

COMPUTATIONAL AUDIOLOGY NETWORK



About Us

CAN is a global network dedicated to advancing hearing healthcare through the application of data science, computational methods, and artificial intelligence (AI) in hearing loss research and technology. The mission of CAN is to bring together academics, clinicians, industry partners, policymakers, and patients to foster innovation, promote accessible hearing healthcare solutions, and improve the quality of life for individuals with hearing loss.

Community engagement



Present research findings in clear, accessible formats to inform and engage the public. Raise awareness, address patient needs, and encourage community involvement in advancing computational audiology.

Digital space



Offer a digital platform as a central hub for sharing knowledge, datasets, machine learning models, and software. Support collaboration and resource sharing in the community.

Alliances & Harmonization



Foster collaborations across academia, industry, and clinical practice. Work towards aligning laws, practices, and standards in hearing healthcare globally.

Events



Organize conferences (e.g., VCCA) and courses to bring together scientists, clinicians and industry professionals to share advancements, foster discussions, and promote collaboration.



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Become a CAN-SIG member!

The **International Society of Audiology (ISA)** signed a memorandum of understanding with the Computational Audiology Network to form a **special interest group (SIG)** within the ISA. CAN followers who meet the CAN membership requirements are encouraged to join our SIG. We're looking for **active, dedicated members** — be they professionals or students from fields relevant to computational audiology (e.g. audiology, AI, engineering, etc). Ideas for new initiatives or ways to interact with peers are welcome and appreciated.



Already a member of the ISA? Simply send an email to gd@e2.co.za stating – ‘please add me to the CAN – SIG’.

Not yet a member of the ISA?

Visit the [ISA website](#), select the membership navigation tab, and complete the online application form as a full member. Select the CAN interest group during the application process.

Cost:

- Full members pay \$75 USD for 12 months and \$110 USD for 24 months.
- Students (including PhDs) join for free.
- Do you need support for paying the membership fee? Please contact (president@computationalaudiology.com)



Scan here to find out more about CAN or visit our website

<https://computationalaudiology.com/about/>



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Meet the CAN Executive Board



Gloria Araiza-Illan

University Medical Center
Groningen / University of
The Netherlands



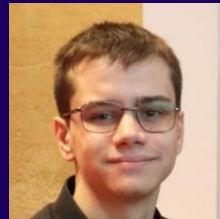
Seba Ausili

University of Miami
Miami, United States



Karina De Sousa
(General Secretary)

University of Pretoria
Pretoria, South Africa



**Hector Gabriel
Corrale de Matos**
(Web developer)

University of São Paulo
São Paulo, Brazil



Clément Gaultier

Hearing Institute
Paris, France



Tobias Goehring

University of Zurich and University
Hospital Zurich
Zurich, Switzerland



Simone Graetzer

University of Salford
Greater Manchester, United Kingdom



Jessica Monaghan

National Acoustic Laboratories
Sydney, Australia



Nikki Philpott
(Treasurer)

Radboud University
Medical Center Nijmegen
Nijmegen, The Netherlands



Joaquin T. Valderrama

University of Granada
Granada, Spain



Shangqiguo Wang

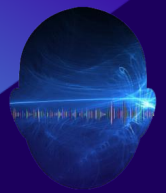
The University of Hong Kong
Hong Kong, China



Jan-Willem Wasmann
(President)

Radboud University
Medical Center Nijmegen
Nijmegen, The Netherlands

CAN at WCA 2026



Planned session: AI for the Ear and Beyond 07:45-09:05 May 27 (Wed) Rm. 103

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In this session, we will explore applications of AI in ear and healthcare globally. Through four presentations, attendees will gain insights into innovative projects. The session will conclude with a Q&A and panel discussion. This session offers a unique opportunity to explore cutting-edge AI applications in audiology.

Presentations

- AI-driven virtual personas for clinician communication training in audiology (Nicky CHONG-WHITE, Australia)
- Piloting AI-assisted otoscopy in primary care: A digital innovation to transform childhood ear disease diagnosis in Aotearoa New Zealand (Michelle A. POKORNY, New Zealand, Erin KEACH, New Zealand)
- VR-based fine-tuning of hearing device settings (André GOEDEGEBURE, The Netherlands)
- Art of hearing: A digital dialogue between audiology and creativity (Selvarani MOODLEY, South Africa)

Session chairs

- Gloria ARAIZA-ILLAN, The Netherlands; Shangqiguo WANG, Hong Kong SAR; Jan-Willem WASMANN, The Netherlands

Sunday, May 24

WCA workshop

“The Force Awakens: Robots, Avatars, and ASR in Clinical Audiology”

Led by Gloria Araiza-Illan and Jan-Willem Wasmann, with live demos and discussion of robots, AI-avatars, VR, and automated speech recognition in hearing healthcare.

Fee: USD 100. Registration via WCA 2026 Seoul.

Sunday evening, May 24

CAN social event

After the WCA Welcome Reception, CAN-SIG members and Friends of CAN are invited to a casual get-together.

Grab a drink, enjoy food, and explore Seoul's nightlife together.



Join us for drinks!

Monday, May 25 | 17:00 Seoul

CAN-SIG meeting

60-minute hybrid member meeting.

Location: Room 206 (WCA Seoul) and Zoom.

Draft agenda includes CAN Foundation, Strategic Work Plan 2026-2028, JOCA: Gauging Interest, and Q&A.

June 19 | June 25-26 **VCCA 2026!**

VCCA 2026

Free, fully virtual conference hosted from Spain.

Pre-conference workshops on June 19 cover machine learning for hearing science and computational models of the auditory periphery.

Main conference dates: June 25-26, 2026.

Also on the agenda: JOCA

CAN will gauge member interest in the forthcoming Journal of Computational Audiology during the CAN-SIG meeting.



More CAN updates