

MCM 2015

Munich Workshop on Coding and Modulation

July 30 & 31

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Welcome to MCM 2015!

The mission of the **Munich Coding and Modulation Workshop** is to bring together researchers from the fields of code design, digital communication, and information theory for in-depth discussions on how to achieve high rate and reliable communication over noisy channels. The workshop consists of invited technical talks, coffee breaks for discussions, and a social program to network and to enjoy summertime in Munich. The workshop will be held at the Institute for Communications Engineering, Technische Universität München.

We look forward to seeing you in Munich!

Gianluigi Liva, Georg Böcherer, Gerhard Kramer

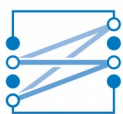
Topics of interest

- Non-binary LDPC and Turbo codes
- Spatially coupled codes
- Polar codes
- Lattice codes
- Decoding for short block lengths

With a special emphasis on

- Approaching capacity
- High-order modulation
- Signal shaping
- Error correction on practical channels

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