



IEEE IS²

We are pleased to invite you to the 6th IEEE International Symposium on the Internet of Sounds (IEEE IS² 2025). The Internet of Sounds is an emerging research field at the intersection of the Sound and Music Computing and the Internet of Things domains.

The symposium will be hosted at the Centro Congressi "Luigi Zordan" in the vibrant city of L'Aquila, Italy, known for its rich history, dynamic culture, and rapidly growing technology sector.

The aim is to bring together academics and industry to investigate and advance the development of Internet of Sounds technologies by using novel tools and processes.

The event will consist of presentations, keynotes, panels, poster presentations, demonstrations, tutorials, music performances, and installations.

We invite the submission of:

- Full papers (5-10 pages)
- Poster papers (2-4 pages)
- Demonstrations (2 pages)

Authors are welcome to submit to all three tracks. We encourage the submission of work in progress as well as more mature work. However, only the accepted contributions of at least 4 pages are eligible for inclusion in the conference proceedings to be submitted to IEEE.

IMPORTANT DATES

Submission Deadline: July 1, 2025

Notification of Acceptance: September 1, 2025

Camera Ready Papers Due: October 1, 2025

Early registration deadline: October 2, 2025

Late registration deadline: October 15, 2025

internetofsounds2025.ieee-is2.org



6th IEEE International Symposium on the Internet of Sounds

29-31 October 2025 - L'Aquila, Italy

CALL FOR PAPERS

Topics of interest include and are not limited to:

- Wireless acoustic sensor networks
- Web Audio
- Networked music performances
- Networked immersive audio
- Embedded systems for audio applications
- 5G/6G architectures for the Internet of Sounds
- Music information retrieval in networked applications
- Ecoacoustics
- Detection and classification of sounds in acoustic sensor networks
- Networked Musical XR
- Semantic Audio applications for the Internet of Sounds
- Sonification for Internet of Sounds applications
- Smart musical instruments
- Ubiquitous music
- Audio packet loss concealment methods
- Participatory live music performances
- Musical haptics for the Internet of Musical Things
- Music education applications for the Internet of Musical Things
- Intelligent music production in Internet of Musical Things contexts
- Protocols and exchange formats for the Internet of Sounds
- Energy-Efficient and Green Networking for the Internet of sounds
- Internet of Sounds networks and protocols
- Privacy and security in acoustic sensor networks
- Audio datasets for Deep Learning and Data Mining
- Challenges in the management and delivery of large audio databases
- Visualization, access, and indexing of audio databases
- Cloud-based services for musical and audio applications
- Improving accessibility and inclusiveness within the Internet of Sounds
- Sustainability and ethical aspects of the Internet of Sounds
- Brain-Computer Interfaces for the Internet of Sounds
- Model compression (quantization, knowledge distillation) for real-time AI for audio
- Standardization for the Internet of Sounds
- Visualization and Sonification of acoustic sensor networks
- UAVs and Non-Terrestrial Networks for the Internet of Sounds
- Robots for the Internet of Musical Things

[Submission Link](#)

IEEE ComSoc
IEEE Communications Society

Satellite Events

IEEE IS² 2025 will continue the successful workshops series of the previous editions:

- 2nd IEEE International Workshop on the Musical Metaverse (IEEE IWMM) - [LINK](#)
- 3rd IEEE International Workshop on Networked Immersive Audio (IEEE IWMNIA) - [LINK](#)
- 2nd IEEE Music Packet Loss Concealment Challenge - [LINK](#)

For the topics addressed in each event please visit the respective webpages.

ORGANIZING COMMITTEE

General Co-Chair

Claudia RINALDI, National Inter-University Consortium for Telecommunications

Paper Co-Chair

Carlo CENTOFANTI, University of L'Aquila
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Demo Chair

Andrea MAROTTA, University of L'Aquila

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Student Volunteer Coordinator

Stefano GIACOMELLI, University of L'Aquila

General Chair

Luca TURCHET, University of Trento



Call for Internet of Sounds Performances and Installations

We invite submissions that showcase the internet of sounds in performance and sound installations. Proposed works should have a clear connection to the conference and may relate to a technical paper or demo submission. We particularly invite pieces that last 5-12 minutes, however, shorter and longer performance proposals will be considered.

Performances and Installations Submission

A proposal (compiled in a single pdf) should include:

- One-page project description
- One-page description of technical requirements
- Short program notes
- Artist bio(s)
- URL to any performance/installation audio or audio-visual documentation (if available). The documentation link should use streaming-only services, e.g., SoundCloud, Vimeo, YouTube.

Paper Submission

All submissions will be fully, single-blind peer-reviewed. The expected number of pages for contribution should not exceed 10 pages for paper. Authors must follow IEEE ethical and writing guidelines.

Submission portal:
<https://easychair.org/my/conference?conf=ieeeis2025>

internetofsounds2025.ieee-is2.org