



Universität Hamburg
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VDE ITG

ITG CONFERENCE ON SPEECH COMMUNICATION 2027

15 – 17 SEPTEMBER, 2027 | HAMBURG

CALL FOR PAPERS

SCOPE

The 17th ITG conference on Speech Communication solicits contributions on theory, algorithms, and applications in the following areas of speech, audio, and spoken language processing:

- Speech production and perception
- Speech modeling, coding and transmission
- Representation learning, self-supervised learning and foundation models
- Generative models for speech and audio
- Speech and audio language models
- Speech enhancement, separation, dereverberation and echo control
- Source localization, tracking and sensor array processing
- Spatial audio, room acoustics and auralization
- Automatic speech recognition, speaker recognition and diarization
- Speech synthesis and voice conversion
- Spoken interaction, dialogue and retrieval systems
- Speech quality and intelligibility assessment
- Speech translation and multilingual/low-resource speech
- Paralinguistics, speech diagnostics and speech-related biosignals
- Privacy, security and forensics in speech and audio
- Audio-visual and multimodal speech processing
- Detection and classification of acoustic scenes and events
- Acoustic interfaces, assistive devices and hearing aids
- Speech in automotive, mobile and multimodal applications
- Efficient and on-device speech processing
- Datasets, benchmarks and evaluation methodology

TECHNICAL PROGRAM COMMITTEE

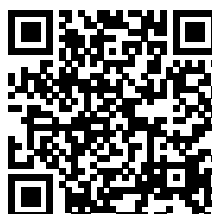
- T. Gerkmann (Chair), University of Hamburg
- N. Madhu (TPC Chair), HSU Hamburg
- E. Habets (Co-Chair), Audiolabs Erlangen
- C. Antweiler, RWTH Aachen University
- S. Doclo, Universität Oldenburg
- G. Enzner, Universität Oldenburg
- T. Fingscheidt, TU Braunschweig
- H.-W. Gierlich
- R. Häb-Umbach, Universität Paderborn
- P. Jax, RWTH Aachen University
- W. Kellermann, FAU Erlangen-Nürnberg
- D. Klakow, Universität des Saarlandes
- D. Kolossa, TU Berlin
- R. Koning, Advanced Bionics
- G. Kubin, TU Graz
- H. Löllmann, FAU Erlangen-Nürnberg
- R. Martin, Ruhr-Universität Bochum
- B. Meyer, Universität Oldenburg
- S. Möller, TU Berlin
- H. Puder, WS Audiology
- R. Schlüter, RWTH Aachen University
- G. Schmidt, CAU Kiel
- B. Schuller, Universität Augsburg
- T. Schultz, Universität Bremen

PAPER SUBMISSION AND DEADLINES

- Full paper submission: **June 9, 2027**
- Notification of acceptance: **TBD**
- Submission of final print version: **TBD**
- Papers must be written in English and may not exceed 4 pages, plus an additional page for references
- Accepted papers will be published by the VDE Verlag and will be made available on IEEE Xplore
- More information for authors: <https://uhh.de/inf-sp-itg2027>

VENUE

- The conference will be held in the University of Hamburg's newly built „House of Informatics“, conveniently located in the center of Hamburg
- Address: Bundesstr. 56b, 20146 Hamburg



Scan for news and further details
<https://uhh.de/inf-sp-itg2027>

CONFERENCE SECRETARIAT

UNIVERSITY OF HAMBURG
SIGNAL PROCESSING GROUP
ITG27.INF@UNI-HAMBURG.DE
+49 (40) 2395-20014
WEBSITE: [UHH.DE/INF-SP-ITG2027](https://uhh.de/inf-sp-itg2027)