

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 5](#)



Read about the YAN activities in 2020.

Job announcements [page 6](#)



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

Publications [page 7](#)



This month discover a publication from Laboratory for Acoustics and Vibration (Arquilav) of the Technical Superior School of Architecture of the Technical University of Madrid (UPM). Madrid, Spain.

Board's Highlights

JOBS



A lot of new job offers in this month's curated list. Find your next job opportunity in this newsletter.

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PUBLI



Read about a publication on the relationship between the geometric profile of the city and the subjective perception of urban soundscapes.

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Upcoming Events



January 2020

15th - 17th — AFPAC 2020 — Anglo-French Physical Acoustics Conference. Surrey, United Kingdom



30th - 31th — ICANCE 2020 — International Conference on Acoustics and Noise Control Engineering. Sydney, Australia



31th — IYS 2020 — Opening Ceremony of the International Year of Sound. Paris, France



February 2020

17th - 19th — Medyna 2020 — Mediterranean Conference on Structural Dynamics and Vibroacoustics. Napoli, Italy



18th - 21th — DENORMS — Designs for Noise Reducing Materials and Structures Action Final event. Coimbra, Portugal



20th — Public workshop — Hands-on workshop Destin. Florida, USA



25th — Public workshop — Digitization of Urban Noise and Sound in a Smart Nation. Singapore, Singapore



March 2020

16th - 17th — ICVPB 2020 — International Conference on Voice Physiology and Biomechanics. Grenoble, France



16th - 19th — DAGA 2020 — 46. Annual German Conference on Acoustics. Hannover, Germany



Upcoming Deadlines



January 2020

- 15th — ICBEN 2020** — Congress on Noise as a Public Health Problem. Stockholm, Sweden. [Abstract submission](#)
- 15th — ISMA 2020** — International Conference on Noise and Vibration. Leuven, Belgium. [Abstract submission](#)
- 15th — USD 2020** — Uncertainty modelling in structural dynamics. Leuven, Belgium. [Abstract submission](#)
- 17th — Quiet Drones** — Quiet Drones. A Symposium on Noise from UASs/UAVs. Paris, France. [Abstract submission](#)
- 31th — ICUA 2020** — International conference on Underwater Acoustics. Southampton, UK. [Abstract submission](#)
- 31th — ICSV 27** — 27th International Congress on Sound and Vibration. Prague, Czech Republic. [Peer-review paper submission](#)



February 2020

- 10th — SHA 2020** — Symposium on Hydroacoustics. Leba, Poland. [Abstract submission](#)
- 13th — ICASSP 2020** — International Conference on Acoustics, Speech, and Signal Processing. Barcelona, Spain. [Paper submission](#)
- 13th — ICASSP 2020** — International Conference on Acoustics, Speech, and Signal Processing. Barcelona, Spain. [Author registration](#)
- 17th — BNAM 2020** — Baltic-Nordic Acoustics Meeting. Oslo, Norway. [Paper submission](#)



Upcoming Deadlines



March 2020

15th — Internoise 2020 — International Congress and Exposition on Noise Control Engineering. Seoul, Korea. **Abstract submission**



17th — FA 2020 — Forum Acusticum. Lyon, France. **Paper submission**



23th — SHA 2020 — Symposium on Hydroacoustics. Leba, Poland. **Paper submission**



26th — Quiet Drones — Quiet Drones. A Symposium on Noise from UASs/UAVs. Paris, France. **Paper submission**



31th — DAGA 2020 — 46. Annual German Conference on Acoustics. Hannover, Germany. **Paper submission**



31th — ISNVH 2020 — International Styrian Noise, Vibration and Harshness Congress. Graz, Austria. **Paper submission**



31th — IC BEN 2020 — Congress on Noise as a Public Health Problem. Stockholm, Sweden. **Paper submission**



Announce here !

Your company opened a position related to acoustics ?

Announce it here and reach young acousticians all over Europe!
Contact us through:

yan@euracoustics.org

News



Happy New Year

Welcome in 2020! After some days off, the YAN is back and running to prepare the events of this new year. Amongst other things, 2020 is the International Year of Sound with a large number of events planned all over the world as well as a student competition titled "The sound of the World".

sound2020.org

On the academic side, many important events will take place including Forum Acusticum, the triennial conference of the European Acoustic Association, from the 20th to the 24th of April in Lyon, France. The ISMA Conference on Noise and Vibration Engineering returns in 2020 as well from 7th to 9th of September in Leuven, Belgium as well as the 179th and 180th meetings of the Acoustics Society of America in Chicago (11th to 15th of May) and Cancun (9th to 13th of November).

In 2020, the YAN will keep publishing this monthly newsletter and will meet you at conferences in Lyon (France), Leuven (Belgium), Oslo (Norway), Hannover (Germany), West Lafayette (USA) and more. We will organise the now famous beer evenings for the Young and Early Career Acousticians to meet and bond into a vivid community!

See you around!



Find a Job?

Finding a job is essential and rarely as easy as we would like. In the field of acoustics, you can rely on the sites of the different national societies that often have a Job Offer sections, on this Newsletter, published every month but also on sites such as academicpositions.com, phdportal.com or ResearchGate! Don't hesitate to ask around as well and force the luck !

Job Announcements

Early Stage Researcher – VRACE project, Siemens Digital Industries Software. Leuven, Belgium.



Acoustics Consultant, HA Acoustics. Sawbridgeworth, United Kingdom.



Acoustic Specialist, Qinetiq. Fanborough, United Kingdom.



Scientist with specialization in hydro-acoustics, Swedish University of Agricultural Sciences. Lysekil, Sweden.



CAE Engineer – Vehicle simulation and model development, Volvo Penta. Gothenburg, Sweden.



Marine Acoustics Engineer, Van Oord. Rotterdam, Netherlands.



Acoustic Measurement Engineer, Sound Solutions International. Vienna, Austria.



Development Engineer Digital Signal Processing, MED-EL. Innsbruck, Austria.



Specialist in Acoustics (in French), Liebherr Group. Toulouse, France.



Post-doc 'Voice identity conversion of expressive speech', IRCAM. Paris, France.



Publications



Relationship between the geometric profile of the city and the subjective perception of urban soundscapes

Large urban areas are very prone to be contaminated by different pollutants beyond safe limits. In recent years, it is not only pursued that these environments comply with all the regulations in this regard, but also to make them as comfortable as possible for their inhabitants. Being noise one of the most harmful pollutants, researchers and administrations are focusing their efforts in understanding and improving the subjective perception of the urban sound. This understanding could allow to make better decisions in the planning of large urban areas or in the efficient management of the traffic flow.

The main purpose of this study is to evaluate if urban places with similar geometrical features are acoustically perceived in a similar manner. The study was conducted in the city centre of Madrid (Spain), where the sound was recorded in 13 places, and their geometrical features studied. In some of these places the recordings were performed more than one time, in different recording sessions, to study the acoustic

stability of the environments. Psychoacoustic indicators were extracted and statistical analysis as well as clustering analysis were performed. A listening test was conducted to evaluate the agreement between the quantitative results and the perception of a sample of 16 participants. Both the quantitative and the qualitative analysis reported that urban places with similar geometries are perceived in a similar way. Also, it was proven that a recording performed a particular day in one place is highly representative of that place for similar working conditions. These results point out the benefits of incorporating the psychoacoustic indicators in the planning of large urban areas in order improve the acoustic comfort besides reducing the noise pollution.

About the author

Daniel de la Prida is a PhD student at the Technical University of Madrid (Spain). His research mainly focuses on the assessment of the subjective perception of environmental noise and airborne sound insulation. He is also a research assistant and technician at the Laboratory for Acoustics and Vibrations (Arquilav) since 2016. Besides his work at the Technical University of Madrid, he is assistant professor for several subjects on Acoustics at the Carlos III University since 2018.

Apart from his work in academia, Daniel works as a consultant in the railway sector, in software development and acoustic solutions. He has also worked as Acoustic Engineer for companies in the field of signal processing and building acoustics both in Spain and Austria, where he lived for more than a year.

Daniel got his B. Sc. in Telecommunications Engineering at the Carlos III University of Madrid in 2013 and his M. Sc. in Acoustics and Vibrations Engineering at the University of Valladolid (Spain) in 2014.



INFOS

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