

Agenda  
**OSADL Networking Day 2023**

June 14, 2023

Conference Center of DJH Youth Hostel Heidelberg International

Room "Heidelberg 1-3"

Tiergartenstraße 5 - 69120 Heidelberg, Germany

**"AI in industrial automation"**

<b>08:30 – 09:00</b>	<b>Get together</b>
09:00 – 09:15	Welcome and introduction <i>Dr. Carsten Emde, OSADL</i>
09:15 – 10:00	Keynote: AI system engineering, industrial dataspace and digital twins – how does this all fit together? <i>Dr.-Ing. Thomas Usländer, Fraunhofer IOSB</i>
	<b>Topic 1: Legal</b>
10:00 – 10:30	Legal aspects of AI in industry <i>Dr. Lisa Käde, Center for Applied Legal Studies (ZAR) of the Karlsruhe Institute of Technology (KIT)</i>
<b>10:30 – 11:00</b>	<b>Coffee break</b>
	<b>Topic 2: Ethical aspects, safety and software development</b>
11:00 – 11:30	Ethical aspects of AI <i>Prof. Dr. Paul Lukowicz, German Research Center for Artificial Intelligence (DFKI), Head of the Research Department Embedded Intelligence</i>
11:30 – 12:00	The safety related AI challenge - What could a compliance route look like? <i>Nicholas Mc Guire, OpenTech</i>
<b>12:00 – 13:00</b>	<b>Lunch break</b>
	<b>Topic 3: Practical use cases I</b>
13:00 – 13:45	GitHub Copilot: Legal and practical aspects <i>Caren Kresse and Dr. Carsten Emde, OSADL</i>

13:45 – 14:30	Standardization and development of ONNX (Open Neural Network Exchange) within the LF AI & Data community <i>Dr. Andreas Fehlner, Trumpf Laser</i>
<b>14:30 – 15:00</b>	<b>Coffee break</b>
	<b>Topic 4: Practical use cases II</b>
15:00 – 15:30	The challenges of hardware accelerated AI on embedded systems: Experiences from the implementation in practice on i.MX 8M Plus <i>Ing. Stefan Hager, BSc. MMSc., Ginzinger electronic systems</i>
15:30 – 16:00	Artificial intelligence enhancing sensor systems for improved usability and robustness <i>Dr. Andreas Fehlner, Trumpf Laser</i>
16:00 – 16:30	intelliGuide: An AI and computer vision based HMI <i>Julian Vogel, HOMAG Plattenaufteiltechnik</i>
<b>16:30</b>	<b>End of conference</b>
16:45	Bus shuttle from DJH Youth Hostel to Haus der Astronomie (House of Astronomy)
17:30	<b>Journey through the Universe, Haus der Astronomie (House of Astronomy)</b> MPIA-Campus, Königstuhl 17, 69117 Heidelberg, Germany, <a href="https://www.haus-der-astronomie.de/en">https://www.haus-der-astronomie.de/en</a>
Subsequently:	Bus shuttle from House of Astronomy to the restaurant (with stops at DJH Youth Hostel for car pick-up and at Heidelberg railway main station).
From 19:15	<b>Dinner at the brewery restaurant “Vetter’s Alt Heidelberger Brauhaus”</b> Steingasse 9, 69117 Heidelberg, <a href="https://www.brauhaus-vetter.de/en">https://www.brauhaus-vetter.de/en</a> (Closest parking possibility: Parking garage P13 Karlsplatz/Rathaus, Karlsplatz, 69117 Heidelberg)
<b><i>The conference language is English, all presentation material will be in English. Please note: This agenda is still preliminary and may need to be updated.</i></b>	