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 Room Heidelberg 1-3	**Welcome and introduction** *Jan Altenberg, Dr. Carsten Emde and Caren Kresse, OSADL*
09:15 – 10:00 Room Heidelberg 1-3	**Keynote:** In principle simple - BUT! How to get more commitment, gain of knowledge and mature teams *Peter Siwon, Systemisches Projektmanagement*
10:00 – 10:30 Room Heidelberg 1-3	**Compliance:** Composing a FOSS compliance toolchain: Requirements, techniques and examples *Caren Kresse, OSADL*
10:30 – 11:00	**Coffee break**
11:00 – 11:45 Room Heidelberg 1-3	**Quality testing:** Tools for quality assessment of hardware and software of Linux based embedded systems *Chris Fiege, Pengutronix*
11:45 – 12:30 Room Heidelberg 1-3	**Security:** Embedded Linux security exemplified on the secure platform GyroidOS *Felix Wruck, Fraunhofer Institute for Applied and Integrated Security AISEC*
12:30 – 13:30	**Lunch break**

13:30 – 14:45	**Parallel breakout sessions – Part 1**
Room Heidelberg 1+2	**→ Compliance breakout session 1** License compliance with FOSSA: The why and the how *Lukas Panni, SEW-EURODRIVE*
Room Amsterdam (1st floor)	**→ Quality testing breakout session 1:** Introduction to Labgrid and its practical use for automated testing *Chris Fiege, Pengutronix*
Room Heidelberg 3	**→ Security breakout session 1:** Threat modeling for an embedded system: How to conduct a workshop *Sven Strittmatter, iteratec*
14:45 – 15:15	*Coffee break*
15:15 – 16:30	**Parallel breakout sessions – Part 2**
Room Heidelberg 1+2	**→ Compliance breakout session 2:** FOSS compliance toolchain from scratch to SBOM *Dr. Carsten Emde and Caren Kresse, OSADL*
Room Amsterdam (1st floor)	**→ Quality testing breakout session 2** OSADL QA Farm: Long-term quality assessment of embedded Linux systems *Jan Altenberg and Alexander Bähr, OSADL*
Room Heidelberg 3	**→ Security breakout session 2** How to develop IEC 62443 certified components with Open Source software *Florian Kauer, Linutronix*
16:30 – 16:45 Room Heidelberg 1-3	**Recap** *All*
16:45	*End of conference*
17:00	Bus shuttle from DJH Youth Hostel to Kochschule Eppelheim cookst Du!
From 17:30 to approx. 22:30	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.
21:30 and 22.30	Return bus shuttles from Eppelheim to Heidelberg with stops at Heidelberg main station, Bismarckplatz and DJH Youth Hostel for car pick-up. If you have to leave earlier to reach your train, please contact us on the day of the event and we'll organize an individual return journey back to Heidelberg main station.

The conference language is English, all presentation material will be in English.