

PRESS RELEASE

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September 14th, 2023

6th European Machine Vision Forum in Wageningen, the Netherlands

Focal Topic addresses Real-world Machine Vision Challenges – Coping with Variability and Uncontrolled Environments

Barcelona, September 14th, 2023. The sixth European Machine Vision Forum, hosted by the EMVA, on October 12th and 13th in Wageningen, the Netherlands, will once again bring together machine vision experts from academia and industry for mutual exchange in a unique setting. The on-site host this year is Wageningen University & Research.

This year's focal topic is 'Real-world machine vision challenges - coping with variability and uncontrolled environments'. The organizational director of the forum, Professor Michael Heizmann, explains the background: *'The European Machine Vision Forum offers a very special platform for exchange between representatives of industry and research. Under this year's focal topic, practical challenges in the implementation of machine vision solutions will be addressed. These include, among others, possible disturbances during image acquisition as well as variabilities in the inspection task or in the sensor technology. The speeches and poster papers will present possible solutions to these challenges.'*

Three keynote lectures will also address the focus topic. Prof. Christophe Cudel from the Université Haute-Alsace in Mulhouse (France) will report on the use of light field cameras in

visual navigation. The talk by Prof. Alfred M. Bruckstein of Technion in Haifa (Israel) will focus on the transfer of human perceptual patterns when viewing moving images to image processing systems. Last but not least, Dr. Albert J. P. Theuwissen of Harvest Imaging in Bree (Belgium) will discuss opportunities for integrating computational units into modern CMOS image sensors.

As a special program highlight, the section 'Agro Food Robotics' of Wageningen University & Research invites to a campus tour, where current research projects and applications, not limited to agricultural technology, can be experienced directly. Inspiring pitches and demos by PureSpectra and OnePlanet, amongst others, give examples of the Dutch machine vision ecosystem.

For more information on the forum, visit <https://european-forum-emva.org>. Registration for one of the few remaining seats for the forum is also possible there. Also, sponsorship of the event is still possible at the moment for interested companies.

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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