

PRESS RELEASE

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Review 5th European Machine Vision Forum in Cork, Ireland

Unique interchange between research and industry continues 2023 in the Netherlands

Barcelona, November 11th, 2022. Organized by the European Machine Vision Association, the fifth European Machine Vision Forum end of October in Cork/Ireland once again brought together industry and academic machine vision experts in a unique setting.

Through the hosting Tyndall Institute, the European Machine Vision Forum became a door opener of its own kind for all attendees for a deep dive into the vivid Irish Vision Tech Ecosystem covering both academic and industrial activities. This included a broad spectrum of vision-tech activities ranging from driver assistance and autonomous driving to manufacturing and quality assurance of microelectronics; all in top-notch equipped research and production facilities.

One highlight of the conference agenda was the Keynote on Terahertz Light-Field Imaging given by Professor Ullrich Pfeiffer from the University of Wuppertal who discussed challenges in beam generation and sensing as well as evaluation and introduced new approaches to solve these encounters which could also give new impulse in the visible light spectrum. The broad spectrum of machine vision technology was further covered by

presentations dealing with multi-/hyperspectral image acquisition as well as real-time 3D data acquisition; high quality components for image acquisition; but also energy efficiency as a growing requirement as well as hardware support for machine vision algorithms which was highlighted in the second Keynote presenting emerging photonic platforms for developing optical non-von Neumann computing devices. Furthermore, the list of topics also included the currently very heavily researched topic of machine learning with neuronal networks. Here it was shown how this promising approach can be brought together with proven concepts, e.g. from measurement technology and computer science.

The 6th European Machine Vision Forum is already scheduled to take place 2023 in Wageningen/The Netherlands in cooperation with Wageningen University and Research. More details will be announced soon.

Social Media feedback post of a 2022 participant in Cork/Ireland:

“Enriching presentations on current vision topics coupled with insights into local Irish research, industry and (pub) culture - the 5th European Machine Vision Forum in Cork was definitely worth the trip!

I am already looking forward to the next forum at Wageningen University.”

About the European Machine Vision Forum

The European Machine Vision Forum is an annual event of the European Machine Vision Association - EMVA. The aim is to foster interaction between the machine vision industry and academic research to learn from each other, discuss the newest research results as well as challenges from applications, learn about emerging application fields, and to discuss research cooperation between industry and academic institutes. The overall aim is to accelerate innovation by translating new research results faster into practice. The forum is directed to scientists, development engineers, software and hardware engineers, and programmers both from research and industry.

About EMVA

Founded in 2003, the European Machine Vision Association (EMVA) is a non-for-profit and non-commercial association representing the Machine Vision industry in Europe that is open for all types of organizations having a stake in machine vision, computer vision, embedded vision or imaging technologies: manufacturers, system and machine builders, integrators, distributors, consultancies, research organizations and academia. The EMVA hosts four international vision standards, and all members – as the 100% owners of the association – benefit from the dedicated networking, standardization, and cooperation activities of the EMVA.

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