

## Newsletter's Summary

### Agenda

Get a reminder on upcoming events and deadlines. Feel free to contribute if you become aware of any change!

### News

This month, we're highlighting Daniel Commins' life and work.

### Job announcements

Find your dream job in this fresh list of opportunities! If you wish to announce a position, please email the [YAN team](#).

### Publications

This month, find a publication by Gülnihan Atay discussing the subject on the acoustical characterization of clay pots in Ottoman architecture through experimental and numerical analysis.

## Upcoming Events

February 2024

07<sup>th</sup> Aeroacoustics SIG Conference

[Manchester, UK](#)

March 2024

18<sup>th</sup>- 21<sup>st</sup> DAGA 2024 50th Annual Conference on Acoustics

[Hannover, Germany](#)

May 2024

15<sup>th</sup> - 18<sup>th</sup> SAM 2024 Symposium on Acoustic Metamaterials #4

[Hanasaari, Espoo, Finland](#)

22<sup>nd</sup>- 24<sup>th</sup> BNAM 2024 Baltic-Nordic Acoustic Meeting 2024

[Hanasaari, Espoo, Finland](#)

## Upcoming Deadlines

February 2024

07<sup>th</sup> BNAM 2024

Baltic-Nordic Acoustic Meeting 2024 .Hanasaari, Espoo, Finland. [Abstract Submission](#)

09<sup>th</sup> INTER-NOISE 2024

53rd International Congress and Exposition on Noise Control Engineering. Nantes, France. [Abstract Submission](#)[Abstract Submission](#)

15<sup>th</sup> DAGA 2024

50th Annual Conference on Acoustics .Hannover, Germany. [Abstract Submission](#)[Abstract Submission](#)

15<sup>th</sup> TOSS2

ACTOR Timbre and Orchestration Summer School .Vancouver, Canada. [Abstract Submission](#)

17<sup>th</sup> ICUA2024

International Conference on Underwater Acoustics .Bath, UK. [Abstract Submission](#)

March 2024

03<sup>rd</sup> Quiet Drones 2024

Manchester, UK. [Abstract deadline](#)

03<sup>rd</sup>- EUSIPCO 2024

32nd European Signal Processing Conference .Lyon, France. [Paper deadline](#)

15<sup>th</sup> - SAM 2024

Symposium on Acoustic Metamaterials #4. Aegina, Greece. [Abstract deadline](#)

20<sup>th</sup> - DAFx24

27th International Conference on Digital Audio Effects. Surrey, UK. [Paper deadline](#)

31<sup>st</sup> IBPC 2024

09th triennial conference of the International Association of Building Physics (IABP). Toronto, Canada. [Paper Submission](#)

31<sup>st</sup> DAGA 2024

50th Annual Conference on Acoustics .Hannover, Germany. [Paper Submission](#)

April 2024

01<sup>st</sup> JJBA 2024

2nd Emerging Bioacousticians Days. Moulin-Blanc, Brest, France [Abstract Submission](#)

12<sup>th</sup> INTER-NOISE 2024

53th International Congress and Exposition on Noise Control Engineering. Nantes, France [Paper Submission](#)

19<sup>th</sup> BNAM 2024

Baltic-Nordic Acoustic Meeting 2024 .Hanasaari, Espoo, Finland. [Paper Submission](#)

30<sup>th</sup> ICUA2024

International Conference on Underwater Acoustics .Bath, UK. [Abstract Submission](#)

## News

### DAGA

DAGA - [The 50th Annual Conference for Acoustics](#) organized by the German Acoustical Society is taking place in Hannover, Germany this year. If you haven't submitted your abstract, you can still submit to the "late posters". If you are new to DAGA, you can register for the buddy program offered by young DEGA and you get a mentor to better integrate you to the conference environment.

### EUSIPCO 2024

EUSIPCO - For the ones interested more by signal processing, the EUSIPCO 2024 deadline for full paper submission is on March 3<sup>rd</sup>. This year, the conference is held in beautiful Lyon, France and the plenary is given by impressive Ingrid Daubechies. If you are thinking of going, you shouldn't miss the impressive Gaudin-organ in the Abbaye de Collonges, as part of the organized gala dinner.

### Daniel Commins

#### - The man from nowhere

Sadly, the extraordinary acoustical engineer, Daniel Commins has passed away, leaving us his contribution to some of the most spectacular cultural buildings not only in France, but all over the world. If you want to discover more about the man from nowhere, you can start by reading this short but comprehensive [article](#) of his life and contributions.

Have a look here: <https://euracoustics.org/news/passing-away-daniel-commins/>

# Let's get loud!

Sound off! Share your latest acoustics news & events

News flash! Have an acoustics story to share? Please tell us!

[eea.yan@euroacoustics.org](mailto:eea.yan@euroacoustics.org)

Share your acoustics projects, discoveries, thoughts, and insights on the latest in acoustics 🗣️👂🎧

## Job Announcements

Acoustics Consultant

Modyva. [Nivelles, Belgium](#)

Junior Acoustic Consultant - Acoustic

Consultant

Accon UK. [Reading, UK](#).

Graduate Acoustic Consultant

TNEI. [Dublin/Glasgow/Newcastle, Ireland/UK](#)

Acoustic Consultant - All Grades

Noise Consultants Ltd.

[London/Bristol/Warrington, UK](#).

PhD: wavefront shaping through a

waveguide with disorder

LAUM - Le Mans University. [Le Mans, France](#)

Intern in VR Audio Technologies

Fraunhofer IIS. [Erlangen, Germany](#).

[Post-doc] Equivalent vibro-acoustic

model of multilayer structures with

nonlinear interfaces

LVA-LTDS (CeLyA). [Lyon, France](#)

Research Position: modeling of

environmental noise sources

UMRAE - Université Gustave Eiffel. [Lyon, France](#).

Research Position: modelling of

outdoor acoustic propagation

UMRAE - Cerema. [Strasbourg, France](#).

PhD in Aeroacoustics

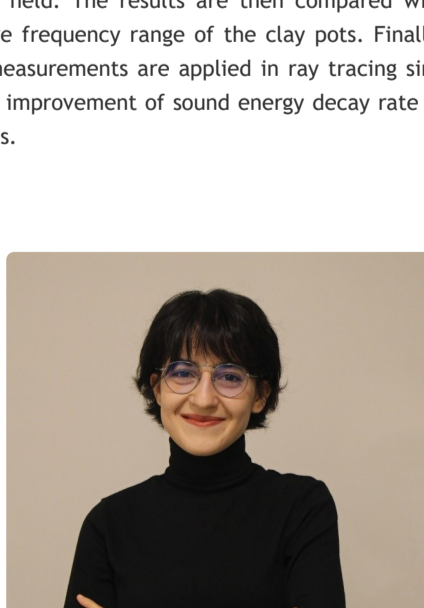
PPRIME. [Poitiers, France](#).

## Publications

### The acoustical characterization of clay pots in Ottoman architecture through experimental and numerical analysis

In medieval age, clay pots are utilized as multi-functional building elements serving not only for structural and ventilative purposes but also for the improvement of the acoustic qualities of the space. Although the medieval usage of acoustic pots is vaguely connected with the acoustic vessels of Vitruvius, their employment is also interpreted as cavity resonators as in the case of Süleymaniye Mosque. The 16th century edifice designed by Sinan the Architect Laureate is a significant example among its European counterparts with 224 clay pots embedded into its central dome. The present work aims to discuss the contribution of clay pots in acoustics of historical edifices focusing on Süleymaniye Mosque. In this study, a clay pot sample employed in the mosque is reproduced and impedance tube measurements are held. The results are then compared with finite element model simulations carried out to examine the effective frequency range of the clay pots. Finally, the data acquired from numerical simulations and the experimental measurements are applied in ray tracing simulations. The final results reinforce the contribution of clay pots on the improvement of sound energy decay rate measured after the final restorations within the mosque with repaired pots.

### About the Author



Gülnihan Atay is an early career researcher and an acoustical consultant based in Turkey. She received her B.Arch (2019) and MSc. (2022) degree in Architectural Acoustics from Bilkent University. In her Master's thesis she investigated the employment of clay pots as Helmholtz resonators and their contribution to the room acoustics parameters in a 16th century Ottoman Mosque. Her work was awarded with the International Student Grant by the Acoustical Society of America in 2022. She currently works as an acoustical consultant in Mezzo StüdyoLtd. Gülnihan is also a part time instructor in Bilkent University, Faculty of Art, Design and Architecture, teaching an undergraduate course on architectural acoustics. She recently joined YAN as the Turkish representative of the network.