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Courses SS2025
Telecommunications Lab

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SIC Saarland Informatics Campus

Internet Transport

- Core- / Advanced Lecture 9CP (4L2T)
  - Tuesdays 12:15–13:45, Wednesdays 10:15–11:45, **Start April 8th**
  - Lectures & Tutorials: **C6 3 9.05**
  - Assignments & Quizzes: **UdS-Moodle** (100% paperless)
- All major components of Internet Transport
  - From MAC- to Application-Layer, Focus on Latency- and Resilience-Awareness
  - Congestion- & Flow Control, Adaptive Hybrid-ARQ, Deep Learning for Error Coding
- …and the underlying mathematical foundations
  - Markov-Chains, Gilbert-Elliot Erasure Channel Models, MDS- and LDPC-Coding, Residual Error Rate and Delay-Budget Calculation
- **Registration mandatory via Moodle**: https://moodle.uni-saarland.de/enrol/index.php?id=10641
  - You should also join the MS-Teams Team for discussions!
  - Information is also on the Computer Science CMS!