2: Embedded Vision & AI
Wednesday, 1. December

Time		Session
09:15	VISION	Welcome
09:20	emva	**Keynote:** Embedded vision & AI landscape 2025
SESSION 4		**AI & Deep Learning**
10:00	IDS	Customize your AI vision without programming
10:25	TELEDYNE FLIR	Deep learning options for easier model training
10:50	Vecow	Smarter AIoT solution service accelerates AI applications
11:15	BASLER	Deep learning in embedded devices at the edge
11:40		**Q&A Session:** AI & Deep learning
12:00	emva	EMVA Vision Pitches – Part 3
SESSION 5		**Smart Cameras**
12:30	B&R	Integrated machine vision without downtime
12:55	Baumer	Easy-to-use smart cameras for Industry 4.0 and AI
13:20	wenglor	Compact and powerful smart vision products
13:45		**Q&A Session:** Smart Cameras
SESSION 6		**Embedded Vision**
14:00	VC vision components	The miniaturization of embedded vision solutions
14:25	sensor to image	Off-the-shelf FPGA IP cores for cameras and embedded vision
14:50	LUCID	All-in-one industrial edge computing SoC camera
15:15		**Q&A Session:** Embedded Vision
15:30	emva	EMVA Vision Pitches – Part 4
16:00	aws, emva, intel, XILINX	**Panel Discussion:** Machine vision 2025: At the edge or in the cloud?

Day 3: World of 3D
Thursday, 2. December

Time		Session
09:15	emva	Welcome
09:20	Fraunhofer IOF	**Keynote:** 3D-Multimodal imaging – status quo & developments
SESSION 7		**Robot Vision**
10:00	BASLER	Transform robotics with the power of sight
10:25	VISION	Light field for complex 3D robot vision tasks.
10:50	SENSOPART	Simple spatial orientation for 3D robot vision
11:15	MATRIX VISION	How to simplify your robot application using a smart 3D camera
11:40		**Q&A Session:** Robot Vision
12:00	emva	EMVA Vision Pitches – Part 5
SESSION 8		**Profile Sensors**
12:30	wenglor	Profile sensor features for easy integration
12:55	photon focus	High-precision laser line detection with FPGA programming
13:20	Automation Technology	How modular profile sensors open up new horizons for 3D
13:45		**Q&A Session:** Profile Sensors
SESSION 9		**Bin Picking**
14:00	optonic	Industry proven bin picking solution with easy to use GUI
14:25	ZIVID	Unleashing the potential in on-arm mounted 3D vision robotics
14:50	ISRA VISION	Bin Picking for faster performance and commissioning
15:15		**Q&A Session:** Bin Picking
15:30	emva	EMVA Vision Pitches – Part 6
16:00	GIDEON, ifm, MiR, SICK	**Panel Discussion:** 3D for autonomous mobile robotics

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