

Agenda
OSADL Networking Day 2025
June 26, 2025

Conference Center of DJH Youth Hostel Heidelberg International
Room "Heidelberg 1-3"
Tiergartenstraße 5 - 69120 Heidelberg, Germany

Tools for Embedded Software Engineering
- Compliance, Quality Testing, Security -

08:30 – 09:00	Get together
09:00 – 09:10	Welcome and introduction <i>Jan Altenberg, Dr. Carsten Emde and Caren Kresse, OSADL</i>
09:15 – 10:00	Keynote: In principle simple - BUT! How to get more commitment, gain of knowledge and mature teams <i>Peter Siwon, Systemisches Projektmanagement</i>
10:00 – 10:30	Compliance: Composing a FOSS compliance toolchain: Requirements, techniques and examples <i>Caren Kresse, OSADL</i>
10:30 – 11:00	Coffee break
11:00 – 11:45	Quality testing: Tools for quality assessment of hardware and software of Linux based embedded systems <i>Chris Fiege, Pengutronix</i>
11:45 – 12:30	Security: Embedded Linux security exemplified on the secure platform GyroidOS <i>Felix Wruck, Fraunhofer Institute for Applied and Integrated Security AISEC</i>
12:30 – 13:30	Lunch break

13:30 – 14:45	Parallel breakout sessions – Part 1
	<p>→ Compliance breakout session 1 License compliance with FOSSA: The why and the how <i>Lukas Panni, SEW-EURODRIVE</i></p>
	<p>→ Quality testing breakout session 1: Introduction to Labgrid and its practical use for automated testing <i>Chris Fiege, Pengutronix</i></p>
	<p>→ Security breakout session 1: Threat modeling for an embedded system: How to conduct a workshop <i>Sven Strittmatter, iteratec</i></p>
14:45 – 15:15	Coffee break
15:15 – 16:30	Parallel breakout sessions – Part 2
	<p>→ Compliance breakout session 2: FOSS compliance toolchain from scratch to SBOM <i>Dr. Carsten Emde and Caren Kresse, OSADL</i></p>
	<p>→ Quality testing breakout session 2 OSADL QA Farm: Long-term quality assessment of embedded Linux systems <i>Jan Altenberg and Alexander Bähr, OSADL</i></p>
	<p>→ Security breakout session 2 How to develop IEC 62443 certified components with Open Source software <i>Florian Kauer, Linutronix</i></p>
16:30 – 16:45	Recap <i>All</i>
16:45	End of conference
17:00	Bus shuttle from DJH Youth Hostel to Kochschule Eppelheim cookst Du!
From approx. 17:30	Joint dinner cooking event at Kochschule Eppelheim cookst Du! (Culinary School Eppelheim), Handelsstraße 2, 69214 Eppelheim, www.kochschule-eppelheim.de/en/ Parking possibilities: There is a limited number of parking spaces available at the culinary school and nearby.
After cooking event	Return bus shuttle from Eppelheim to Heidelberg with stops at Heidelberg main station, DJH Youth Hostel for car pick-up, Hotel Bergheim 41 and Bismarckplatz
<p><i>The conference language is English, all presentation material will be in English. Please note: This agenda is still preliminary.</i></p>	