# COOL

**COMPACT OSADL ONLINE LECTURES**

## Overview January to April 2025

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| **COOL** Legal edition | **COOL January 2025 edition**<br>**Open Source compliance: Technical must-knows for legal experts**<br>**Wednesday, January 29, 2025, 2pm to 4pm** CET |
| 2:00pm to 3:30pm CET: | **Basic concepts of creating and running a computer program and software tools for legal evaluations**<br>• What is "booting a computer"?, *Jan Altenberg, OSADL*<br>• The terminal, shell command line and directory tree, *Alexander Bähr, OSADL*<br>• Binary encoding of strings, *Dr. Carsten Emde, OSADL*<br>• Computer language: Source code, assembly, binary code, dependencies and package management, *Caren Kresse, OSADL*<br>• Git: A distributed version control system, *Caren Kresse, OSADL*<br>• Function calls, derivative work and callgraphs, *Dr. Carsten Emde, OSADL* |
| 3:30pm to 4:00pm CET: | **Discussion and possibility to ask questions** |
| **COOL** Technical edition | **COOL February 2025 edition**<br>**Understanding and using eBPF of the Linux kernel**<br>**Wednesday, February 26, 2025, 2pm to 4pm** CET |
| 2:00pm to 2:45pm CET: | **Theoretical part:** Understanding and using eBPF of the Linux kernel, *Jan Altenberg, OSADL* |

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| 2:45pm to 3:30pm CET: | **Practical part:** Analyzing and optimizing system performance with eBPF, *Jan Altenberg, OSADL* |
| 3:30pm to 4:00pm CET: | **Discussion and possibility to ask questions** |

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| **COOL**<br>Legal edition | **COOL March 2025 edition**<br>**Copyright aspects of training and using AI**<br>**Wednesday, March 26, 2025, 2pm to 4pm** CET |
| 2:00pm to 2:45pm CET: | **Part I:** Copyright issues with training and using Artificial Neural Networks (ANNs), *Dr. Lisa Käde, JBB Rechtsanwälte* |
| 2:45pm to 3:30pm CET: | **Part II:** Training generative AI: Challenges of mining copyrighted works, *Caren Kresse, OSADL* |
| 3:30pm to 4:00pm CET: | **Discussion and possibility to ask questions** |

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| **COOL**<br>Technical edition | **COOL April 2025 edition**<br>**Industrial I/O subsystem of the Linux kernel**<br>**Wednesday, April 30, 2025, 2pm to 4pm** CEST |
| 2:00pm to 2:45pm CEST: | **Theoretical part:** The Industrial I/O subsystem (IIO): Integrating sensors in Linux, *Andreas Klinger, IT Klinger* |
| 2:45pm to 3:10pm CEST: | **Practical part I:** IIO from a users' perspective, *Andreas Klinger, IT Klinger* |
| 3:10pm to 3:30pm CEST: | **Practical part II:** Practical examples from the OSADL QA farm, *Alexander Bähr, OSADL* |
| 3:30pm to 4:00pm CEST: | **Discussion and possibility to ask questions** |

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**More information: www.osadl.org/COOL**