

Newsletter's Summary

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

News [page 4](#)



Find out more about the news from our social media team and the italian acoustic association, along some other things!

Job announcements [page 5](#)



Find your dream job in this fresh list of opportunities!
If you wish to announce a position, please contact the YAN.

Publications [page 6](#)



This month discover a publication about the effect of sound environment on spatial knowledge acquisition in a virtual clinic!

Board's Highlights



NEWS

Exciting news about our social media posts series! Besides, check the ongoing survey by the italian acoustics association!

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PUBLI

This month read a publication from the Faculty of Art, Design and Architecture at Bilkent University based in Turkey.

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Upcoming Events



April 2022

20th - 22nd — New Sounds 2022 — 10th international Symposium on the Acquisition of Second Language Speech. **Barcelona, Spain.**



May 2022

9th - 11th — EUROREGIO/BNAM 2022 — EUROREGIO/BNAM 2022. **Aalborg, Denmark.**



18th - 20th — 12th IMA — International Conference on Mathematics in Signal Processing. **Birmingham, England.**



25th - 27th — 48th AIA 2022 — Convegno Nazionale Dell'Associazione Italiana di Acustica. **Matera, Italy.**



26th - 27th — Aural Diversity Network Workshop 3— Acoustics and Psychoacoustics. **Online.**



June 2022

6th - 7th — IFA 2022 — International Symposium on Fluid Acoustics. **Sopot, Poland.**



20th - 23rd — ICUA 2022 — International Conference on Underwater Acoustics. **Southampton, England.**



Upcoming Deadlines



April 2022

24th — IMA — Maths in Music Conference. London, UK. [Abstract submission.](#)



29th — INTERNOISE 2022 — 51st International Congress and Exposition on Noise Control Engineering. Glasgow, Scotland. [Paper submission.](#)



30th — UltrafestX — Conference on Ultrasound Imaging for Speech and Language Research. Manchester, England. [Abstract submission.](#)



30th — IFA 2022 — International Symposium on Fluid Acoustics. Sopot, Poland. [Paper submission.](#)



30th — AAT 2022 — The Acoustics of Ancient Theatres. Verona, Italy. [Paper submission.](#)



May 2022

2nd — IWAENC 2022 — 17th International Workshop on Acoustic Signal Enhancement. Bamberg, Germany. [Paper submission.](#)



15th — Vienna Talk — 4th Vienna Talk 2020/22. Vienna, Austria. [Paper submission.](#)



18th — MPSVA 2022 — International Conference on Modern Practice in Stress and Vibration Analysis. Oxford, UK. [Abstract submission.](#)



News



YAN Social Media Update

This month we are honored to have Jian Kang, chair of the EAA Technical Committee on Noise helping us out with some content for our social media posts!

The Technical Committee is vice-chaired by André Fiebig with Francesco Aletta as the secretary. The Technical Committee on Noise provides an information platform for sharing new activities, research results, papers, books, congresses, projects, workshops, etc.

If you're interested in joining the Social Media team to help us share the best content possible, please send an email to yan@euracoustics.org

PIZZA! Now that we have everyone's attention: Calling all Italian acousticians...

The AIA has launched a survey to "map" Italian Acousticians who are currently based/working abroad, with the aim of strengthening the connections and collaborations with the national society. It only takes 1 minute to fill. Info and link to survey here:

<https://acustica-aia.it/sondaggio-acustici-italiani-allestero/>

<https://forms.gle/kQgU2BkijkWAuCwu9>

EUROREGIO/BNAM is almost here!

Hey all, please join us for our social event! You can find all the details here:

<https://bnam2022.org/yan-event/>

Job Announcements



PhD Position (x2) - Ultrasonic bubble dynamics. Aalto University. [Helsinki, Finland.](#)



Research Fellow Position (x5). University of Bergen. [Bergen, Norway.](#)



PhD Position - RF Acoustics. University of Bristol. [Bristol, England.](#)



PhD Position - Room Acoustics. Eindhoven University of Technology. [Eindhoven, Netherlands.](#)



PhD/MSc - Acoustics & Metamaterials. University of Auckland. [Auckland, Australia.](#)



PhD Position - Aeroacoustics. University of Southampton. [Southampton, England.](#)



PhD Position - Aeroacoustics. Cranfield University. [Cranfield, England.](#)



PhD Position - Metamaterials. University of Southampton. [Southampton, England.](#)



Publications



The effect of sound environment on spatial knowledge acquisition in a virtual outpatient polyclinic

This study examines the impact of the sound environment on spatial knowledge acquisition in a virtual outpatient polyclinic. Outpatient polyclinics have a salient role in determining early outpatient treatments of COVID-19 to prevent hospitalization or death and reduce the burden on hospitals. However, they have not been widely investigated in the literature.

The studies on spatial knowledge have identified environmental elements mainly related to vision with no focus on sound. Currently, there is limited research on the effect of sound environment on spatial knowledge acquisition in virtual outpatient polyclinics. In this study, a virtual simulated outpatient polyclinic has been created with varying levels of visual and audio cues. Eighty participants were assigned to one of the four groups: a control (no visual signage), a visual (visual signage), an only audio (no landmarks and no visual signage), and an audio-visual group. The virtual environment was presented as a video walkthrough with passive exploration to test spatial knowledge acquisition with tasks based on the landmark-route-survey model.

The results showed that a combination of visual signage and sound environment resulted in higher spatial knowledge acquisition. No significant difference was found between the performance of the visual group and the control group that shows that signage alone cannot aid spatial knowledge in virtual outpatient polyclinics. Data from the only audio group suggests that landmarks associated with sound can compensate for the lack of visual landmarks that may help design a wayfinding system for users with visual disabilities.

Publications



About the Author

Donya Dalirnaghadeh completed her Bachelor's study in architectural engineering in Iran and her post graduate in Interior Architecture and Environmental Design at Bilkent University. Currently she is in the last stage of her Doctorate study and is working on the psychoacoustics of sound in indoor spaces. She is also interested in soundscape studies and signal processing.

INFOS

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