



ETI on Internet of Sounds Board Meeting

15:00 – 16:00 CET | Zoom Teleconference | 22nd November 2023



Agenda

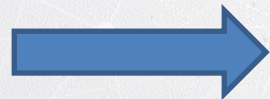
- ▶ Welcome (Luca Turchet)
- ▶ Approval of the agenda (All)
- ▶ Growth of the community (Luca Turchet)
- ▶ Report on the 4th International Symposium on the Internet of Sounds (Stefano Giordano)
- ▶ Report on the 1st International Workshop on Networked Immersive Audio (Luca Turchet)
- ▶ Updates on the next IS² (Nils Peters)
- ▶ Updates on current activities (Luca Turchet)
- ▶ Diversity and inclusion support initiatives (Cristina Rottondi)
- ▶ Open discussion / Any other business (All)

Growth of the community

- ▶ The Internet of Sounds Research Network is growing
 - Since our last meeting in May
 - 120+ partners (new academic institutions and companies): **+9%**
 - 250+ member in the mailing list: **+8%**
 - 86 contributions submitted to IS² 2023: **+51% respect to 2022**
 - Several recent journal publications on research pertaining to the IoS
 - Citations to IoS-related papers are undoubtedly increasing

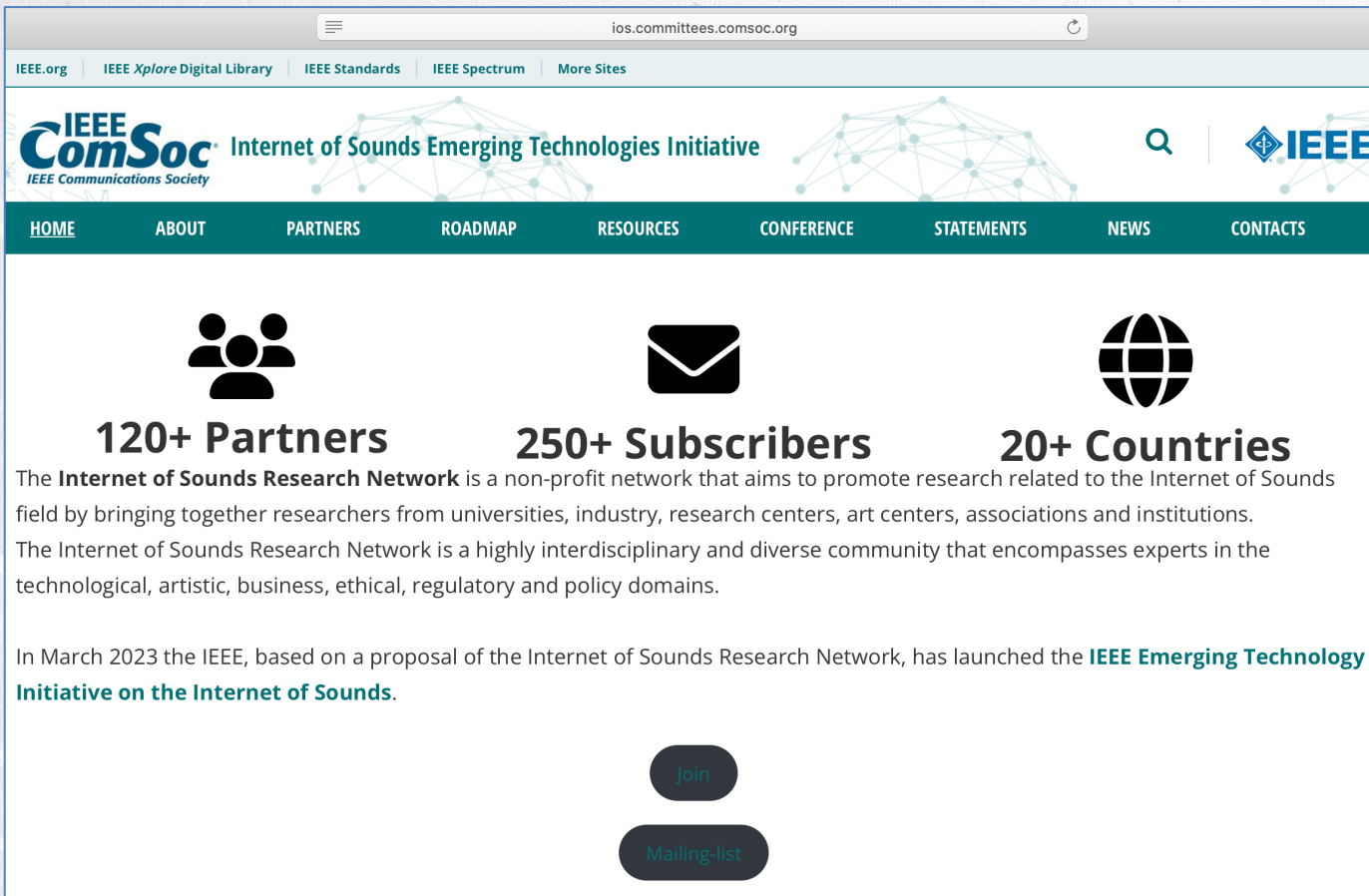
These numbers are an indication that there is attention towards the IoS topics and products

- ▶ We should reach more researchers operating in the IoS space, and in particular more companies, so for the community to grow and the IoS field to progress



please keep spreading the word with your network!

New website hosted on IEEE server



ios.committees.comsoc.org

IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites

IEEE ComSoc Internet of Sounds Emerging Technologies Initiative

HOME ABOUT PARTNERS ROADMAP RESOURCES CONFERENCE STATEMENTS NEWS CONTACTS

120+ Partners **250+ Subscribers** **20+ Countries**

The **Internet of Sounds Research Network** is a non-profit network that aims to promote research related to the Internet of Sounds field by bringing together researchers from universities, industry, research centers, art centers, associations and institutions. The Internet of Sounds Research Network is a highly interdisciplinary and diverse community that encompasses experts in the technological, artistic, business, ethical, regulatory and policy domains.

In March 2023 the IEEE, based on a proposal of the Internet of Sounds Research Network, has launched the **IEEE Emerging Technology Initiative on the Internet of Sounds**.

Join

Mailing-list

- ▶ Initially we had only a dedicated page hosted on the IEEE ComSoc website: <https://www.comsoc.org/about/committees/emerging-technologies-initiatives/internet-of-sounds>
- ▶ Now we have a website as part of the IEEE ComSoc website: <https://ios.committees.comsoc.org/>
- ▶ We will still keep the website of the Internet of Sounds Research Network <https://internetofsounds.net/>
- ▶ Slides and minutes will be published on the ETI website and made publically available

4th International Symposium on the Internet of Sounds



Italy Section



Call for papers and demos

After the success of the first three editions, we are pleased to invite the community to submit to the 4th International Symposium on the Internet of Sounds (IS² 2023). The Internet of Sounds is an emerging research field positioned at the intersection of the Internet of Things and Sound and Music Computing domains. The symposium will be hosted at the congress center "Ex Monastero delle Benedettine" in the city of Pisa, Italy.



Report on flagship conference of the IoS community

▶ 4th International Symposium on the Internet of Sounds (Pisa, October 26-27)

- 2 Keynotes
- 25 Oral presentations sessions
- 22 Poster sessions
- 11 Demo sessions
- 1 Panel
- 1 Tutorial
- 2 satellite events
 - The 1st International Workshop on Networked Immersive Audio (IWNIA)
 - The 2nd International Workshop on Multilayer Music Representation and Processing (MMRP)



https://internetofsounds.net/is2_2023/

Report on flagship conference

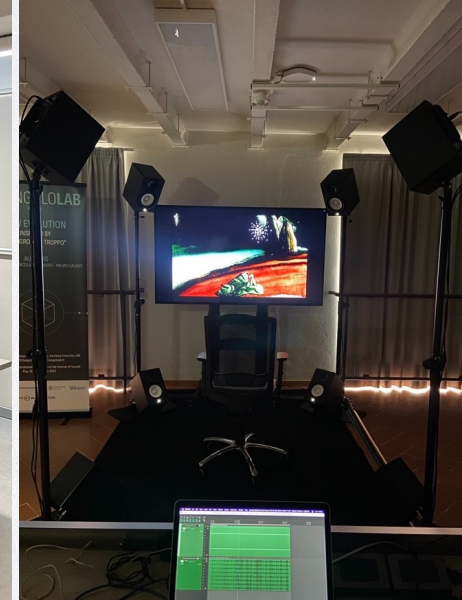
▶ Attendance

- 62 in presence
- 11 remotely connected

▶ Submission statistics

- Total submissions: 86
- Accepted contributions: 47 (22 posters and 25 papers)
- Acceptance rate: 54%
- In addition, 11 demos were selected

▶ Proceedings submitted to IEEEXplore



1st International Workshop on Networked Immersive Audio

▶ Activities

- 5 oral presentations
- 2 posters
- 5 demos
- 1 panel
- 1 tutorial by Atmoky

▶ The event was supported by the *2023 TC Innovation Support Project Fund* of IEEE ComSoc

- Budget: \$5.000
- We covered some of the costs for the catering
- We covered some of the travels costs of the organizers and early career researcher in need

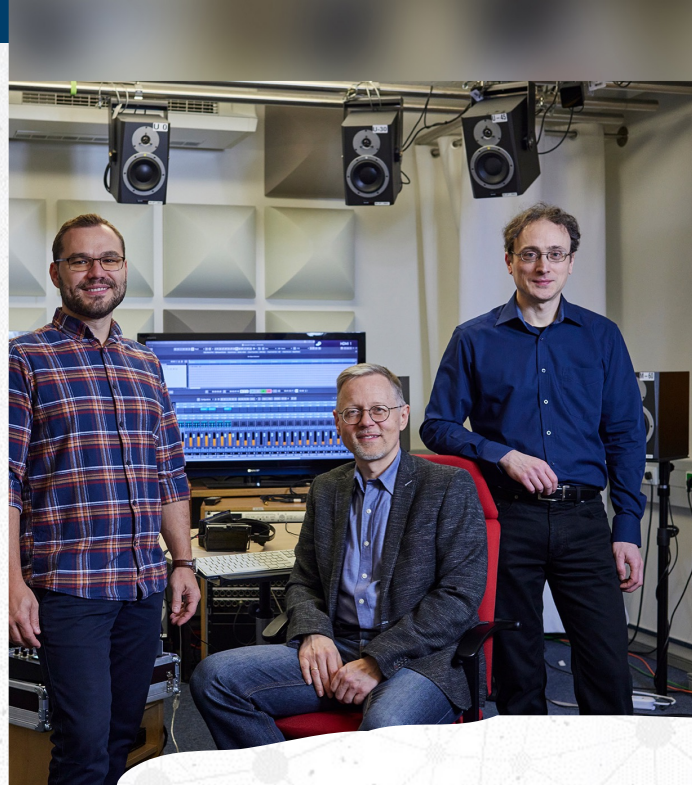
▶ We received positive feedback from ComSoc following the submission of the report



Updates on IS² 2024



- ▶ Chair: Prof. Nils Peters



hosted by



Friedrich-Alexander-Universität
Erlangen-Nürnberg

at the



Fraunhofer

main offices





Erlangen, Bavaria, Germany

Part of Metropolitan Region of Nuremberg
University town since 1743
About 40k students

Status of preparation

- ▶ Assembling of Organizing Committee is ongoing
- ▶ Website is live (https://internetofsounds.net/is2_2024)
- ▶ Submission date is set (Jul 15 2024)
- ▶ Music and Installation in addition to technical Papers and Demos
- ▶ 2 Satellite Workshops announced:
 - 2nd edition of the International Workshop on Networked Immersive Audio
 - 1st edition of the International Workshop on the Musical Metaverse
- ▶ Expecting 80-100 attendees

Updates on current activities

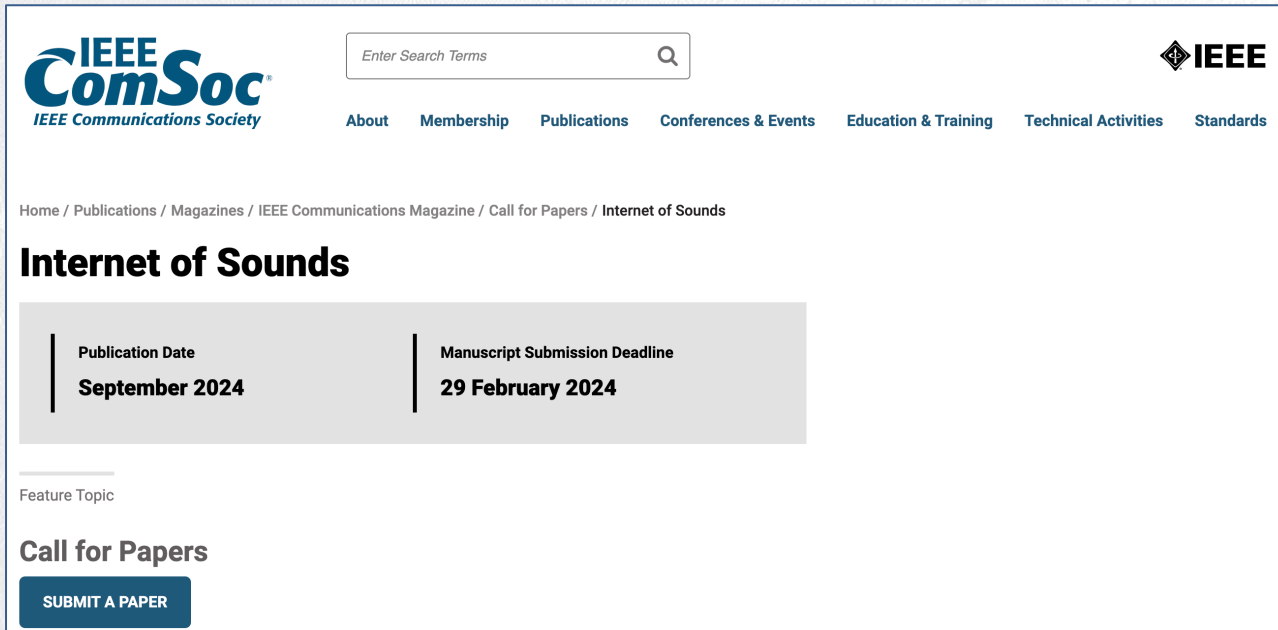
- ▶ Feel free to propose a workshop/panel/tutorial at IS² 2024
- ▶ Proposal plan
 - Mobility support grants



- ▶ We have the plan to propose to IEEE ComSoc to make IS² an IEEE Conference (i.e., financially supported by the IEEE)

Updates on current activities

- ▶ **IEEE Communication Magazine** had invited us to launch a **special issue** on the Internet of Sounds topic



The screenshot shows the IEEE ComSoc website page for the 'Internet of Sounds' special issue. The page features the IEEE ComSoc logo, a search bar, and a navigation menu. The main content area displays the title 'Internet of Sounds' and a table with the following information:

Publication Date	Manuscript Submission Deadline
September 2024	29 February 2024

Below the table, there is a 'Feature Topic' section with the title 'Call for Papers' and a 'SUBMIT A PAPER' button.

- 2023 Impact factor: 9.03
- Guest Editors: Woon-Seng Gan, Maximo Cobos, Hossein Shokri Ghadikolaei, Luca Turchet
- Deadline: 29th February 2024
- One paper has been submitted and is under review
- We expect to receive at least other 3 contributions, we hope more
- **Please consider submitting a contribution**
- **Please spread the word**

Forthcoming initiatives in support of inclusiveness and gender equality

- ▶ ETI Diversity officer: Prof. Cristina Rottondi
- ▶ Within the 5th International Symposium on the Internet of Sounds
 - Allocating a gender equality and inclusivity session in the program
 - offering travel grants to promote diversity/inclusion among attendees
- ▶ Instituting a blog-like webpage within the IoSRN website, hosting contributions by female/underrepresented authors on bi/trimonthly basis
- ▶ Submit contributions to the IEEE Women in Engineering magazine to foster sensibilization



Open discussion

- ▶ Do you have any proposal?
- ▶ Do you have any news or updates to share? E.g.,
 - Funded projects on IoS related areas
 - Master's/PhD courses offered
 - Keynotes or tutorials at conferences
 - Tutorials at conferences
 - Prototypes, open-source software, open datasets
- ▶ Standardization efforts?
- ▶ Any other business