

The aim of this workshop is to explore, with a trans-disciplinary perspective, the various sonic issues project managers encounter when building or rehabilitating worship spaces in different cultural contexts. Building or rehabilitating such spaces should not only answer to requirements dictated by the building but should also take into account the practices, perceptions and expectations of the various actors and users of those spaces (religious officials and practitioners, etc.).

The colloquium will be structured around three issues:

-The first part will be devoted to ritual action as a “sensory experience”. This theme will address the effects perceived in rooms, such as reverberation, or the intelligibility of speech, and the influence of these effects on the multisensory experience of the participants, without neglecting the sense of silence (or conversely saturation) in such places.

-The second part will address the worship space in terms of “limits and boundaries.” This theme will focus on sound sources and the manner they are perceived both inside the space and outside, considering enclosed, nested, or open spaces. We will examine the scope of sound messages within architectural borders but also beyond the walls.

-The third part will deal with the theories of the sound between “past and present.” This theme will address the acoustic theories, the collection of initial intentions and sound requirements, which were formed at different times concerning places of worship. This is based on written sources and their interpretations that some contemporary architects and acousticians now seem up to meeting the challenges of preserving or are led to reconstruct from the perspective of the construction of new sites.

These three themes will be systematically addressed by at least two complementary approaches involving human sciences and engineering sciences. They will be broken down in different cultural contexts with their own meanings.

For more information/free inscription (limited number of seats) :
<https://intranet.sfa.asso.fr/archives/w-soundspaces/>



Address:
 musée du quai Branly
 Salle de cinéma
 37 quai Branly, 75007 Paris

Accès piétons

L'entrée au musée s'effectue par la rue de l'Université ou par le quai Branly.

- Entrée Branly 1**
51 quai Branly
- Entrée Debilly 2**
37 quai Branly, face à la Passerelle Debilly (entrée principale)
- Entrée Alma 3**
27 quai Branly
- Entrée Université 4**
218 rue de l'Université
- Entrée des Bassins 5**
206 rue de l'Université

Métro

- RER C** Pont de l'Alma
- ligne 9** Alma-Marceau
- ligne 9** Iéna

Bus

- ligne 42** arrêt La Bourdonnais ou Bosquet-Rapp
- lignes 63, 60, 62** arrêt Bosquet-Rapp
- ligne 72** arrêt musée d'art moderne – Palais de Tokyo

Organizers:

- **Christine Guillebaud** (CNRS, Laboratoire d'Ethnologie et de Sociologie Comparative, LESC-CREM UMR 7186, Université Paris Ouest Nanterre)
- **Frédéric Keck**, Musée du quai Branly, Directeur du Département de la Recherche et de l'Enseignement
- **Catherine Lavandier** (Laboratoire "Mobilités-Réseaux-Territoires-Environnement", LMRTE EA 4113, Université de Cergy-Pontoise)



Sound perception of places of worship
 (of different religions) via a multidisciplinary
 anthropological and acoustic approach

MUSÉE DU QUAI BRANLY, NOVEMBER 3-4, 2015 (PARIS, FRANCE)

For more information/free inscription (limited number of seats):
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Tuesday 3 November

9h30 [Opening of the Museum doors]

10h Welcome and introduction by the organizers:
Christine Guillebaud, CNRS, LESC-CREM UMR 7186, Université Paris Ouest Nanterre.
Frédéric Keck, Musée du quai Branly, Directeur du Département de la Recherche et de l'Enseignement.
Catherine Lavandier, LMRTE EA 4113, Université de Cergy-Pontoise.

KEYNOTE LECTURE:

10h30 – 11h15 - Marc Asselineau, Bureau PEUTZ et Associés, Acoustique des salles, Paris
Characterization of worship spaces acoustics: to believe or not in acoustic indicators (France)
Marc Asselineau will present the basics of room acoustics for a social scientist public, and direct his talk to the complementarity of acoustic and anthropological approaches in the management of projects for places of worship.

11h15 – 11h45 [Coffee break]

SESSION:

Sensory experience and perceived sound effects in worship spaces - I
Session chair: Jean-Dominique Polack, Equipe «Lutheries - Acoustique - Musique» (LAM), Institut Jean le Rond d'Alembert CNRS UMR7190, Paris

11h45 - Gaspard Salatko, Centre Norbert Elias, UMR 8562 CNRS/EHESS, Université d'Avignon
Church bells and their ontological status in Christian rituals (France)
12h15 - Paola Ricciardi, University of Pavia, Faculty of Engineering
Churches as auditoria: analysis of acoustical parameters for a better understanding of sound quality (Italy).

13h – 14h 30 [Lunch]

SESSION:

Sensory experience and perceived sound effects in worship spaces - II
Session chair: Damien Masson, Laboratoire «Mobilités-Réseaux-Territoires-Environnement», LMRTE EA 4113, Université de Cergy-Pontoise

14h30 - Josée Laplace, Université du Québec à Montréal
Experience(s) and functions of monumental soundscapes in Roman Catholic churches of Montreal
15h - Menino Allan S.M. Peter Tavares and Buland Shukla, Founder - Heritage Acoustics, Goa
Rehabilitation of churches in Goa: Restoring an Experience (India)
15h30 - Pascal Joanne, UMR MCC/CNRS, Centre de recherche méthodologique d'architecture, Nantes
Sensitive heritage of the Cistercian abbeys (France)

16h – 16h30 [Coffee break]

SESSION:

Sound and architectural limits - I
Session chair: Catherine Servan-Schreiber, CNRS, Centre d'Études de l'Inde et de l'Asie du Sud, CEIAS UMR 8564, EHESS, Paris

16h30 - M.G. Prasad, Stevens Institute of technology, Department of Mechanical Engineering, Hoboken New Jersey, USA
The role of coupled spaces in propagation of Vedic chants, bells, conch-shells and gongs in worship at Hindu temples (India)
17h - Christine Guillebaud, CNRS, Laboratoire d'Ethnologie et de Sociologie Comparative, LESC-CREM UMR 7186, Université Paris Ouest Nanterre
The Dēva/Asura sound categories and their spatial distribution in the Maṅṅarsāla Nāgas temple (Kerala, South India)

Wednesday 4 November

9h30 [Opening of the Museum doors]

SESSION:

Sound and architectural limits - II
Session chair: Michaël Houseman, Ecole Pratique des Hautes Etudes, Vème section, Institut des mondes Africains IMAF

10h - Andrew J. Eisenberg, Visiting Assistant Professor of Music and Anthropology, NYU Abu Dhabi, UAE
Soundly Placed Subjects: Resonant Voices and Spatial Politics in Mombasa, Kenya
10h30 - Astrid Zotter, Cultural and Religious History of South Asia, Ruprecht-Karls Universität Heidelberg
Reflections on Sound and Music in Nepalese Life-Cycle Rituals

11h – 11h30 [Coffee break]

SESSION:

Theorizations of sound - I
Session chair: Nicolas Dejenne, Université Sorbonne nouvelle - Paris 3, UFR Etudes arabes, hébraïques, indiennes et iraniennes (EAHII)

11h30 - Gérard Colas, CNRS, Centre d'Études de l'Inde et de l'Asie du Sud, CEIAS UMR 8564, EHESS, Paris
Hindu conceptions of sound in Sanskrit sources (India)
12h - Alpana R. Dongre and Amit J. Wahurwagh, Visvesvaraya National Institute of Technology Department of Architecture and Planning Nagpur India
The original acoustics of Sixteenth- Century Mughal Heritage of Burhanpur (India)

12h30 – 14h [Lunch]

SESSION:

Theorizations of sound - II
Session chair: Brian FG Katz, Audio Acoustic group, LIMSI-CNRS UPR 3251, Orsay

14h - Nina Ergin, Koç University, Archaeology and History of Art, Istanbul (in US in 2015)
Linking the Universal Community of Muslims (umma) Across Time and Space: The Sound- and Smellscapes of Ottoman Mosques and Tombs
14h30 - Jean-Christophe Valière, Equipe Archéologie du son - Institut Polytechnique Poitevin de recherche en Ingénierie, Mécanique et Énergétique CNRS - UPR 3346
Towards a history of architectural acoustics using archeological evidence: how recent works on acoustic pot implementations enlighten the quest of sound quality in churches from XIth to the XVIIth century. (France)

RESTORATION WORKSHOP AND ROUND TABLE WRAP-UP:

Session chair: Jean-Paul Thibaud, CNRS, Centre de recherche sur l'espace sonore et l'environnement urbain/CRESSON, Ambiances architecturales et urbaines, Grenoble

15h15 – 16h -Restitution workshop of first and second year Master students' work from the Nantes Graduate School of Architecture (2014-2015) on the representation of light and sound in Cistercian abbeys (conserved, in ruins, destroyed, or still occupied) as part of the commemoration of the 900th anniversary of the founding of the Abbey of Clairvaux (Aube) and under the direction of Pascal Joanne, Laurent Lescop and Bruno Suner. Proposals for use or conversion with the help of digital reconstitution, simulation, or immersion will be presented.

16h – 16h30 [Coffee break]

16h30-17h30 Round table

This workshop will be followed by a round table wrap-up summarizing the main points of the symposium and initiating ideas for consideration in the context of a project for publication.