

## 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 delve into the highlights of Forum Acusticum 2023. We also unravel the latest advances in audio reproduction, so stay tuned for these fascinating insights...!

### 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 discover a publication on the improvement of the reverberation time in current enclosed spaces from Muammer Yaman.

## Upcoming Events

### October 2023

- 12<sup>th</sup>-14<sup>th</sup> ISSET 2023  
19<sup>th</sup> International Symposium on Sound Engineering and Tonmeistering [Warsaw, Poland](#)
- 16<sup>th</sup>-17<sup>th</sup> Acoustics 2023  
Annual Conference and Exhibition. [Winchester, UK](#)
- 18<sup>th</sup>-20<sup>th</sup> TECNIACUSTICA 54  
54<sup>th</sup> Congreso Español de Acústica TECNIACUSTICA 2023. [Cuenca, Spain](#)
- 18<sup>th</sup>-21<sup>st</sup> 2<sup>nd</sup> Biennial International Conference on Acoustic and Vibration  
[Jakarta, Indonesia](#)

### November 2023

- 06<sup>th</sup>-10<sup>th</sup> ASSA 2023  
Autumn School Series in Acoustics. [Eindhoven, Netherlands](#)
- 07<sup>th</sup>-10<sup>th</sup> SAPEM 2023  
Symposium on the Acoustics of Poro-Elastic Materials 2023. [Sorrento, Italy](#)
- 14<sup>th</sup>-16<sup>th</sup> Reproduced Sound 2023  
Audio accessibility - the ingredients for success. [Bristol, UK](#)

### December 2023

- 04<sup>th</sup>-08<sup>th</sup> Acoustics 2023 Sydney

Sydney, Australia

13<sup>th</sup> (online) Webinar – Echolocation: the commercial application for ultrasound analysis

13<sup>th</sup> Third Underwater Acoustics PhD Symposium Day

Southampton, UK

## January 2024

17<sup>th</sup>-19<sup>th</sup> Anglo-French Physical Acoustics Conference 2024 (AFPAC)

Loch Lomond, Scotland

## Upcoming Deadlines



### November 2023

1<sup>st</sup> - DAGA 2024

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

30<sup>th</sup> - ICU 2023

International Congress on Ultrasonics. Beijing, China. [Paper Submission](#)

### January 2024

31<sup>st</sup> - ICUA 2024

50<sup>th</sup> International Conference on Underwater Acoustics. Bath, UK. [Abstract Submission](#)

## News



### Forum Acusticum wrap-up

Forum Acusticum was a blast! During the conference, YAN successfully organised seven events: two ice-breakers to get to know each other and the brilliant beer event to share our stories over a well-deserved drink. The fun jam session brought together all the musicians, regardless of genre. Although shy at first, more than 50 participants delighted us with their talents, including a surprising polyphonic singing performance.

More importantly, the mentoring kick-off was a great success with 8 mentor/mentee pairs.

**You are welcome to sign up until the 31st of October and then have the matching period until the 15th of November.** Forum laboris was an enlightening event with people from both industry and academia helping early career acousticians find their way.

Finally, the open board meeting brought us together to plan the future of YAN! You can find the public minutes of the meeting on Discord. You can see YAN's progress and plans, as well as notes from the discussion with all members present.

Want to know who won the best student paper award? Meet the talented young acousticians:

Kenneth Leung, Michail Vourakis, Nekane Sandoval Diez, Thiago Lobato, Xenofon Karakonstantis, Yael Lehnardt.

You can find out more about their contributions and read their papers [here](#).

### Reproduced Sound 2023: Audio accessibility - The ingredients for success

From 14-16 November, the [Institute of Acoustics](#) will host the 39th edition of [Reproduced Sound!](#) The long-running conference focuses on multidisciplinary topics in audio and acoustics of all kinds, with this year's focus on audio accessibility. While you're there, don't forget to book your one-to-one demo with Audioscenic, who will be presenting their cutting-edge user-adaptive spatial audio technology. To celebrate the enormous

contributions to audio and acoustics, this year's Peter Barnett Memorial Award goes to Professor Angelo Farina. Feel free to get lost in his many publications on his [personal website](#). The IoA Honorary Fellowship is awarded to Prof. Jamie Angus for her contributions to the field of electroacoustics. Don't miss her wonderful lecture: "A Life in Electroacoustics: From Altec to Array Loudspeakers and AI; a time of change".

## Shout for local representatives

We are currently looking for local representatives from the following countries: Bulgaria, Croatia, Czech Republic, Finland, France, Macedonia, Greece, Hungary, Iceland, Ireland, Latvia, Lithuania, Morocco, Netherlands, Norway, Romania, Russia, Serbia, Slovenia, Ukraine. If you are interested or want to know more about this role, please do get in touch with us either via email at [eea.yan@euracoustics.org](mailto:eea.yan@euracoustics.org) or through our social media pages!

## Acoustics 23

Yet another Institute of Acoustics conference is happening this October 16th -17th in Winchester, UK. Check out [their programme](#) this year and the variety of topics to be presented. You will certainly be charmed by the town, even on a rainy day!

## Announcement!

We've just launched our Mastodon account

Join the conversation and connect with YAN's vibrant community on Mastodon [[@eea\\_yan@fediscience.org](mailto:@eea_yan@fediscience.org), [https://fediscience.org/@eea\\_yan](https://fediscience.org/@eea_yan) ]!

Mastodon is free and open-source software, runs on completely independent servers (we chose [fediscience.org](https://fediscience.org) ) which interoperate with others with open web protocols to form one global social network. No ads, no push profiles.

To create an account: <https://joinmastodon.org/>

## Job Announcements



### Junior Acoustic Engineer

Adler Pelzer Group. [Villastellone, Piemonte, Italy](#)

### PhD: Acoustic Metamaterials for Sound Absorption

TU Delft. [Delft, Netherlands](#).

### PostDoc: 3D Audio DSP and Room Acoustics

IRCAM. [Paris, France](#).

### Graduate Acoustic Consultant

Mayer Brown Ltd. [Woking, Surrey, UK](#).

### Acoustic Consultant

Hann Tucker Associates. [Woking, Surrey, UK](#).

### PhD: AI-Based Speech Enhancement for Hearing Aids

Loria. [Nancy, France](#).

### Engineer for Sound and Vibration Control

Möhler + Partner Ingenieure GmbH. [Berlin, Germany](#).

### University Assistant: Sonic Interaction Design

University of Music and Performing Arts Graz. [Graz, Austria](#).

## Publications



[Evaluation and Improvement of Reverberation Time in the Current Enclosed Spaces with Speech Action](#)

There are subjective and objective acoustic parameters in the creation of acoustic performance for speech action in room acoustics. Control of reverberation time affecting subjective and objective acoustic parameters is a main parameter in room acoustics. In this study, the acoustic performance assessment of the TOBB Twins Headquarters Reception Hall, which is current enclosed space with square plan and flat floor, has been performed as a case study. The evaluation focused on the relationship between reverberation time and interior surface absorption. Primarily, the reverberation time was determined according to the international standard with in-situ measurements in the current enclosed space. The reverberation time of the space was found over the reference value range. Models have been developed with the use of materials to reduce the reverberation time. In the assessment of room acoustics parameters, reverberation times of the models developed using Ecotect v.5.20 and Odeon 14.00 simulation programs have been determined. The model in which the optimum reverberation time for the speech action was obtained was constructed. After the construction, reverberation time measurements have been made again. As a result of the study, the effect of surface absorptions on the improvement of reverberation time in the enclosed spaces with square plan and flat floor for speech action has been evaluated. Suggestions have been developed to control the reflective and absorption properties of all surfaces in accordance with the evaluation and improvement of reverberation time.

### About the Author

Muammer YAMAN (B.Arch., M.Sc., Ph.D. | Gazi University): Yaman is a research assistant at Gazi University, Faculty of Architecture. He holds a master's degree in the field of Fire Safety in Buildings. He has just finished his Ph.D. program in the field of Industrial Noise Control (GU). He studies Fire safety in buildings, architectural acoustics, and noise control. Recently, he has also been studying In the field of noise annoyance in industry, noise control in the textile industry, and prediction methods In noise reduction for industrial noise.



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