



15th International ITG Conference on Systems, Communications, and Coding

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Call for Papers

Organizing Committee

• General co-chairs:

Armin Dekorsy
Dirk Wübben
Universität Bremen

• Technical Program Committee

Chair:
Robert Fischer
Universität Ulm

• Information:

For information, please refer to the website
scc2027.uni-bremen.de
or contact us
scc2027@ant.uni-bremen.de

Tutorials

The conference will feature complementary tutorials on March 15th.

Tutorial speakers and topics will be announced via the website
scc2027.uni-bremen.de

Paper Submission

Prospective authors are invited to submit full-length, six-page papers, including figures and references, in English for peer review. Accepted papers will be published at IEEE *Xplore*. Guidelines are available at
scc2027.uni-bremen.de

Scope and Objectives:

SCC is a biannual conference and organized by the Information Technology Society (ITG) of the Association for Electrical, Electronic and Information Technologies (VDE). The conference aims at bridging the gap between theory and applications as well as different communities working on communications.

The 15th SCC will take place in Bremen, Germany, from March 15th to 18th, 2027.

We encourage contributions from both academia and industry presenting original work in various fields of communications like:

- wireless communications (cellular, satellite, vehicular)
- optical communications
- sensor networks, Internet-of-Things (IoT) communications
- industrial radio, low-latency & ultra-reliable communications
- massive communications
- cloud and fog-based RANs
- distributed (storage) systems
- communications and control

Topics of interest include, but are not limited to:

- information and coding theory
- source and channel coding, semantic communications
- communication theory, detection, and estimation
- cryptography, privacy, and security
- cooperative communications and network coding
- machine learning and artificial intelligence for communications
- energy efficient and sustainable communications
- resource management and interference handling
- localization and navigation, integrated sensing and communications
- smart antennas and intelligent reflecting surfaces in communications
- quantum information processing and quantum communications
- molecular communications and biology-inspired data storage

Dates

Paper submission deadline:	Oct. 16 th , 2026
Notification of acceptance:	Jan. 8 th , 2027
Final manuscript and author registration:	Feb. 5 th , 2027