

# Web Audio Conference 2025



**Wednesday 19 November 2025 - Friday 21 November 2025**

**Ircam**

## Scientific Programme

The Internet has evolved beyond a simple storage and delivery network for audio files, with modern web browsers bringing new user experiences and interaction opportunities on smartphones, tablets, single-board computers, laptops, desktops, and essentially any device hosting web browsers. New and emerging web technologies and standards now allow applications to create and manipulate sound in real-time or at near-native speeds, enabling the development of a new generation of web-based applications that mimic the capabilities of desktop software while leveraging unique opportunities afforded by the web in areas such as social collaboration, user experience, cloud computing, and portability.

WAC explores the current state of works by artists, researchers, students, and engineers in both industry and academia, highlighting new standards, tools, APIs, and practices, as well as innovative web audio applications for musical performance, education, research, collaboration, and production, with an emphasis on bringing more diversity into audio.

## **Hacking and Making with Web Audio**

For this 10-year anniversary, the proposed theme "Hacking and Making with Web Audio" is intended to invite scholars, researchers, developers, designers and artists to explore and engage with new usage of the Web Audio API across various disciplines and contexts. In particular, we will welcome original contributions that re-question and propose novel use of Web and Audio technologies, e.g. in their relation to more traditional music technologies and ecosystem, with or without the Internet or mixing paradigms such as mobile or IoT technologies.

## **Frameworks, Libraries and Tooling**

## **Hardware, Instruments & IoT**

## **VR, AR & Spatialisation**

## **Applications & User Studies**

## **Protocols, APIs & Standards**

## **Web, Music & Society**

**Other**

**Practitioner Talk**

**Artwork/Demo**

**Performance**

**Workshop**