



17.–18. November on the Internet


i-edge
intelligent edge
conference

Europe's Conference on Edge AI, Embedded AI and Industrial Edge

Edge AI brings data intelligence from the cloud back to the edge, into the embedded system or gateway – and is regarded as one megatrend of the next decade. With 30 speakers from industry and science, the intelligent edge conference offers engineers, tech management and product managers a high-quality knowledge platform to get ready for the AI decade.

17. November

<p>09:00 Delivering Milliwatt AI to the Edge with Ultra-Low Power FPGAs <i>Matt Holdsworth Lattice Semiconductors</i></p>
<p>09:45 Machine Learning Based Sensors are Changing the World <i>Klaus-Dieter Walter SSV</i></p>
<p>10:30 Performance Analysis and Bottlenecks of AI on the Edge <i>Lukasz Grzymkowski Arrow</i></p>
<p>11:15 Guiding AI to the Application Edge <i>Dr. Nicolas Lehment NXP</i></p>
<p>12:00 Keynote Machine Learning on the Edge: Anything but State-of-the-Art <i>Prof. Dr. Oliver Niggemann Helmut-Schmidt-Universität / Universität der Bundeswehr Hamburg</i></p>
<p>13:15 Science Lunch Talk Silicon Brains und Neuromorphic Computing <i>Prof. Dr.-Ing. Christian Mayr University of Dresden</i></p>
<p>13:45 Enhancing Embedded Software Systems with Artificial Intelligence <i>Jasmin Jahic University of Cambridge</i></p>
<p>14:30 AI at the Edge – Enabling Time Critical Video Analytics <i>Marco Krause Adlink</i></p>
<p>15:15 Integrating Connectivity, Computing, and Peripheral Functions at the IoT Edge <i>Robert Conant Infineon</i></p>
<p>16:00 MIOTY – The New LPWAN Standard for Sub-1 GHz Communication <i>Elin Wollert Texas Instruments</i></p>
<p>16:45 Focus on the Edge <i>Muhammad Shafique Mentor, a Siemens Business</i></p>
<p>17:30 End</p>

18. November

	Track 1	Track 2
Parallel Seminars in the Morning	<p>09:00 DevOps for Machine Learning at the Edge <i>Veronika Zellner Microsoft</i></p>	<p>09:00 Concepts for Solving the IoT Puzzle <i>Ralf Pühler Kuda</i></p>
	<p>09:45 Running AI Application on Limited-Resource Hardware <i>Quang Hai Nguyen Arrow</i></p>	<p>09:45 AutoML – A Game Changer for Scaling Machine Learning in Production <i>Tobias Gaukstern Weidmüller</i></p>
	<p>10:30 How 5G/TSN/Edge will Shape the Future of Industrial Networking <i>Dr.-Ing. Alexander Willner Fraunhofer FOKUS (virtuell)</i></p>	<p>10:30 Digital Twins - Model and Optimize the Reality with Graphs <i>Oliver Niedung Microsoft</i></p>
	<p>11:15 Ethernet to the Edge in Industrial Systems <i>Fiona Treacy ADI</i></p>	<p>11:15 The Edge and Smart Motors: Decentralized Automation Concepts without PLC <i>Markus Weishaar Dunkermotoren</i></p>
<p>12:00 Keynote How a Cloud/Edge Paradigm is Disrupting the Automation Industry and Why Software is a Key Success Driver <i>Johannes Boyne Boston Consulting Group</i></p>		
<p>13:15 Economy Lunch Talk AI and 5G – What's Happening? <i>Robert Cohen Economic Strategy Institute</i></p>		
Parallel Seminars in the Afternoon	<p>13:45 Research project AlfES: Embedded AI, Hierarchical Models and Grey-box Approaches <i>Dr. Pierre Gembaczka Fraunhofer IMS</i></p>	<p>13:45 Condition Monitoring Lösungen für Anlagen unter Betrachtung geeigneter Datenübertragungstechnologien  <i>Thomas Schildknecht Schildknecht AG</i></p>
	<p>14:30 Designing an AI Enabled Camera Device for the Edge <i>Dieter Kiermaier Arrow</i></p>	<p>14:30 Reproducible Data Science with a Narrative Focus <i>Dr. rer. nat. Nikolai Hlubek Bürkert Fluid Control Systems</i></p>
	<p>15:15 SMART NEURO CHIP – Deep-Learning Computing on the Edge <i>Johannes Traxler EYYES</i></p>	<p>15:15 Functional Safety with AI <i>Frank Poignée infoteam SET</i></p>
	<p>16:00 5G/AI/Edge Computing - Data management Challenges, Technologies and Architectures <i>David Nguyen Raima</i></p>	<p>16:00 5G, AI and Heterogeneous Computing <i>Dominik Bohn Atlantik Elektronik</i></p>
	<p>16:45 Factory Digitization through Decentralized Edge Computing in Practice <i>Oliver Stollmann Actyx</i></p>	<p>16:45 An Edge AI Case & Lessons Learned <i>Alexander Samuelsson imagimob</i></p>
<p>17:30 End</p>		

