

## Workshop

### Industrial Machine Vision Meets Artificial Intelligence and Embedded Systems

#### Program

Time	Topic
14:45 h	<b>Registration, Welcome Coffee</b>
15:00 h	<b>Introduction to the workshop</b> Udo Birk and Gion Sialm, FH Graubünden
15:05 h	<b>Towards AI in Industrial Machine Vision</b> Udo Birk, Institute for Photonics and Robotics, FH Graubünden
15:10 h	<b>AI in Embedded Vision</b> Noel Frey, Institute for Photonics and Robotics, FH Graubünden
15:20 h	<b>Applied AI Vision: A Landscape</b> Gion Sialm, Head of AI Space and Institute DAViS, FH Graubünden
14:35 h	<b>Live Demonstrations and AI Vision Showroom</b>  Live Demonstrations <ul style="list-style-type: none"><li>- Gesture Recognition</li><li>- Segmentation and Object Detection</li><li>- Case Study: Quantitative Assessment of Storm Induced Windfall</li><li>- Defect Detection</li><li>- Counting People</li><li>- Traffic Surveillance</li></ul> Kiosk: Joint R&D Projects, Bachelortheses, etc. <ul style="list-style-type: none"><li>- Discuss your project ideas</li></ul>
15:45 h	<b>Discussion: Industrial Expectations for Future Engineers</b>
16:55 h	<b>Closing Remarks</b>
17:00 h	<b>Apéro</b> <ul style="list-style-type: none"><li>- Want to discuss next steps for your project ideas?</li><li>- Networking</li></ul>