



PAST SOUNDS: NEW PERSPECTIVES IN THE FIELD OF ARCHAEOACOUSTICS

ARTSOUNDSCAPES CONFERENCE. 20-21 OCTOBER 2022

This conference is free but **registration** is essential for in-presence or virtual attendees. To register send an email to pr.artsoundscapes@ub.edu

20 October

Location: Sala Miquel Siguan (Graus), Edifici de Ponent, [Facultat de Psicologia](#), Campus Mundet, UB.

Introduction

09.30h - Margarita Díaz-Andreu (ICREA, Universitat de Barcelona): **Welcome to the Past Sounds Conference: new perspectives in the field of archaeoacoustics**

Psychoacoustics and neuroacoustical approaches in archaeology

10.10h - Pamela Jordan (University of Amsterdam): **Employing psychoacoustics in sensory archaeology**

10.50h - Raquel Aparicio-Terrés (University of Barcelona); Samantha López (University of Barcelona); Carles Escera (University of Barcelona): **A first approach to the study of neural mechanisms that make acoustics a phenomenon to be considered in ancient human experience**

11.30h - Coffee

11.50h - Samantha López (University of Barcelona); José Valenzuela (University of Barcelona); Raquel Aparicio-Terrés (University of Barcelona); Carles Escera (University of Barcelona): **Methods for perceptual and emotional evaluation of soundscapes in immersive auditory environments.**

12.30 - Visit to the Immersive PsychoAcoustic Laboratory (ImmpaLAB) and to the Brainlab.

13.30h – Lunch

Musical instruments

15.00h - Simon Wyatt (Independent Researcher, United Kingdom): **Archoustemology and the Aurignacian.**

15.40h - Raquel Jiménez Pasalodos (University of Valladolid): **The materiality of the immaterial: A theoretical approach to the study of archaeological musical instruments**

16.20h – Coffee

16.40h - Neil Rusch (University of the Witwatersrand): **The results are audible: Constructing ancient instruments what more can we learn?**

17.20h - Francisca Zalaquett (National Autonomous University of Mexico): **Research on sound instruments in Maya Archaeology and the dissemination of results to the public**

18.00h – Laura de Castellet - **Researching and performing on medieval music**

21 October

Location: Sala de Juntes, [Facultat de Geografia i Història](#), Universitat de Barcelona.

Archaeoacoustics and ontology

09.00h - Bernd Brabec de Mori (University of Innsbruck/University of Marburg): **The role of listening in the prehistoric emergence of speech and song: a precursor of becoming human?**

Archaeoacoustics, storytelling and shamanism

09.40h – Margarita Díaz-Andreu (Universitat de Barcelona); Andrzej Rozwadowski (Adam Mickiewicz University); Raquel Jiménez Pasalodos (University of Valladolid); Neemias Santos da Rosa (Universitat de Barcelona); Daniel Benítez-Aragón (Universitat de Barcelona); Lidia Alvarez Morales (Universitat de Barcelona): **Music and storytelling in rock art sites? The archaeoacoustics of the Urkosh area**

10.20h - Riitta Rainio (University of Helsinki); Elina Hytönen-Ng (University of Turku): **Ringing tone and drumming shamans in the crevice cave of Pirunkirkko, Eastern Finland**

11.00h – Coffee

Architectural archaeoacoustics

11.20h - Angela Bellia (Italian National Research Council): **Listening to ancient places: towards an aural architecture of the past**

12.00h - Davide Nadali (Sapienza University of Rome): **How to hear architecture. On the acoustic properties and implications of built spaces in ancient Mesopotamia**

12.40h - Zorana Đorđević (University of Belgrade); Marija Dragišić (Institute for the Protection of Cultural Monuments of Serbia); Dragan Novkovic (School of Electrical and Computer Engineering of Applied Studies): **Sound imagery in medieval Serbian churches**

13.20h - Lunch

14.20h - Braxton Boren (American University, Washington DC): **Estimation of Speech intelligibility in the past.**

15.00h - Kamil Kopij (Jagiellonian University); Adam Pilch (AGH University of Science and Technology,); Monika Drab (Wroclaw University of Science and Technology); Szymon Poplawski (Wroclaw University of Science and Technology): **One, two, three! Can everybody hear me? Acoustics of Roman 'contiones'. Case studies of the Capitoline Hill and the temple of Bellona in Rome**

Virtual acoustics

15.40h - Cristina Manzetti (University of Cyprus): **Virtual acoustics and 3D GIS in archaeology**

16.20 - Coffee

16.40h - Rupert Till (University of Huddersfield): **Presenting archaeoacoustics results using multimedia and VR technologies**

17.20- Graham Goodwin (University of California Merced): **Exploring the potential of immersive virtual reality for experiencing archaeological soundscapes**

18.00 – Tess Knighton (ICREA, Universitat Autònoma de Barcelona): **Sound and space in the early modern procession and the density of sonic experience** (followed by a sound walk through Barcelona)

<https://www.ub.edu/artsoundscapes/>

CONFERENCE Organised by Margarita Díaz-Andreu & Neemias Santos da Rosa



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