WELCOME TO THE EMBEDDED VISION EUROPE

The European Machine Vision Association (EMVA) and the trade show VISION welcome you to first European conference on embedded vision, the Embedded VISION Europe at the ICS International Congress Center in Stuttgart, Germany.

Embedded VISION Europe 2017 is the only conference in Europe with a focus exclusively on this disruptive technology. Top-notch presentations give insights into state-of-the-art hardware and software platforms, new image acquisition devices and upcoming standards. Applications and markets for embedded vision are outlined through a number of case studies. The conference creates a platform for the exchange of information and peer-to-peer networking.

The conference is hold in English language and is organized jointly by the EMVA and Messe Stuttgart, organizer and hosts of the biannual international trade show VISION.

The first Embedded VISION Europe targets developers and users of embedded vision technologies from all industries. The conference is accompanied by an exhibition of technology-leading companies ready to showcase their embedded vision expertise through products and applications.

THANK YOU

We would like to thank our sponsors for their kind support.

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embedded VISION europe
2017

12. – 13.10.
EUROPEAN EMBEDDED VISION CONFERENCE
ICS Stuttgart, Germany

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THURSDAY, OCTOBER 12TH, 2017

12:00 - 13:00 **Registration & Networking Lunch**
Technology Showcase area opens | 1st B2B prescheduled face-to-face meeting session.

13:00 - 13:15 **Opening**
Gabriele Jansen – Vision Ventures,
Member of the EMVA Board of Directors

13:15 - 14:00 **Keynote**
Innovations in embedded vision processing
Raj Talluri – Qualcomm Technologies

14:00 - 14:30 **Networking Coffee Break**
Networking | B2B meetings

14:30 - 15:00 **Demystifying embedded vision processing architectures**
Marco Jacobs – Videantis

15:00 - 15:30 **Low-cost edge-based deep learning inference and computer vision in consumer and industrial devices**
David Moloney – Intel

15:30 - 16:00 **Accelerating embedded vision and machine learning applications at the edge**
Giles Peckham – Xilinx

16:00 - 16:30 **Networking Coffee Break**
Networking | B2B meetings

16:30 - 16:50 **Miniaturization of digital eyes, micro camera modules for IoT and other embedded vision solutions**
Martin Wäny – AMS/Awaiba

THURSDAY, OCTOBER 12TH, 2017 (CONTINUED)

16:50 - 17:10 **Bringing machine vision performance to embedded systems – Camera modules with advanced image pre-processing for embedded vision**
Paul Maria Zalewski – Allied Vision Technologies

17:10 - 17:30 **High performance imaging for time-of-flight and spectral sensing**
Hans Ebinger – ESPROS Photonics

17:30 - 17:50 **Embedded vision standards**
Jochem Herrmann – Adimec,
Member of the EMVA Board of Directors

17:50 - 20:00 **Networking Happy Hour**
Networking | B2B meetings | Finger Food (end at 20:00)

FRIDAY, OCTOBER 13TH, 2017

08:30 - 09:00 **Networking**
Networking | B2B meetings

09:00 - 09:45 **Keynote**
Enabling computer vision and deep learning for real life
Alex Myakov – Intel

09:45 - 10:15 **How to get the best out of heterogeneous system architectures for vision applications**
Harris Gasparakis – AMD

FRIDAY, OCTOBER 13TH, 2017 (CONTINUED)

10:15 - 10:45 **Deep learning and vision algorithm development targeting embedded GPUs**
Alexander Schreiber – The MathWorks

10:45 - 11:15 **Networking Coffee Break**
Networking | B2B meetings

11:15 - 11:45 **Deep learning for machine vision**
Olivier Despont – Cognex

11:45 - 12:05 **Use case: New image processing paradigm in embedded vision – Camera-integrated 3D laser triangulation**
Thomas Däubler – NET

12:05 - 12:25 **Use case: The brain in the machine vision camera – embedded FPGA imaging in practice**
Klaus-Henning Noffz – Silicon Software

12:25 - 12:45 **Use case: Democratizing deep learning – a low cost food product identification approach designed for embedded devices**
Vassilis Tsagaris – IridaLabs

12:45 - 15:00 **Networking Lunch**
Networking | B2B meetings | Finger Food (end at 15:00)

Opening hours Technology Showcase area:
Thuesday: 12:00 - 20:00
Friday: 8:00 - 15:00