

# Young Acousticians Network Newsletter #143 June 2025



# Newsletter's Summary

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

This month YAN met ASA students at ICA/ASA 2025, and Forum Acusticum 2025's program is now live.

News

Agenda

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 Kai Chen, Jian Kang, and Hui Ma, "Perceived attachment to indoor acoustic

environments in high-rise residential buildings: Quantization, prediction, and population-based comparison."

**Upcoming Events** 

## June 2025\_ 21st- 22nd EAA Summer School 2025

Málaga, Spain 23<sup>rd</sup>- 26<sup>th</sup> Forum Acusticum / Euronoise 2025

July 2025\_

8<sup>th</sup>- 9<sup>th</sup> Automotive Acoustics Conference Constance, Germany

Málaga, Spain

9th- 11st Workshop on Guided Ultrasonic Waves: Emerging Methods

Überherrn, Germany

August 2025

18<sup>th</sup>- 22<sup>nd</sup> 16th International Conference on Theoretical and

**Computational Acoustics** BEXCO, Busan Korea

**Upcoming Deadlines** 

# June 2025 \_\_\_\_

18<sup>th</sup> International Conference on Theoretical and Computational Acoustics Early Bird Registration deadline. Registration

30<sup>th</sup> Congress of the Alps Adria Acoustics Association Early Bird Registration deadline. Registration

29<sup>th</sup> International International Congress on Ultrasonics

News

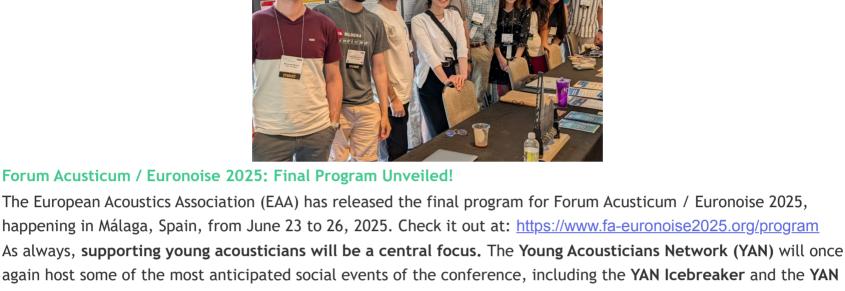
# Early Bird Registration deadline. Registration

YAN and ASA Students Connect at ICA/ASA 2025 in New Orleans

variety of ASA student-led social events, including the ice-breaker session. This collaboration was a valuable opportunity to strengthen the relationship between young acousticians across the Atlantic and to encourage OR promote future joint initiatives. Many thanks to Jonas, Alessio, Achilles, Gülnihan, Riccardo, and Sebastian for representing YAN and creating collaboration in the acoustics community.

The YAN's Jonas Heck gave a presentation at the First-Time Attendees event, introducing the YAN's mission,

initiatives, and growing network of early-career acousticians in Europe. Throughout the conference, YAN members were hanging at the ASA student booth, sharing flyers and engaging with attendees. They also participated in a



Social. These events provide welcoming, informal spaces for early career researchers to meet peers, build networks, and find their footing within the wider community. These gatherings have consistently been praised as essential touchpoints for young professionals at past conferences. We would also like to highlight the EAA Summer School, an excellent opportunity for young researchers to deepen their knowledge, enhance their skills, and connect with leading academics in a focused learning environment. **AES Europe Convention 2025 Showcases Audio Innovations!** The Audio Engineering Society (AES) held its Europe Convention in Warsaw, Poland, on May 22-24, 2025. The

perception and subjective evaluation of audio signals. Go to the event's page: <a href="https://aeseurope.com/">https://aeseurope.com/</a>

convention highlighted advancements in audio technology, including machine learning applications in audio

# https://forms.office.com/e/0QLsikNMap

The YAN Needs your feedback!

with this link!

The YAN Needs you! Are you based in Malaga?

We'd love to hear from you! We are looking to connect with a local contact. If you are or know someone who might

Research Engineer in Audio, Acoustics

Institut Jean Lamour, University of Lorraine-

Lecturer A in Audio Engineering

Let us know which activities you would like to see more in our community by participating in our short questionnaire

be, please reach out to us at <a href="mailto:eaa.yan.events@euracoustics.org">euracoustics.org</a>. We look forward to connecting with you!

## **Acoustic Engineer** Harman Budapest, Hungary

Job Announcements

Acoustic Engineer

Hitachi Energy

Ludvika, Sweden

**Premium Sound Solutions** Dendermonde, Belgium

Audio Transducer Designer

**Acoustic Engineer** 

PhD scolarships Trinity College

**B&C Speakers Spa** Florence, Italy

Acoustic Product Engineer **BSRIA** 

**Publications** 

Bracknell, UK

PhD: Metamaterials for Ultrasonic Wireless Power Transfer

(Teaching Track) ManUniversity of Surrey

Acoustic Consultant

Gateshead/Buxton, UK

University of Surrey

**Apex Acoustics** 

and Al

Surrey, UK

Surrey, UK

**CNR** 

Nancy, France PhD: Information and Communication

Technology **Ghent University** Gent, Belgium

Perceived attachment to indoor acoustic environments in high-rise residential buildings: Quantization, prediction, and population-based comparison

# Dublin, Ireland

## Attachment Theory. A laboratory listening experiment was conducted to (1) quantify the attachment ratings across indoor acoustic scenarios with different sound-source compositions; (2) determine the acoustic factors predicting attachment; and (3) examine attachment differences by personal traits. Various acoustic scenarios were generated

always enhanced attachment, whereas the effects of outdoor human sounds varied by the types of indoor sounds

by integrating sound sources from different directions in high-rise residences and reproduced using a spherical loudspeaker array. While immersed in a virtual living-room environment via a head-mounted display, 46 participants evaluated attachment ratings for each scenario. Results showed that the addition of natural sounds

present. Attachment perception was substantially impaired by floor impact sounds, especially in the presence of natural sounds. Attachment ratings were more effectively predicted by LCeq-LAeq. However, the variance explained was limited to 25 % even when sound types were included as predictors, highlighting the low predictive power of acoustic factors. Middle-aged individuals reported lower attachment levels than younger individuals, particularly for scenarios with combined sound sources. Counterintuitively, noise sensitivity showed overall nonsignificant effects, and higher sensitivity correlated with greater attachment in scenarios involving indoor sounds. (https://doi.org/10.1016/j.buildenv.2025.112914) **About the Author** 

differences in neighbor noise perception.









Kai Chen is a PhD candidate at the School of Architecture, Tianjin University, China. His research focuses on the subjective evaluation and intervention of floor impact noise and its influence on indoor soundscape. He currently is conducting a one-year research stay at Technische Universitat Berlin as he is investigating cross-cultural





Our editorial team members:

Zinah Al-bayyar | Riccardo Russo | Hatice Kurukose Cal | Alessio Lampis



