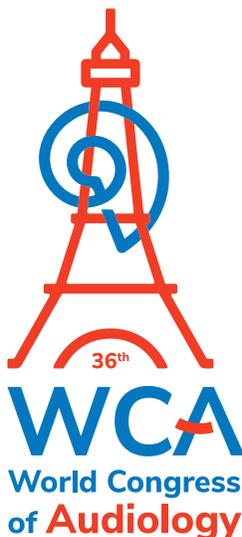


Final programme

For an updated version of the programme please scan the QR code



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Paris, France
CNIT Paris La Défense



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Sommaire

Programme overview	4
Scientific programme	13
 Auditory Implants	14
 Auditory Objective Measures	19
 Basic and Translational Research	22
 Clinical Genetics	26
 Cognition	27
 Complex Auditory Disorders	30
 Francophone session	33
 Global Audiology & Public Health	34
 Hearing Aids	37
 Innovative Technologies and Translational Therapies	42
 Noise Exposure	46
 Ototoxicity	47
 Psychophysics & Music Perception	48
 Screening and Diagnostic	49
 Single Sided Deafness & Asymmetric Hearing Loss	53
 Speech and Language	54
 Tinnitus and Hyperacusis	56
 Vertigo and Balance Disorders	59
 WCA Related Society sessions	63
 Poster sessions	66
 Symposia	70
Exhibition plan	74
Our partners	78
CNIT Paris La Défense	80



Thursday 19 September

Amphitheater
Séquoia

Amphitheater
Epicéa

Room
Dattier 1

Room
Dattier 2

10:00 Registration

10:00

11:30

Free Paper
Basic and Translational
Research

Workshop
Getting the First-Fit
Right: Important
Insights from Binaural
Broadband Loudness
Perception

11:15

13:15

11:30 ▶ 13:00

Free Paper
Public Health

Workshop
Imaging or genetic
diagnosis for Meniere's
disease ?

13:00 ▶ 13:45 Light Lunch

13:45

14:45

Planned Session
Reframing Hearing Loss
and Cognition: What
Matters from Physician,
Geriatrician, and
Audiologist Perspectives

Planned Session
State-of-the-art:
Bilateral Vestibulopathy
and Vestibular Implant

14:45

15:45

Planned Session
Central Markers
of Hearing Restoration

Planned Session
Third Window
Syndromes : from
Diagnosis to Current
Treatment Options

15:45 ▶ 16:00 Break

16:00

17:00

Planned Session
From bench to bedside
and back again: new
insights in audiology

Planned Session
e-Health

17:00

18:00

Planned Session
WHO Session
Make Listening Safe

Planned Session
Tinnitus and Hyperacusis :
Multimodal Plasticity

18:00

19:00

WCA 2024
Opening ceremony

Room Dattier 3

Room Dragonnier 3

Room Dragonnier 4

Room Dragonnier 5

Room Dragonnier 6

10:00 Registration

Workshop
 How to Assess Vestibular Function in Children from A to Z?

10:00 ▶ 11:00
Workshop
 What Do You Need to Know about Somatosensory Tinnitus in 2024 ?

Workshop
 ABR and ASSR Measures as Central Pillars of Objective Audiometry

Workshop
 Assessing Listening Effort: Pupillometry for Dummies

Workshop
 Hearing evaluation in the clinic - when & how to test auditory processing

10:00
 ▼
 11:30

11:00 ▶ 12:00
Workshop
 How to Manage Pulsatile Tinnitus : The Neuroradiological Approach

Workshop
 Objective Assessment of Infant Hearing

Workshop
 Auditory Neuropathy

Workshop
 Auditory training approaches in children with listening difficulties and in adults with cochlear implants

11:45
 ▼
 13:15

Workshop
 HINTS ++ for an accurate diagnosis in current peripheral vestibular disorders

12:00 ▶ 13:00
Workshop
 Contribution of middle ear and multimodal plasticity to tinnitus and hyperacusis

13:00 ▶ 13:45 Light Lunch

Francophone session
 Session AFrEPA

13:45
 ▼
 16:15

15:45 ▶ 16:00 Break



Friday 20 September

	Amphitheater Séquoia	Room Dattier 1	Room Dattier 2	Room Dattier 3
8:00 ▼ 9:30	Plenary Session Hearing Loss & Cognition			
9:30 ▶ 10:15 Industry Break				
10:15 ▼ 11:15	Planned Session Diagnostic imaging of inner ear diseases (hearing disorders)	Free Paper Management of Pulsatile, Rhythmic and Somatosensory Tinnitus	Free Paper Auditory objective measures	Free Paper Speech & Language (Children)
11:15 ▼ 12:15	Planned Session Hearing and Learning Disorders	Planned Session Auditory plasticity in health and disease	Free Paper Screening & Testing (Adults)	Free Paper Hearing amplification to improve quality of life
12:15 ▼ 13:30	CRS Amplifon Lunch Symposium There's more to Audiology than meets the Ear	12:30 ▶ 13:30 Symposium GRANDAUDITION ENT & Audioprosthesis: An essential team	12:30 ▶ 13:30 Symposium Sensorion Treating Hearing Loss : Are we at the dawn of a therapeutic revolution?	
13:30 ▼ 14:30	Planned Session Auditory Neuropathy Spectrum Disorder	Planned Session Central Reorganization Following Cochlear Implantation	Free Paper e-Health	Planned Session Audiology and the WHO World Rehabilitation Alliance: Integrating hearing care in comprehensive inter-professional primary care
14:30 ▼ 15:30	Planned Session Deafness care : different international healthcare models	Free Paper Noise Exposure	Planned Session The future of auditory implants	Free Paper Clinical Genetics
15:30 ▶ 16:00 Industry Break				
16:00 ▼ 17:00	Planned Session Patient-Reported Outcome Measures (PROMs)	Free Paper Middle Ear Implant	Planned Session Promises and challenges of gene therapy	Planned Session Psychophysics
17:00 ▼ 18:00	Planned Session Hidden Hearing Loss: Peripheral and Central Views of Speech-in-Noise Consequences	Free Paper Vertigo & Balance Disorders in the Child	Free Paper Children's Auditory Implants	Free Paper Electrophysiology & Auditory Evoked Potentials
18:00 ▼ 19:00				

**Room
Dragonnier 3**

**Room
Dragonnier 4**

**Room
Dragonnier 5**

**Room
Dragonnier 6**

8:00

9:30

9:30 ▶ 10:15 *Industry Break*

Planned Session
Auditory Implants
in the Elderly

Planned Session
Specific Hearing
Losses Profiles
(Children)

Planned Session
Fluctuating
Vestibulopathy, Hydrops,
Menière Disease and
Assimilated Conditions

Planned Session
Audiology, the internet
and clinical care:
Opinions and attitudes
from around the world

10:15

11:15

Free Paper
Auditory Implants
for Adults

Free Paper
Age-Related Hearing
Loss & Cognition

Free Paper
Vertigo & Balance
Disorders: Objective
Vestibular Assessment
Measuring Vestibulo-
Ocular Responses
and Otolith Function

Planned Session
Big Data :
Modelling & Predicting

11:15

12:15

12:30 ▶ 13:30

Symposium
MED-EL

12:30

13:30

Free Paper
Children's Auditory
Implants

Planned Session
Hearing Aids :
Age-Related Minimal
and Mild Hearing Losses

Planned Session
State-of-the-art:
Objective vestibular
assessment measuring
vestibulo-ocular
responses and otolith
function in 2024

Planned Session
Living Guidelines
for Adult Cochlear
Implantation

13:30

14:30

Planned Session
New and collaborative
practices in pediatric
hearing aid fitting

Planned Session
Speech-In-Noise

Planned Session
Vertigo of Central Origin -
Update on peripheral
& central vestibular
syndrome

Free Paper
Clinical Trials in
Audiology
and Otoneurology

14:30

15:30

15:30 ▶ 16:00 *Industry Break*

Planned Session
Age-Related Hearing
Loss-Outcomes Measures
with Hearing Instruments

Planned Session
Neural Correlates
of Tinnitus in Humans

Planned Session
Hearing Aids:
Current Fitting Trends
in the Elderly

Planned Session
Global Aspects
of Newborn Hearing
Screening

16:00

17:00

Planned Session
Auditory Digital
Training Techniques

Planned Session
Education Programs

Planned Session
Gene therapy in 2024

Planned Session
YO-IFOS session

17:00

18:00

General Assembly
ISA General Assembly

18:00

19:00



Saturday 21 September

Cognition
Tinnitus and Hyperacusis

	Amphitheater Séquoia	Room Dattier 1	Room Dattier 2	Room Dattier 3
8:00 ▼ 9:30	Plenary Session Hearing and Neurodevelopmental Disorders			
9:30 ▼ 10:15				
	10:15 ▶ 10:45 Industry Break			
10:45 ▼ 11:45	Planned Session Single-Sided Deafness & Asymmetric Hearing Loss : Current Therapeutic Challenges	Free Paper Age-Related Hearing Loss & Cognition	Free Paper Psychophysics	Free Paper Big Data and Artificial Intelligence
11:45 ▼ 12:45	Planned Session Auditory Implants for Adults	Planned Session Very Low Frequencies	Planned Session BIAP session	Free Paper Hearing amplification to improve quality of life
12:45 ▼ 13:45			12:45 ▶ 13:45 Symposium <i>Krys Audition</i> From Hearing screening to complex cases management	13:00 ▶ 14:00 Planned Session ISA Affiliated Societies Meeting
14:00 ▼ 15:00	Planned Session Innovative Technologies and Translational Therapies for Deafness	Planned Session Single-Sided Deafness & Asymmetric Hearing Loss: Current Therapeutic Challenges Child	Free Paper Variability of Hearing Aids Funding and Delivery across Countries	Planned Session Introduction to Global Audiology Initiative
15:00 ▼ 16:00	Planned Session Emerging considerations in gene therapy to address the multifaceted nature hearing loss	Free Paper Vertigo & Balance Disorders: Fluctuating Vestibulopathy, Hydrops, Menière Disease and Assimilated Conditions	Free Paper Speech and Noise	Planned Session Global Outreach
	16:00 ▶ 16:30 Industry Break			
16:30 ▼ 17:30	Planned Session Diagnostic imaging of inner ear diseases (vestibular disorders)	Planned Session International Classification of Functioning, Disability and Health model (ICF) in Cochlear Implant recipients	Planned Session Hearing rehabilitation to improve quality of life	Planned Session Ask the ICRA Experts

**Room
Dragonnier 3**

**Room
Dragonnier 4**

**Room
Dragonnier 5**

**Room
Dragonnier 6**

8:00

9:30

9:30

10:15

10:15 ▶ 10:45 Industry Break

Planned Session
Screening & Testing
(Adults)

Planned Session
Listening Effort

Planned Session
Vertigo & Balance
Disorders in the Child

Planned Session
Audiology profiling -
characterizing and linking
audiological knowledge
from different data
sources

10:45

11:45

Planned Session
Establishment and
Development of the
Korean Audiologic
Society

Planned Session
International Association
of Communication,
Sciences and Disorders
session : Tackling the
problem of the Blind Men
and the Elephant in APD by
emphasising the need for
multidisciplinary practice

Free Paper
Screening & Testing
(Adults)

Planned Session
Research studies Hearing
Aid (adult)

11:45

12:45

12:45 ▶ 13:45

Symposium Sonova
Audiological Care
How Audiology can profit
from (big) data analysis:
from clinical practice to
basic science and medical
device development

12:45

13:45

Planned Session
Auditory Objective
Measures

Planned Session
The implications of missed
opportunities for infants
with cochlear implants
prior to implantation

Pitch
Pitches Innovation
in Audiology

Planned Session
Incorporating evidence
in audiological rehabilitation

14:00

15:00

Free Paper
Electrophysiology
& Auditory Evoked
Potentials

Free Paper
Innovative Training
Techniques for Auditory
and Language Disorders

Pitch
Pitches Innovation
in Audiology

Planned Session
Tinnitus and Hyperacusis :
Innovative Interventions

15:00

16:00

16:00 ▶ 16:30 Industry Break

Planned Session
IERASG session
Electrophysiology
& Auditory Evoked
Potentials: Objective
evaluation of auditory
function from cochlea
to cortex: Advances
in auditory evoked
potentials

Planned Session
Clinical Genetics

Planned Session
Frontiers in Immune
Mediated Ear Disease

Planned Session
Auditory Implants:
Surgical considerations

16:30

17:30



Sunday 22 September

Cognition

	Amphitheater Séquoia	Room Dattier 1	Room Dattier 2	Room Dattier 3
8:00	Plenary Session Ototoxicity			
9:30				
9:30 ▶ 10:00 Industry Break				
10:00	Planned Session Speech and Language Disorders in Children	Free Paper Listening effort	Free Paper ANSD and Hidden Hearing Loss	Free Paper Hearing aid: updates on management and care for children
11:00				
11:00	Planned Session Auditory Implants: Decision making	Free Paper Newborn Hearing Screening	11:00 ▶ 11:30 Free Paper Speech Perception	Planned Session Challenges of bone conduction hearing aid for children
12:00				
12:00	Planned Session Frontiers in Innovating in Medical Devices and Therapeutics	Free Paper Clinical Trials in Audiology and Otoneurology	11:30 ▶ 13:00 Free Paper Hearing amplification to improve quality of life	Free Paper Psychophysics
13:00				
12:00 ▶ 13:15 Lunch and Exhibition				
13:15	Planned Session International Best Practices	Free Paper Auditory Implants for Adults	Poster session	Poster session
14:15				
14:15				
14:45				
14:45				
15:30				

**Room
Dragonnier 3**

**Room
Dragonnier 4**

**Room
Dragonnier 5**

**Room
Dragonnier 6**

8:00

9:30

9:30 ▶ 10:00 *Industry Break*

Planned Session
Noise Exposure

Planned Session
Computational
Audiology Network

Planned Session
Robotics in Otology

Free Paper
Tinnitus and Hyperacusis :
Sound Therapies

10:00

11:00

Free Paper
Single-Sided Deafness
& Asymmetric Hearing
Loss

Planned Session
Global Hearing Care:
Ethics and Economics

Free Paper
Tinnitus and Hyperacusis :
Cognitive Approaches

11:00

12:00

Free Paper
Screening & Testing
(Adults)

Free Paper
Complex Auditory
Disorders

Planned Session
Frontiers in auditory
processing, learning,
and plasticity

Planned Session
Frontiers in therapeutic
development for hearing
loss: genetic, regenerative,
and pharmacological
approaches targeting
the auditory system from
the cochlea to the cortex

12:00

13:00

12:00 ▶ 13:15 *Lunch and Exhibition*

Planned Session
Bone Conduction
Amplification

13:15 ▶ 13:45
Free Paper
Bimodal Stimulation

Free Paper
Electrophysiology
& Auditory Evoked
Potentials

Free Paper
Auditory Objective
Measures

13:15

14:15

Free Paper
Bone Conduction
Amplification

13:45 ▶ 14:45
Planned Session
Bimodal Stimulation

14:15

14:45

WCA 2024
Closing Ceremony

14:45

15:30

WCA
PARIS 2024

**Scientific
programme**

Friday 20 September

PLANNED SESSION

10:15 ▶ 11:15

ROOM DRAGONNIER 3

Auditory Implants in the Elderly

CHAIRMEN

Jun HO LEE South Korea
Thomas LENARZ Germany
Angel RAMOS-MACIAS Spain

Cochlear Implant Outcomes in the Elderly Patients: Experience over 10 years in Asan Medical Center

Joong Ho HO AHN Republic of Korea

Cognitive improvement after cochlear implantation in older adults with severe or profound hearing impairment: a prospective, longitudinal controlled multicenter study

Griet MERTENS

Cochlear implant outcomes in the elderly
Catherine BIRMAN France

FREE PAPER

11:15 ▶ 12:15

ROOM DRAGONNIER 3

Auditory Implants for Adults

CHAIRMAN

Ghada BINKHAMIS

Visibility and Disclosure: The Role of Totally Implantable Cochlear Implants in Shaping Identity and Stigma
Chi Yhun LO Canada

Development of the LivCI: a patient-reported outcome measure of personal factors that influence how people accept, use, and live with cochlear implants.

Catherine SUCHER Australia

Development of a Core Outcome Set to evaluate Remote Technologies for Cochlear Implant Users

Catherine SUCHER Australia

Anatomy-based fitting in unexperienced cochlear implant users

Emilie HEUNINCK Belgium

Speech perception in noise is quite robust against desynchronizing stimulation timing in bilateral cochlear implant users

Tobias RAFFELBERGER Austria

Hearing rehabilitation for bilateral severe-to-profound hearing loss in patients with neurofibromatosis type 2-related schwannomatosis

Hannah DAUDI France

Preservation of Residual Hearing after cochlear implantation and Detection of SENS-401 in Perilymph: Preliminary results from a Phase IIa Clinical Trial of Repeated Oral Administration of SENS-401 in Cochlear Implant Patients

Christophe VINCENT

FREE PAPER

13:30 ▶ 14:30

ROOM DRAGONNIER 3

Children's Auditory Implants

CHAIRMEN

Sonia AYARI
Rémi MARIANOWSKI France
Michel MONDAIN France

Longitudinal observation of benefit after sequential bilateral cochlear implantation in prelingually deaf children

Anita OBRYCKA Poland

The 'real-life' benefits of hearing preservation cochlear implantation (HCPI) in the paediatric population: a single-site case-control study

Yuhan WONG United Kingdom

Effects of music training on social, behavioral, and academic skills of children with cochlear implants

Paula SAID Brazil

Exploring Tech Usage Patterns in Young Cochlear Implants Recipients: Preliminary Findings

Ahmet Alperen AKBULUT Turkey

Expansion of MED-EL Pediatric Cochlear Implant Indications in the United States

Nancy YOUNG United States

Exploring Socioeconomic Determinants of Health in Pediatric Cochlear Implant Recipients: Implications for Access, Usage, and Outcomes

Celine RICHARD *United States*

FREE PAPER

16:00 ▶ 17:00

ROOM DATTIER 1

Middle Ear Implant

CHAIRMAN

Françoise DENOYELLE *France*

Evaluation of Vibrant soundbridge couplers using a mechanical middle ear model

Christof STIEGER *Switzerland*

Evidence-based indication of acoustic implants

Hannes MAIER *Germany*

Assessment of the efficiency of different coupling methods for an active middle ear implant by intraoperative measurements of auditory brainstem responses

Mario CEBULLA *Germany*

Inverse use of electromagnetic actuators: a feasibility study

Carolina KÖSTLER *Germany*

Superior sound localization with bilateral middle ear implants

Martijn AGTERBERG *Netherlands*

Long-term outcomes of retrospective case series of middle ear implantation with Vibrant Soundbridge in children with congenital aural atresia

Barbara CADRE *France*

FREE PAPER

17:00 ▶ 18:00

ROOM DATTIER 2

Children's Auditory Implants

CHAIRMAN

Marie-Noelle CALMELS

Spatial Hearing Training for Young Bilateral Cochlear Implant Users: The BEARS approach

Deborah VICKERS *United Kingdom*

"I prefer noise because it's more difficult ..." Or, is there a difference in sound localization in children using bisyllabic words compared to conventional noise stimuli?

Elisabeth ZANGERL *Austria*

Speech Perception in noise in cochlear implanted children

Letizia GUERZONI *Italy*

Change in visually-evoked cross-modal neural activity in children from before to after cochlear implantation

Irene ARRIETA-SAGREDO

Cortical plasticity after auditory brainstem implant in congenital hearing loss

Hao WU *China*

Spoken Word Processing in Young Children with Cochlear Implants: Evidence from eye-tracking

Youngmee LEE *Republic of Korea*

A new stapedius-reflex-fitting-method for cochlear implant users

Theresa PIMMINGER

Saturday 21 September

PLANNED SESSION

11:45 ▶ 12:45

AMPHITHEATER SÉQUOIA

Auditory Implants for Adults

CHAIRMEN

Maria PEIXOTO

Vincent VAN ROMPEAY *Belgium*

Hao WU *China*

Challenges of reaching adults from different cultural and ethnic populations: how to make the assessment process inclusive

Deborah VICKERS *United Kingdom*

Cortical responses, telemetry and its potential application to automatic fitting

Andy BEYNON *Netherlands*

CI in single-sided deafness, 20 years of follow-up

Griet MERTENS *Netherlands*

PLANNED SESSION

16:30 ▶ 17:30

📍 ROOM DRAGONNIER 6

Auditory Implants:
Surgical considerations

CHAIRMEN

Piotr SKARZYNSKI Poland**Natacha TEISSIER** France

Vestibular awareness in pediatric cochlear implantation

Audrey MAUDOUX France

Surgical considerations in case of cochlear malformations

Catherine BIRMAN France

Residual hearing and inner ear malformation

Piotr SKARZYNSKI Poland

Complications, device failure, and reimplantation

Thomas LENARZ GermanySunday
22 September

PLANNED SESSION

10:00 ▶ 11:00

📍 ROOM DRAGONNIER 5

Robotics in Otology

CHAIRMEN

Rémi MARIANOWSKI France**Vedat TOPSAKAL** Belgium

To be determined

Vedat TOPSAKAL BelgiumRobot-based insertion during cochlear implantation : current state of knowledge
Yann NGUYEN France

Navigation and robotic cochlear insertion toward a micrometric surgery

Rémi MARIANOWSKI France

Keyhole surgery using direct cochlear access for cochlear implantation

Frédéric VENAIL France

PLANNED SESSION

11:00 ▶ 12:00

📍 AMPHITHEATER SÉQUOIA

Auditory Implants:
Decision making

CHAIRMEN

Jong woo CHUNG South Korea**Natalie LOUNDON** France**Ranjith RAJESWARAN** India

Meaning and limitations of genetic testing in pediatric cochlear implantation

Kyu-Yup YUP LEE Republic of Korea

Role of Trans tympanic electrically evoked auditory brainstem response in decision making in children with inner ear & nerve anomaly

Ranjith RAJESWARAN India

Intracochlear electrocochleography in pediatric cochlear implant users with residual acoustic hearing

Kim JEONGSEO France

Longterm results of cochlear implantation in children with low social maturation score

Jong Woo CHUNG South Korea

FREE PAPER

13:15 ▶ 14:45

📍 ROOM DATTIER 1

Auditory Implants
for Adults

Cochlear Implant Outcomes and Cognitive Health: A Longitudinal Evaluation of Adults (COCHLEA) through to 54-months post-

Julia SARANT Australia

Comparison of tonotopic and default frequency fitting for pitch and music perception in new cochlear implant users: a prospective, randomized, double-blind, cross-over study

Gwenaelle CREFF France

Auditory, visual, and cognitive performance of adults with severe-to-profound hearing loss in relation to cochlear implant outcome

Dorien CEULEERS Belgium

Recovering speech intelligibility with deep learning and multiple microphones in noisy-reverberant situations for people using cochlear implants

Clément GAULTIER United Kingdom

Comparison of Behind-the-Ear vs Off-the-Ear Speech Processors in Cochlear Implants: A Systematic Review

Muhammed AYAS *United Arab Emirates*

CI Services Matter

Sue ARCHBOLD *United Kingdom*

The role of cochlear implantation in patients with tinnitus. A prospective study in single-side deafness patients

Yeonjoo CHOI

The acoustic change complex compared to onset auditory evoked potentials in unilaterally and bilaterally deaf cochlear implant users

Laura JACXSENS *Belgium*

Longitudinal measurements of subjective loudness and neural auditory responses following cochlear implant stimulation

Dorothee ARZOUNIAN *United Kingdom*

Hearing Preservation Outcomes using a Pre-Surgical Planning Tool and Robotic Electrode Insertion

Camille DUNN *United States*

Influence of microphone directionalities on speech understanding in noise for speech presentation from different directions in bimodal and bilateral CI users

Angelika KOTHE *Germany*

PLANNED SESSION

13:15 ▶ 14:15

ROOM DRAGONNIER 3

Bone Conduction Amplification

CHAIRMEN

Françoise DENOYELLE *France*

Bill HODGETTS *Canada*

Outcomes of the Bonedbridge in Children and Adults

Thomas MAYR

Safety and effectiveness of the Osia active transcutaneous bone anchored hearing device in children

Karen GORDON *Canada*

Fitting and Verifying Bone Conduction Hearing Devices to Infants and Children

Marlene BAGATTO *Canada*

Fitting and Verifying Bone Conduction Hearing Devices to Adults

Bill HODGETTS *Canada*

FREE PAPER

13:15 ▶ 13:45

ROOM DRAGONNIER 4

Bimodal Stimulation

Evaluation & Importance of Bimodality Adaptation in Mexican Pediatric Patients.

Silvia ORTIZ *Mexico*

Effect of an interaural frequency mismatch on binaural fusion in acoustic and simulated cochlear-implant listening

Martin DELIGNY *Germany*

Speech Perception and Sound Localization Ability in CI Subjects with Electric-Acoustic Stimulation and Contralateral Normal Hearing

Tobias WEISSGERBER *Germany*

The effect of combined temporal and anatomy-based fitting on sound localization in bimodal listeners

Stefan ZIRN *Germany*

PLANNED SESSION

13:45 ▶ 14:45

ROOM DRAGONNIER 4

Bimodal Stimulation

CHAIRMEN

Robert TROTIC *Croatia*

Christophe VINCENT *France*

The Benefits of Bimodal Stimulation

Lana KOVAC BILIC *Croatia*

The Audiological Aspects of Bimodal Stimulation

Dorothe VERAGUTH *Switzerland*

The Surgical Aspects of Bimodal Stimulation

Thomas MAYR

The Challenging Cases of Bimodal Stimulation

Andro KOSEC *Croatia*

FREE PAPER

14:15 ▶ 14:45

📍 ROOM DRAGONNIER 3

Bone Conduction Amplification

CHAIRMEN

Elisabeth MAMELLE *France*

Jérôme NEVOUX *France*

Sandra ZAUCHE *France*

Audiological Performance and Speech Recognition in Individuals with Conductive and Mixed Hearing Loss Implanted with Various Surgically Implantable Hearing Prostheses

Luiz LOURENCONE *Brazil*

Adhesive versus passive bone conduction implants

Luis LASSALETTA *Spain*

Audiological benefits and performance improvements of the Osia® 2 System

Young JOON SEO *Republic of Korea*

Assessment Protocol for Candidates for Bone-Anchored Hearing Devices

Manuela DEL CARMEN ZAPATA

Friday
20 September

FREE PAPER

10:15 ▶ 11:15

ROOM DATTIER 2

Auditory objective measures

Development of a Test Battery for Hidden Hearing Loss

Carole JOHNSON *United States*

Electrophysiological assessment of temporal envelope modulation encoding for the fitting of cochlear implants

Elise VERWAERDE *Belgium*

Validation of SPL Chirp for ECoChG measurement

Adam WALKOWIAK *Poland*

fNIRS technology addresses unmet needs in paediatric audiology clinics

Colette Mary MCKAY

Development and standardization of a new sound localization test for the pediatric population

Adrien KRISTIANSEN

What can intertalker saccades tell us about speech-in-noise perception in a conversation?

Martha M. SHIELL

Measures of Sound Intensity in Normal-Hearing Listeners and Hearing-Aid Users

Elsa LEGRIS *France*

FREE PAPER

17:00 ▶ 18:00

ROOM DATTIER 3

Electrophysiology & Auditory Evoked Potentials

CHAIRMEN

Sonanda BAILLEUX *France*

Sophie BOUCHER *France*

Fanny MERKLEN *France*

Electrically evoked auditory brainstem responses and genetic testing in children with auditory neuropathy spectrum disorder

Maria LALAYANTS *Russia*

Wideband absorbance can predict the severity of conductive hearing loss in children with otitis media with effusion

Joseph KEI *Australia*

Optimizing Intraoperative Hearing Function Monitoring in Middle Ear Surgeries:

A Modified ASSR Test Method Utilizing Acoustic Masking

Yu SI *China*

Hearing threshold estimation with 8 channels and 7.5 minutes of EEG data from awake participants

Oscar PORTOLES *Netherlands*

Cortical effects of left or right unilateral deafness in children receiving cochlear implants

Hanne BARTELS *Belgium*

Identifying Appropriate Stimuli for Investigating Frequency-Following Responses in Sensorineural Hearing Loss: Effects of Vowel Order and Consonant Presence

Laura JACXSENS *Belgium*

Resilience and vulnerability of neural speech tracking after cochlear implantation in congenitally and acquired deaf children

Alessandra FEDERICI *Italy*

Saturday 21 September

PLANNED SESSION

14:00 ▶ 15:00

ROOM DRAGONNIER 3

Auditory Objective Measures

CHAIRMEN

Karolina KLUK DE KORT *United Kingdom*

Madalina GEORGESCU *Romania*

NIRS for hearing assessment of infants

Colette MCKAY *Australia*

Slight to mild hearing loss in prematurity:
Improved detection and links to language
outcomes

Lisa HUNTER *Usa*

Cortical evoked potentials in infants

Anisa VISRAM *United Kingdom*

Spontaneous EEG in the Infant Brain:
Prematurity and Hearing Loss

Chelsea BLANKENSHIP

CERA in implanted patients

Madalina GEORGESCU *Romania*

FREE PAPER

15:00 ▶ 16:00

ROOM DRAGONNIER 3

Electrophysiology & Auditory Evoked Potentials

CHAIRMEN

Suzanne PURDY *New Zealand*

Martin WALGER *Germany*

Contribution of Auditory Nerve Fibers
to the Compound Action Potential of the
Auditory Nerve in Humans

Jérôme BOURIEN *France*

Development of a Novel Muti-deviant Pa-
radigm to Investigate Temporal Resolution
Ability: A Pilot Study

Shaghayegh OMIDVAR *Canada*

Neural correlates of fine structure and
temporal envelope in the human auditory
nerve

Xavier DUBERNARD *France*

Relationship between compound action
potential of the human auditory nerve
and speech recognition performance

Arthur SEIDERMANN

Electroacoustic and Electrophysiological
evaluation in patients with type 1 Diabetes
Mellitus: Preliminary Results

Luiz LOURENCONE *Brazil*

RECD-corrected stimuli for more accurate
ABR thresholds estimation

Gaziz TUFATULIN *Russia*

Platinum-induced ototoxicity in adults: pre-
liminary results of the Envelope Following
Response as a potential biomarker

Heleen VAN DER BIEST *Belgium*

Sunday 22 September

FREE PAPER

13:15 ▶ 14:45

ROOM DRAGONNIER 5

Electrophysiology & Auditory Evoked Potentials

Auditory Steady-State Response as an objective measurement of hearing in users of non-implantable bone conduction device

Caroline VALIM Austria

Importance of Computer-Based Temporal Processing Training on Children with Temporal processing deficit: Behavioral & Electrophysiological measures

Mallesha NAYANA

Updates in Evoked Potentials: Using the Frequency Following Responses as a window to the human brain

Amineh KORAVAND Canada

Transducer shielding for improved bone conduction stimulated ABR measurements

Karl-Johan FREDÉN JANSSON Sweden

Asymmetry of ECAP latencies in sequential cochlear implants: an effect of Lateral Olivo-Cochlear bundle?

Sandro BURDO

Effect of Polarity on Auditory Brainstem Response In Infants: A Comparative Study

Sg SRUTHI

Cortical and Subcortical Auditory System in Fetal Alcohol Spectrum Disorder. An electrophysiological perspective.

Sheila TEMPLADO Spain

Multifrequency electrically evoked stapedius reflex

Natalia ZAJACZKOWSKI

Electrically evoked compound potential indicators of poor electrode-neural interface in cochlear implant recipients

Chris J. JAMES

Cochlear nerve deficiency: CI or ABI

Hao WU China

FREE PAPER

13:15 ▶ 14:45

ROOM DRAGONNIER 6

Auditory Objective Measures

Intra-operative measurements of the stapedius reflex via EMG - A feasibility clinical study

Orlando GUNTINAS-LICHIUS

Acoustic Reflex Latency Measurement and Analysis

Leigh BIAGH DE JAGER South Africa

British Iowa Test of Consonant Perception- Developing and Validating a British Version of Word-in-Babble Test

Xiaoxuan GUO United Kingdom

Safe approach to the stapedius muscle via a novel retrofacial approach: human cadaver study followed by clinical validation during cochlear implant surgery

Orlando GUNTINAS-LICHIUS Germany

Sensitive Stapedius Reflex Measurements Based on Electromyographic Signals in a Sheep Model

Dirk ARNOLD Germany

A Longitudinal Analysis on the Impact of Slight to Mild Hearing Loss on Academic Performance and Behavioral Outcomes in a Population-based Cohort Study of 9-15 year olds

Stefanie REIJERS Netherlands

The Long-Term Effect of Childhood Otitis Media on Repeated Measures of Speech in Noise Testing at Ages 9 and 13

Stefanie REIJERS Netherlands

Development of a neural health test battery for first-in-human trials of advanced therapies for hearing loss

Eleni GENITSARIDI Greece

Middle-ear pressure changes for stapedius reflex monitoring

Gerd VOLK

First clinical experience with SmartNav System

Vigen BAKHSHINYAN Russia

Thursday 19 September

FREE PAPER

10:00 ▶ 11:30

📍 ROOM DATTIER 1

Basic and Translational Research

CHAIRMEN

Boris GOUREVITCH

Fatima HUSAIN *United States*

Protective Effect of Exosomes Derived from Mesenchymal Stem Cells against Neomycin-Induced Ototoxicity in Mice

Furong MA *China*

Unveiling a new vision for sensorineural hearing loss: the gut-ear axis

Anna Rita FETONI *Italy*

Advancing the Science on Ototoxicity: Results of a Scoping Review of Occupational Co-Exposures to Solvents and Noise

Adrian FUENTE *Canada*

High-frequency hearing vulnerability associated with the different supporting potential of Hensen's cells: SMART-Seq2 RNA sequencing

Lihui HUANG *China*

Simulation of a endolymphatic hydrops state by disruption of labyrinthine fluids homeostasis in animal

Idir DJENNAOUI *France*

Genetic polymorphisms of MMP9 and BDNF as a biomarkers of neuroplasticity in prelingual deafness treatment by cochlear implantation

Matusiak MONIKA

Auditory neuropathy in mice and humans with Friedreich ataxia

David SLY *Australia*

You Can't Improve What you Don't Measure: A New Era in Estimating Population Hearing Loss through the Utilisation of Existing Primary Care Data

Dalia TSIMPIDA *United Kingdom*

Evaluation of the effectiveness of new antiviral treatments on the preservation of hearing, in a murine model of congenital cytomegalovirus-induced hearing loss

Maxime TABEY *France*

The importance of otoferlin alternative splicing isoforms in mouse auditory hair cell synaptic transmission

Didier DULON *France*

FREE PAPER

11:30 ▶ 13:00

📍 ROOM DATTIER 1

Public Health

Does COVID-19 Exacerbate Preexisting Hearing Loss?

Jonathan MIKHAIL *United States*

Self-Reported Clinical Practices in Musician-Centered Hearing Health Care

Colleen LE PRELL *United States*

Prenatal Alcohol Exposure Leading to Left Sided Otoacoustic Emission Deficit.

Yvonne SININGER *United States*

The Impact of Adult-onset Hearing Loss on Earnings and Income Mobility: Evidence from Australian Panel Data

Mohammad NURE ALAM *Australia*

Beyond Hearing Aids: A Culturally Competent Hearing Aid Service for Deaf Sign Language Users

Celia HULME *United Kingdom*

The Behavioral and Cortical Effects of Single-Session Speech-in-Noise Training Utilizing Vocoder Stimuli

Yael ZALTZ *Israel*

An introduction to the healthy hearing ears research platform

Maja OLSSON *Sweden*

Identifying Person-Centred Culturally Responsive Hearing Care Professional Behaviours: An International eDelphi Study

Piers DAWES *Australia*

Developing Australian primary care ear health and hearing check recommendations for young Aboriginal and Torres Strait Islander children.

Samantha HARKUS *Australia*

Advancing Hearing Health Equity for Older Adults: The HEARS RCT

Carrie L. NIEMAN

An overview of hearing impairment in Chinese elderly people based on a 12-year outpatient data review

Fei JI *China*

PLANNED SESSION

16:00 ▶ 17:00

📍 AMPHITHEATER SÉQUOIA

From bench to bedside and back again: new insights in audiology

CHAIRMEN

Paul AVAN France

Hung THAI VAN France

Towards precision medicine for hearing disorders

Christine PETIT France

Leveraging auditory neural oscillations to treat speech and language disorders

Anne Lise GIRAUD France

Age and sex differences in medial olivocochlear function related to reading acquisition

Hung THAI VAN France

Friday
20 September

PLANNED SESSION

11:15 ▶ 12:15

📍 ROOM DATTIER 1

Auditory plasticity in health and disease

CHAIRMEN

Tania BARKAT Switzerland

Nicolas MICHALSKI France

Neuronal plasticity in the developing auditory system

Tania BARKAT Switzerland

Vascular plasticity of the auditory system in health and disease

Nicolas MICHALSKI France

Of mice, models and man: an argument for the importance of sound offsets in hearing

Jennifer LINDEN United Kingdom

PLANNED SESSION

13:30 ▶ 14:30

📍 ROOM DATTIER 1

Central Reorganization Following Cochlear Implantation

CHAIRMAN

Joseph ATTIAS Israel

The Rewiring Brain: Crossmodal and Neurocognitive Plasticity after Hearing Interventions

Anu SHARMA Usa

Reafferentation of the adult deaf brain: results and perspectives across the lifespan

Diane LAZARD Monaco

Endogenous potentials from the cortex to assess long term cortical plasticity

Andy BEYNON Netherlands

Direct Recording of Cortical Auditory Evoked Potentials through the Cochlear Implants

Joseph ATTIAS Israel

PLANNED SESSION

14:30 ▶ 15:30

📍 ROOM DATTIER 2

The future of auditory implants

CHAIRMEN

Brice BATHELLIER France

Tobias MOSER Germany

Toward optogenetic hearing restoration

Tobias MOSER Germany

Auditory cortical implants for the hearing impaired

Brice BATHELLIER France

A sonogenetic cortical implant for sensory restoration

Serge PICAUD France

PLANNED SESSION

16:00 ▶ 17:00

📍 ROOM DATTIER 2

Promises and challenges of gene therapy

CHAIRMEN

Aziz EL AMRAOUI *France***Gwenaelle GELEOC** *Usa*

Why is it more challenging to treat hearing loss

Aziz EL AMRAOUI *France*

New opportunities for corrective gene replacement therapies in the inner ear

Ghizlene LAHLOU *France*

RNA therapies for inner ear disorders: current status

Gwenaelle GELEOC *Usa*

Saturday

21 September

PLANNED SESSION

11:45 ▶ 12:45

📍 ROOM DATTIER 1

Very Low Frequencies

CHAIRMEN

Luc ARNAL *France***Paul AVAN** *France*

Processing of low frequencies and infrasound: perceptual consequences

Carlos Andres JURADO ORELLANA *Norway*

Auditory thresholds and loudness of infrasound and very low frequency signals

Sabine MEUNIER *France*

Low-frequency detection by the apical cochlea, physiological peculiarities

Paul AVAN *France*

PLANNED SESSION

15:00 ▶ 16:00

📍 AMPHITHEATER SÉQUOIA

Emerging considerations in gene therapy to address the multifaceted nature hearing loss

CHAIRMAN

Saaid SAFIEDDINE *France*

Beyond gene therapy for congenital forms of hereditary sensorineural deafness, what are the prospects for late-onset forms?

Christine PETIT *France*

The clockwork of the auditory system

Barbara CALNON *Sweden*

Hidden hearing loss - mechanisms and consequences on auditory processing

Gabriel CORFAS

PLANNED SESSION

16h30 ▶ 17h30

📍 ROOM DRAGONNIER 5

Frontiers in Immune Mediated Ear Disease**Peter SANTA MARIA** *United States***Margaret ENGELHARDT** *United States***Peter KULLAR** *United States***Vincent YUAN** *United States*

Sunday
22 September

PLANNED SESSION

12:00 ▶ 13:00

📍 AMPHITHEATER SÉQUOIA

**Frontiers in Innovating
in Medical Devices
and Therapeutics**

Jose ZEVALLOS

Peter SANTA MARIA *United States*

Mohit SINGHALA *United States*

PLANNED SESSION

12:00 ▶ 13:00

📍 ROOM DRAGONNIER 5

**Frontiers in auditory
processing, learning,
and plasticity**

CHAIRMAN

Michele INSANALLY *United States*

Time-limited integration windows
constrain and organize hierarchical
computation in ferret auditory cortex

Yves BOUBENEC *France*

Dynamic gating of auditory perceptual
flexibility by diverse cortical responses

Michele INSANALLY *United States*

Conservation of sensory processing
in the auditory cortex in sleep

Brice BATHÉLLIER *France*

Feedforward propagation along the mouse
auditory pathway

Jeremie BARRAL *France*

PLANNED SESSION

12:00 ▶ 13:00

📍 ROOM DRAGONNIER 6

**Frontiers in therapeutic
development for hearing
loss: genetic, regenerative,
and pharmacological
approaches targeting
the auditory system from
the cochlea to the cortex**

Strategies to improve the precision and
utility of gene therapies for hearing loss

Christopher CUNNINGHAM *United States*

Towards Hearing Restoration: Hair Cell
Regeneration and Reprogramming
in the Mature Mouse Cochlea

Melissa MCGOVERN *United States*

Mechanisms underlying tinnitus and
hypersensitivity to sound - ?KCNQ2/3
potassium channel openers as a potential
therapy

Thanos TZOUNOPOULOS *United States*

Harnessing cortical plasticity to mitigate
hearing deficits in noisy environments after
noise-induced hearing loss

Manoj KUMAR *United States*

Friday
20 September

FREE PAPER

14:30 ▶ 15:30

📍 ROOM DATTIER 3

Clinical Genetics

CHAIRMEN

Delphine DUPIN DEGUINE France

Sandrine MARLIN France

Contiguous Gene Syndromes and Hearing Loss: a clinical re-port of Xq21 deletion and comprehensive literature review

Agnese FERESIN

Monogenic forms of Age-related hearing loss

Sophie BOUCHER France

Phenotypic characterisation of monogenic uARHL due to myosin genes: a potential explanation for conductive ARHL

Sophie BOUCHER France

Bilateral dilatation of the vestibular aqueduct: clinical, genetic and radiological characterisation and results of cochlear implantation

Ghizlene LAHLOU France

350 families' whole genome sequencing in early onset hearing loss: the French Reference Center's experience

Margaux SEREY-GAUT France

AUNA1 deafness : clinical and audiological characteristics and cochlear implantation outcomes

Ghizlene LAHLOU France

Saturday
21 September

PLANNED SESSION

16:30 ▶ 17:30

📍 ROOM DRAGONNIER 4

Clinical Genetics

CHAIRMEN

An BOUDEWYNS Belgium

Sandrine MARLIN France

Genetics of postlingual hearing loss

Ghizlene LAHLOU France

Genetic prelingual hearing loss

An BOUDEWYNS Belgium

Interests and limits of new genetic technologies in early hearing loss

Sandrine MARLIN France

Thursday 19 September

WORKSHOPS

10:00 ▶ 11:30

📍 ROOM DRAGONNIER 5

Assessing Listening Effort: Pupillometry for Dummies

Adriana ZEKVELD Netherlands

Andreea MICULA

Jorn SANGERS Netherlands

Lauren FINK Canada

WORKSHOPS

11:30 ▶ 13:00

📍 ROOM DRAGONNIER 6

Auditory training approaches in children with listening difficulties and in adults with cochlear implants

David MOORE United States

John GALVIN United States

PLANNED SESSION

13:45 ▶ 14:45

📍 AMPHITHEATER SÉQUOIA

Reframing Hearing Loss and Cognition: What Matters from Physician, Geriatrician, and Audiologist Perspectives

CHAIRMEN

Isabelle MOSNIER France

Julia SARANT Australia

Interprofessional dialogue

Joshua CHODOSH Usa

Interprofessional dialogue

Kathy PICHORA-FULLER Canada

Questions & Answers

Friday 20 September

PLENARY SESSION

8:00 ▶ 9:30

📍 AMPHITHEATER SÉQUOIA

Hearing Loss & Cognition

CHAIRMAN

Kevin MUNRO United Kingdom

Cognition and hearing in children with neurodevelopmental disorders: behaviour

David MOORE United Kingdom

Cognition and hearing in children with neurodevelopmental disorders: neuroscience

Hannah STEWART United Kingdom

Healthy ageing and risk factors for cognitive decline

Helen NUTTAL United Kingdom

Does cognition affect measures of hearing and, if so, how can audiologists modify their services to compensate?

Rebecca MILLMAN United Kingdom

Hearing loss, hearing aids and cognition in adults: association or causality?

Piers DAWES Australia

ACHIEVE RCT

Nicholas REED United States

Discussion

Kevin MUNRO United Kingdom

FREE PAPER

11:15 ▶ 12:15

📍 ROOM DRAGONNIER 4

Age-Related Hearing Loss & Cognition

CHAIRMEN

Isabelle MOSNIER France

Nicola QUARANTA Italy

Christiane VÖLTER Germany

Age Related Hearing Loss and Cognition

Nicola QUARANTA Italy

3-year cognitive outcomes of the Evaluation of Hearing Aids and Cognitive Effects (ENHANCE) study of older adults with hearing loss

Julia SARANT Australia

Hearing loss and its relation to longitudinal changes in white matter microstructure in older adults: the Rotterdam Study

Jordi BOONS *Netherlands*

Hearing loss and impaired short-term memory in a mouse model of Alzheimer's disease

Zahra JAFARI *Canada*

Cognitive trajectories after cochlear implantation

Christiane VÖLTER *Germany*

Functional decline in visual selective attention in individuals with age-related hearing loss

Yingying SHANG *China*

Saturday 21 September

FREE PAPER

10:45 ▶ 11:45

ROOM DATTIER 1

Age-Related Hearing Loss & Cognition

CHAIRMAN

Joël BELMIN *France*

Are presbycusis patients better audio-visual integrators?

Tanguy DELMAS *France*

Left vs. right ear auditory processing: predicting cognitive performance

Jennifer LISTER *United States*

The Top 10 Priorities for Dementia and Hearing Research: A Novel James Lind Alliance Priority Setting Partnership

Eithne HEFFERNAN *United Kingdom*

Adapting a Sensory Support Intervention for Older Adults with Hearing and Vision Impairment for Home-Aged Care Settings in Australia

Piers DAWES *Australia*

Cognitive and auditory contributions to keyword recognition in fluctuating maskers by older adults with normal or impaired hearing

Daniel FOGERTY

Sensorineural hearing loss negatively impacts cognition in older subjects with normal vestibular function

Hanne GOMMEREN *Belgium*

Improved Cognitive Processing Speed After Cochlear Implantation

Isabelle MOSNIER *France*

PLANNED SESSION

10:45 ▶ 11:45

ROOM DRAGONNIER 4

Listening Effort

CHAIRMAN

Sophia KRAMER *Netherlands*

Beyond cognitive effort: a general model of purposeful adaptive responses to adverse conditions

Graham NAYLOR *Uk*

Tim BEECHEY *Uk*

Assessing listening effort and fatigue in daily life utilizing Ecological Momentary Assessment (EMA) and physiological measures

Andreea MICULA *Denmark*

Listening effort and stress in hearing impaired listeners: from the lab to real-life

Adriana ZEKVELD *Netherlands*

Laura HUIZINGA *Netherlands*

Nicole HUIZINGA *Netherlands*

Sophia KRAMER *Netherlands*

Eco DE GEUS

Sunday 22 September

FREE PAPER

10:00 ▶ 11:00

ROOM DATTIER 1

Listening effort

CHAIRMAN

Amanda SAKSIDA Slovenia

Listening effort and fatigue among cochlear implant users: a scoping review

Cato PHILIPS Belgium

Examining the Influence of Speech Perception in Noise on Various Methods of measure Listening Effort

Didem TÜRKYILMAZ Turkey

Attention and Speech Understanding in Noise with Simultaneous Speakers

Lyan PORTO Belgium

Age-related dual-task cost of speech perception in quiet and noise while walking

Yossi BUGANNIM MA

Influence of Auditory Task Demand on Listening Effort and Stress in Adults with Cochlear Implants

Jessica. H. J DE RUIJTER

Exploring dual-task interference before and after cochlear implantation: a longitudinal study in adults with a severe-to-profound hearing loss

Dorien CEULEERS Belgium

The effect of hearing loss and hearing-aid usage on listening strategies in phoneme perception for adult listeners

Mengfan WU United Kingdom

Thursday 19 September

WORKSHOPS

10:00 ▶ 11:30

📍 ROOM DRAGONNIER 6

Hearing evaluation in the clinic - when & how to test auditory processing

Helen GRECH Malta

Hung THAI VAN France

Vivian ILIADOU Greece

Doris Eva BAMIOU United Kingdom

Nadine TABONE Malta

WORKSHOPS

11:30 ▶ 13:00

📍 ROOM DRAGONNIER 5

Auditory Neuropathy

Paul AVAN France

Isabelle ROUILLON

PLANNED SESSION

14:45 ▶ 15:45

📍 AMPHITHEATER SÉQUOIA

Central Markers of Hearing Restoration

CHAIRMEN

Karen GORDON Canada

Andrej KRAL Germany

Brain adaptation to cochlear implant
in Single Side deafness

Mathieu MARX France

Brain development with cochlear implant
use in children with single sided deafness

Karen GORDON Canada

Binaural interactions in congenital
single-sided deafness

Andrej KRAL Germany

Cross-modal functional connectivity
supports speech understanding in cochlear
implant users?

Catherine MCMAHON Australia

Specific effects of auditory deprivation and
cochlear implantation on cortical auditory,
visual and audio-visual speech processing:
A prospective longitudinal EEG study

Pascale SANDMANN Germany

Friday 20 September

PLANNED SESSION

11:15 ▶ 12:15

📍 AMPHITHEATER SÉQUOIA

Hearing and Learning Disorders

CHAIRMEN

Anne lise GIRAUD France

Giorgio LILLI France

Effect of childhood hearing loss on the
subcortical and cortical processing
of speech

Axelle CALCUS

Auditory cortex development plays
a causal role for dyslexia

Michael SKEIDE

Neural oscillations and rehabilitation
of reading disorders in dyslexia

Sophie BOUTON

PLANNED SESSION

13:30 ▶ 14:30

📍 AMPHITHEATER SÉQUOIA

Auditory Neuropathy Spectrum Disorder

CHAIRMEN

Jérôme NEVOUX France

George TAVARTKILADZE Russia

Auditory Synaptopathy: from Mechanism to Diagnostics and Therapies

Tobias MOSER Germany

The outcome of cochlear implantation in auditory neuropathy related to gene mutations

Rosamaria SANTARELLI Italy

Changes in physiologic responses over time in AN/AS patients

Linda HOOD United States

Electrically evoked ABR in patients with ANSD

George TAVARTKILADZE Russia

Maria LALAYANTS Russia

Specific features of auditory neuropathy caused by FDXR mutations

Antoine PAUL France

PLANNED SESSION

17:00 ▶ 18:00

📍 AMPHITHEATER SÉQUOIA

Hidden Hearing Loss: Peripheral and Central Views of Speech-in-Noise Consequences

CHAIRMEN

Jean luc PUEL France

Sarah VERHULST Belgium

Physiological and Pathological aspects of cortical speech-in-noise processing

Marc VANDER GHINST Belgium

Hidden Hearing Loss: Impact on Speech Recognition in Noisy Environments

Stephane MAISON Usa

Hidden hearing loss : More Complex than a Simple Afferentation

Jean Luc PUEL France

Saturday
21 September

PLENARY SESSION

8:00 ▶ 9:30

📍 AMPHITHEATER SÉQUOIA

Hearing and Neurodevelopmental Disorders

CHAIRMAN

Hung THAI VAN France

Neuro-morphological Aspects of Auditory Processing in Neurodevelopmental Disorders

Frank MUSIEK United States

Dichotic testing in dyslexia

Hung THAI VAN France

The Association of Developmental Language Disorder and Auditory Function

Helen GRECH Malta

Navigating hearing assessment in autistic children beyond the audiogram: from science to clinical practice

Doris Eva BAMIOU United Kingdom

Hearing in Schizophrenia: what are we missing?

Vivian ILIADOU Greece

Sunday 22 September

FREE PAPER

10:00 ▶ 11:00

ROOM DATTIER 2

ANSD and Hidden Hearing Loss

CHAIRMAN

Isabelle ROUILLON

Auditory? Neuropathy? Spectrum Disorder in Adults: Current Challenges and Therapeutic Opportunities

Efstratia PAPOUTSELOU *United Kingdom*

Comparative analysis of auditory profile of individuals with infratentorial superficial siderosis and with age-related hearing loss using patient-reported outcome measures: a case-control study

Natallia KHARYTANIUK *United Kingdom*

Order perception and its relationship with speech perception, memory, and reading in typically developing children and those with listening and/or reading difficulties

Shrutika GAIKWAD *Australia*

Auditory Processing Disorder in Children with Autism Spectrum Disorder

Silvia DI BONAVENTURA *United Kingdom*

Application of EPSP amplitude as a biomarker of noise-induced cochlear synaptopathy in guinea pigs.

Azadeh BORNA *Islamic Republic of Iran*

How are children's hearing, cognition and behavior affected by the preschool sound environment?

Loisa SANDSTRÖM

Hearing and listening difficulties in high schools and universities: the results of an exploratory survey of a large number of students and teachers in the Friuli Venezia Giulia and Umbria regions, Italy

Valeria GAMBACORTA *Italy*

FREE PAPER

12:00 ▶ 13:00

ROOM DRAGONNIER 4

Complex Auditory Disorders

The effect of solvent exposure in the workplace on the central auditory functions and listening performance

Adrian FUENTE *Canada*

Prevalence of tinnitus and hyperacusis in 9–12-year-old children

Laure JACQUEMIN *Belgium*

Evaluating Tinnitus Distress from the Perspective of Significant Others Using a Novel Questionnaire

Tricia SCAGLIONE *United States*

Auditory phenotype of individuals with infratentorial (classical) superficial siderosis: a cross-sectional study

Natallia KHARYTANIUK *United Kingdom*

Auditory processing ability for Thai native language user

Supakarn JEANBUNJONGKIJ *Thailand*

Let's see if you can hear: measuring auditory attention in infants with hearing loss

Amanda SAKSIDA *Slovenia*

Screening of Cochleo-Vestibular Disorders in Multiple Sclerosis: about 100 Cases

Ayoub ZANTAOUI *Morocco*

Thursday 19 September

FRANCOPHONE SESSION

13:45 ▶ 16:15

📍 ROOM DRAGONNIER 3

Session AFrEPA

CHAIRMAN

Marie-José FRAYSSE France

Acouphène, hyperacousie et système limbique

Michel KOSSOWSKI France

Stress bruit et acouphènes : étude des biomarqueurs du système nerveux autonome

Bérangère VILATTE Canada

Traitement par thérapie sonore des acouphènes invalidants avec surdité légère : premiers résultats de l'étude multicentrique AFREPA

Marie-José FRAYSSE France

Philippe FOURNIER Canada

Les spécificités de la psychothérapie dans la prise en charge pluridisciplinaire des patients acouphéniques

Nicolas DAUMAN France

Livia MOATTI

Vers une meilleure compréhension des symptômes auditifs ressentis par les interprètes de conférence

Josee LAGACE Canada

Acouphène et sommeil : conseils cliniques et actualités de la recherche

Sylvie HEBERT Canada

Vincent LOCHE France

Robin GUILLARD France

Friday 20 September

PLANNED SESSION

16:00 ▶ 17:00

📍 AMPHITHEATER SÉQUOIA

Patient-Reported Outcome Measures (PROMs)

CHAIRMEN

Damien BONNARD France
Ariane LAPLANTE-LÉVESQUE Sweden

Usefulness of a PROMs-based register of professional practices in audiology

Vincent DARROUZET France

The Transformative Value of Patient-Reported Outcomes in Audiology

Gregory KATZ France

Current perspectives in patient-reported outcome assessment: key considerations for audiology research and clinical practice

Sarah HUGHES United Kingdom

Translating and adapting patient-reported outcome measures: experiences to share

Eldre BEUKES United Kingdom

PLANNED SESSION

17:00 ▶ 18:00

📍 ROOM DRAGONNIER 4

Education Programs

CHAIRMEN

Houssaine BOUJEDAINI France
Vivian ILIADOU Greece
Jan WOUTERS Belgium

Introduction

Jan WOUTERS Belgium

Better education needed for Professionals in Healthcare regarding auditory processing

Vivian ILIADOU Greece

Implementing the first-ever BSc in General Audiology in Catalonia and Spain

Gerard ENCINA-LLAMAS Spain
Francesc ROCA-RIBAS Spain

Implementing Interprofessional Education (IPE) in South African Undergraduate Health Profession Curricula

Faheema Mahomed MAHOMED-ASMAIL South Africa

Implementing Interprofessional Education (IPE) in South African Undergraduate Health Profession Curricula

Renata ECCLES South Africa

Training & roles of hearing health practitioners in mainland China and Hong Kong

Lena Lai Nar WONG Hong Kong

Collaboration toward the audiology service goal

Nattawan UTOOMPRURKPORN Thailand

Saturday 21 September

PLANNED SESSION

14:00 ▶ 15:00

📍 ROOM DATTIER 3

Introduction to Global Audiology Initiative

CHAIRMEN

Vinaya MANCHIAIAH United States
Thais MORATA

A brief history of Global Audiology

Vinaya MANCHIAIAH United States

Motivation and specifics about the move to Wikiversity

Thais MORATA United States

Hands-on: How you can expand the audiology content within Wikimedia platforms

Remy GERBET France
Thais MORATA Usa

PLANNED SESSION

14:00 ▶ 15:00

ROOM DRAGONNIER 6

Incorporating evidence in audiologic rehabilitation

CHAIRMEN

Louise HICKSON Australia

Lena lai nar WONG Hong Kong

Lena Lai Nar WONG Hong Kong

Louise HICKSON Australia

Nerina SCARINCI Australia

To be determined

Joseph MONTANO Usa

PLANNED SESSION

15:00 ▶ 16:00

ROOM DATTIER 3

Global Outreach

CHAIRMEN

Jackie I CLARK Usa

Thierry MOM France

Global Outreach Best Practices

Jackie L CLARK Usa

Connecting with WHO Guidelines/
ressources

Carolina DER MUSSA

Becoming engaged in Global Outreach:

Available Global Resources

Diego SANTANA-HERNANDEZ

Preparing for Infant Hearing Screening
Programs

Christie YOSHINAGA ITANO United States

18 years' experience in supporting and
developing deaf children in TOGO

Thérèse GUICHARD France

Sunday 22 September

PLANNED SESSION

11:00 ▶ 12:00

ROOM DRAGONNIER 5

Global Hearing Care - is anyone listening?

CHAIRMEN

Sue ARCHBOLD United Kingdom

Gerard O'DONOGHUE United Kingdom

Ethical issues in today's world

Sue ARCHBOLD United Kingdom

Global issues on ear and hearing care

Mark LAUREYNS Belgium

Cochlear Implant Services Matter

Leo DE RAEVE Belgium

Ethics and access in hearing care: lessons
from low and middle income settings

De Wet SWANEPOEL South Africa

Discussion and round up

Gerard O'DONOGHUE United Kingdom

PLANNED SESSION

13:15 ▶ 14:45

AMPHITHEATER SÉQUOIA

International Best Practices

CHAIRMEN

James HALL III Usa

Alicja MALICKA Australia

Laura TURTON United Kingdom

Vidya RAMKUMAR India

Vera-Genevey HLAYISI South Africa

Najila BURLE Brazil

Ghada BINKHAMIS Middle East

Isabelle MOSNIER France

Alicja MALICKA Australia



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Balance and vestibular disorders



Implantation Otology & Inner Ear Therapeutics



Thursday 19 September

WORKSHOPS

10:00 ▶ 11:30

📍 ROOM DATTIER 2

Getting the First-Fit Right: Important Insights from Binaural Broadband Loudness Perception

Sven WINKLER *Germany*

Dirk OETTING *Germany*

Friday 20 September

PLANNED SESSION

10:15 ▶ 11:15

📍 ROOM DRAGONNIER 4

Specific Hearing Losses Profiles (Children)

CHAIRMEN

Andrea BOHNERT *Germany*

Prashanth PRABHU

Bimodal stimulation: how does the brain respond to this combination?

Edilene BOECHAT *Brazil*

Hearing aid fitting in children with auditory neuropathy spectrum disorders

Prashanth PRABHU *India*

Supporting Children Who Have Unilateral Hearing Loss

Marlene BAGATTO *Canada*

FREE PAPER

11:15 ▶ 12:15

📍 ROOM DATTIER 3

Hearing amplification to improve quality of life

CHAIRMEN

Nicolas WALLAERT *France*

Joseph MONTANO

Health-related Quality of Life Outcome Measures Validating Hearing Aid Treatment

Carole JOHNSON *United States*

Closedness of acoustic coupling and Audible Contrast Threshold predict individual speech-in-noise benefit due to noise reduction in hearing aids

Sébastien SANTURETTE *Denmark*

Development of the validated Empowerment Audiology Questionnaires (EmpAQ)

Josefina LARSSON *Sweden*

Understanding empowerment in a clinical population of adults with hearing loss

Josefina LARSSON *Sweden*

The Impact of Social Frailty on Speech Perception Performance and the Quality of Life Associated with Hearing Aid Use in Elderly

Motegi MASAOMI

That Looks Noisy: An accessible image-based questionnaire (IBQ) for assessing hearing and hearing aid outcomes

Gabrielle SAUNDERS *United Kingdom*

Design and implementation of a patient-centered hearing intervention for the ACHIEVE Study

Michelle ARNOLD *United States*

PLANNED SESSION

13:30 ▶ 14:30

📍 ROOM DRAGONNIER 4

Hearing Aids : Age-Related Minimal and Mild Hearing Losses

CHAIRMEN

Matthieu DEL RIO *France*

Barbra TIMMER *Australia*

Extended High-frequency Hearing Impairment

Mishra SRIKANTA *United States*

Children with unilateral and mild bilateral hearing loss: New clinical challenges

Elizabeth FITZPATRICK *Canada*

Adults with mild hearing loss:
Use and non-use of hearing aids

Barbra TIMMER *Australia*

PLANNED SESSION

14:30 ▶ 15:30

📍 AMPHITHEATER SÉQUOIA

Deafness care : different international healthcare models

CHAIRMEN

Arnaud COEZ *France*

Gabrielle SAUNDERS *United Kingdom*

French Health care system and audiological cares: avoiding lack of chances due to financial limitations

Bernard FRAYSSE *France*

Hearing aid provision pathways in UK

Laura TURTON *United Kingdom*

Integrated people-centered ear and hearing care and service delivery approaches in resource-limited settings: Perspectives from the World Health Organization

Ariane LAPLANTE-LÉVESQUE *Sweden*

WHO Program for Prevention of Deafness and Hearing Loss, World Health Organization

Shelly CHADHA *Switzerland*

PLANNED SESSION

14:30 ▶ 15:30

📍 ROOM DRAGONNIER 3

New and collaborative practices in pediatric hearing aid fitting

CHAIRMEN

François DEJEAN *France*

Danielle GLISTA *Canada*

Introduction

Danielle GLISTA *Canada*

François DEJEAN *France*

Mobilizing apps and real-world assessment to empower children as part of collaborative hearing aid fitting

Danielle GLISTA *Canada*

Can an app for hearings aids be helpful to empower children?

Andrea BOHNERT *Germany*

Collaborative strategies for accessible pediatric hearing aid follow-up in low-resourced contexts

Silva KUSCHKE *South Africa*

Session wrap-up

PLANNED SESSION

16:00 ▶ 17:00

📍 ROOM DRAGONNIER 5

Hearing Aids: Current Fitting Trends in the Elderly

CHAIRMEN

Nicolas WALLAERT *France*

Kurt STEPHAN

Development and evaluation of the CAM2 fitting method

Brian MOORE *Uk*

How to make sure the methodology is applied

Nicolas WALLAERT *France*

PLANNED SESSION

17:00 ▶ 18:00

📍 ROOM DRAGONNIER 3

Age-Related Hearing Loss-Outcomes Measures with Hearing Instruments

CHAIRMEN

Charlotte BALET *France*

David COLIN *France*

Positive Emotions: Effects of Focusing on Positive Listening Experiences on Hearing Aid Outcomes

Dina LELIC *Denmark*

Hearing aid satisfaction in adults: Insights from MarkeTrak

Erin PICOU *Usa*

Evaluation of Hearing Aids (HAs) outcome and identification of predictive factors: interest of big data

Fabien AUBERGER *France*

Saturday 21 September

PLANNED SESSION

10:45 ▶ 11:45

📍 ROOM DRAGONNIER 6

Auditory profiling – characterizing and linking audiological knowledge from different data sources

CHAIRMEN

Jérôme BOURIEN France
Mareike BUHL France

Varying hearing configuration in clinical populations across the globe, and why it matters

John NEWALL Australia

Auditory profiling with the digits-in-noise test

Cas SMITS Netherlands

Data-driven auditory profiling based on pure-tone audiograms : A big data approach

Jérôme BOURIEN France

Clinical auditory profiling of hearing-impaired listeners based on a clinical test battery for stratified hearing-aid treatment

Mengfan WU United Kingdom

FREE PAPER

11:45 ▶ 12:45

📍 ROOM DATTIER 3

Hearing amplification to improve quality of life

CHAIRMAN

Balbine MAYOU France

HearChoice Online: improving help-seeking, informed choice and decision-making in hearing healthcare

Barbra TIMMER Australia

Mic Matters: Unveiling the Power of 2 versus 4 Microphone Beamformers in Hearing Aids

Megan QUILTER United States

Assessing Client Trust and Empathy in Hearing Healthcare: Predictors of Hearing Aid Uptake

Gurjit SINGH

Factors associated with hearing aid outcomes including social networks, self-reported mental health and service delivery models

Bopane MOTHEMELA South Africa

Comparing Usability and Performance of Self-Fitting Over-the-Counter Hearing Aids

Megan KNOETZE South Africa

A novel consumer-centric metric for evaluating hearing device audio performance

Vinaya MANCHAIH United States

Factors influencing hearing aid use, benefit and satisfaction in adults: A systematic review of the past decade

Bopane MOTHEMELA South Africa

PLANNED SESSION

11:45 ▶ 12:45

📍 ROOM DRAGONNIER 6

Research studies Hearing Aid (adult)

CHAIRMEN

Torsten DAU Denmark
Christophe MICHEYL France

Evaluation of multi-modal sensor integration for automatic steering of listening support in hearing aids

Sébastien SANTURETTE Denmark

Preference and similarity of combined noise reduction and dynamic range compression in hearing-impaired listeners

Torsten DAU Denmark

The potential and limitations of applying DNN based algorithms for speech enhancement

Stefan LAUNER Switzerland

FREE PAPER

14:00 ▶ 15:00

ROOM DATTIER 2

Variability of Hearing Aids Funding and Delivery across Countries

CHAIRMEN

David GELINAS France
Christian RENARD France

The valuation of hearing aids from the perspective of hearing health professionals in Quebec

Sadi SARAH

A Model of Coverage Rates for Hearing Aids Across the World Based on Correlational Observation and Analysis
Nikolai BISGAARD Denmark

High levels of satisfaction among hearing aid users in a pilot study for sustainable low-cost auditory rehabilitation services in Samoa

Annette KASPAR Samoa

Hearing aid trial periods: Audiologists' thoughts and practices in South Africa
Moroe MOROE

Embedding Audiological services into the World Health Organization's International Classification of Health Interventions (ICHI)
Faheema Mahomed MAHOMED-ASMAIL South Africa

Recent evolution of teleaudiology in Australia: COVID, national guidelines and future directions

Rebecca BENNETT

PLANNED SESSION

16:30 ▶ 17:30

ROOM DATTIER 2

Hearing rehabilitation to improve quality of life

CHAIRMEN

Julie BESTEL France
Inga HOLUBE Germany

Factors Influencing hearing help-seeking and hearing aid uptake in adults

Megan KNOETZE South Africa

Hearing rehabilitation and social connections

Louise HICKSON Australia

The frailty concept in hearing science - implications for hearing rehabilitation

Inga HOLUBE Germany

Theresa NÜSSE Germany

Sunday 22 September

FREE PAPER

10:00 ▶ 11:00

ROOM DATTIER 3

Hearing aid: updates on management and care for children

CHAIRMAN

Cyrille COUDERT France

Actual and optimal amplification treatment durations in children with auditory processing disorders

Joan LEUNG New Zealand

Rural-Urban Disparities in Proximity of Pediatric Hearing Aid Fittings to Prescriptive Targets

Elizabeth WALKER United States

A Week through their Ears: Daily Auditory Environments experienced by Young Children with Hearing Aids

Annerenée MEIJER Netherlands

Noise reduction algorithms measured by ACC in Pediatric hearing aid users

Amani SHALABY Egypt

Early Amplification Preserves Auditory Cortical Structure in Children with Congenital Sensorineural Hearing Loss

Nancy YOUNG United States

Hearing aid benefits in children with mild bilateral hearing loss

Roman STEPHANE

Outcomes and device use in children with bone-conduction hearing devices in South Africa

Cheri VAN ZYL South Africa

PLANNED SESSION

11:00 ▶ 12:00

ROOM DATTIER 3

Challenges of bone conduction hearing aid for children

CHAIRMEN

Cyrille COUDERT France
Kristin KERKHOFS BelgiumBone-masking tone audiometry in children:
SAL method**Kristin KERKHOFS** BelgiumBone conduction hearing aids for children
Cyrille COUDERT FranceObjective verification of audibility in bone
conduction hearing devices**Ann-Charlotte PERSSON** Sweden

FREE PAPER

11:30 ▶ 12:30

ROOM DATTIER 2

Hearing amplification to improve quality of life

CHAIRMAN

Stéphane LAURENT FranceComparison of Hearing Aid Fitting
Effectiveness With Audiograms From
Either User-Operated or Traditional
Audiometry in a Clinical Setting**Carl PEDERSEN** DenmarkTowards creating a personalised guide
of communication strategies: A qualitative
study of communication strategies
reported to be used by people with hearing
loss and communication partners,
alongside those provided by audiologists**Gemma PERFECT** United KingdomFostering social-emotional wellbeing in
audiologic rehabilitation clinical practice:
A 5-step plan**Barbra TIMMER** AustraliaRemote synchronous fine-tuning for first-
time and experienced hearing aid users
Milijana MALMBERG SwedenFactors Influencing Hearing Help-Seeking
and Hearing Aid Uptake in Adults:

A Systematic Review of the Past Decade

Megan KNOETZE South AfricaEfficacy of Community Hearing Aid Bank
for Patient with Low Incomes**Carole JOHNSON** United StatesThe Association of Level of Hearing Aid
Technology with Daily Wear and Listening
Goals in the ACHIEVE Study**Michelle ARNOLD** United States

FREE PAPER

12:30 ▶ 13:00

ROOM DATTIER 2

Hearing amplification to improve quality of life

CHAIRMEN

Michael AKEROYD United Kingdom
Vincent JUNG FranceThe Development of a Sensory Support
Intervention for People with Hearing
or Vision Impairment in Australian
Residential Aged Care**Piers DAWES** AustraliaHearing Aid Environmental Classification
Accuracy**Laurel CHRISTENSEN** United StatesThe impact of Hearing Aid delay on envelope
following response and Phase locking**Bertrand PHILIPPON** France

Thursday 19 September

PLANNED SESSION

16:00 ▶ 17:00

📍 AMPHITHEATER EPICÉA

e-Health

CHAIRMEN

De wet SWANEPOEL South Africa
Frédéric VENAIL France

Digital Innovations in Hearing Aid Provision:
Expanding Access in Low

Tersia DE KOCK France

Comprehensive Community-Based
Tele-Practice Model of Early Hearing Loss
Detection and Rehabilitation among
Young Children

Vidya RAMKUMAR India

Building Therapeutic Relationships during
Telehealth Interaction: What Are the Ingre-
dients for Client and Family Engagement?

Felipe RETAMAL WALTER Australia

Friday 20 September

PLANNED SESSION

10:15 ▶ 11:15

📍 ROOM DRAGONNIER 6

Audiology, the internet and clinical care: Opinions and attitudes from around the world

CHAIRMEN

Gabrielle SAUNDERS United Kingdom
Valeriy SHAFIRO United States

Introduction to session and participants

Gabrielle SAUNDERS United Kingdom

Internet and Audiology: A quick history

Jill PREMINGER United States

Patient and provider perspectives towards
teleaudiology: Where Are we today?

Laura COCO United States

Lived experience: The patient perspective

Andrea TALMUD MAUREL France

Gabrielle SAUNDERS United Kingdom

Interactive panel discussion

Gabrielle SAUNDERS United Kingdom

Helen CULLINGTON United Kingdom

PLANNED SESSION

11:15 ▶ 12:15

📍 ROOM DRAGONNIER 6

Big Data : Modelling & Predicting

CHAIRMEN

Marta CAMPI France

Birger KOLLMEIER Germany

Methods for Big data in Audiology

Marta CAMPI France

Clinical decision support systems
for Audiology

Mareike BUHL France

Open EHR data format standardization
in audiology

Birger KOLLMEIER Germany

Self-adjusted hearing aid settings
for the virtual hearing clinic

Lena SCHELL-MAJOOR Germany

FREE PAPER

13:30 ▶ 14:30

📍 ROOM DATTIER 2

e-Health

A randomised controlled trial evaluating
effects of the online Swedish Individualised
Active Communication Education (I-ACE)
program

Louise WERTHER Sweden

Navigating the Digital Frontier: Barriers
and Facilitators to App Use in Audiology

Rebecca BENNETT

Going green: Every drop creates an ocean

Ilona ANDERSON Austria

Remote or in-clinic: the effect of service
delivery mode on hearing aid output

Craig LETT New Zealand

Feasibility of an online audiologic support
program for first-time hearing aid users

Sandra AHLBERG Sweden

Acceptability of a humanoid robot at home for deaf children with cochlear implant and their family: First step towards a remote speech-language training tool

Sabrina STITI France

PLANNED SESSION

13:30 ▶ 14:30

ROOM DRAGONNIER 6

Living Guidelines for Adult Cochlear Implantation

CHAIRMAN

Leo DE RAEVE Belgium

Development and use of Living Guidelines for cochlear implants in adults

Leo DE RAEVE Belgium

From the living guidelines to the Italian guidelines to Cochlear Implant in adults and children

Francesca FORLI Italy

The role of multidisciplinary collaboration in overcoming access barriers in France

Bernard FRAYSSE France

Insights from benchmarking an Australian CI center guideline against the Living Guidelines

Catherine BIRMAN France

Revision of the Minimum Speech Test Battery (MSTB-3) for Cochlear Implant Clinical Candidacy

Camille DUNN United States

FREE PAPER

14:30 ▶ 15:30

ROOM DRAGONNIER 6

Clinical Trials in Audiology and Otoneurology

CHAIRMEN

Natalie LOUNDON France

Angel RAMOS-DE MIGUEL Spain

Intracochlear Administration of DB-OTO Gene Therapy in Pediatric Patients with Profound Hearing Loss Due to Otoferlin Mutations: The CHORD Phase 1/2 Open-label Trial

Thomas MILLS United Kingdom

Extended time frame for restoring inner ear function through gene therapy in Usher1G preclinical model

Ghizlene LAHLOU France

A single AAV packed with RNA base editor treats OTOF-mediated deafness

Hao WU China

Advancing the First Pluripotent Stem Cell Derived Regenerative Therapy for Hearing Loss to Clinical Implementation: A First in Human Randomised Trial

Rachel HAINES United Kingdom

Virtual-Reality based fitting of hearing aids and cochlear implants

André GOEDEGEBURE Netherlands

Intensity modulation of frequency specific optoacoustic stimulation at the peripheral hearing level, a mandatory prerequisite for the development of novel auditory prostheses

Patricia DRIES

Randomized, placebo-controlled interventional study of atorvastatin to prevent cisplatin-induced ototoxicity: Bench-to-Bedside Science

Katharine FERNANDEZ United States

PLANNED SESSION

17:00 ▶ 18:00

ROOM DRAGONNIER 5

Gene therapy in 2024

CHAIRMAN

Karen GORDON Canada

To be determined

Natalie LOUNDON France

To be determined

Ann HICKOX France

To be determined

Hao WU China

CHORD: A Phase 1/2 Open-Label, Multicenter Trial to Evaluate Intracochlear Administration of DB-OTO Gene Therapy in Pediatric Patients with Profound Sensorineural Deafness Due to Biallelic Otoferlin Variants

Raquel MANRIQUE HUARTE

Saturday 21 September

FREE PAPER

10:45 ▶ 11:45

ROOM DATTIER 3

Big Data and Artificial Intelligence

CHAIRMEN

Julie BESTEL France

Birger KOLLMEIER Germany

Changes in hearing and speech perception with aging from big-data analysis

Koichiro WASANO Japan

Integrating audiological databases using a profile-based federated learning approach

Samira SAAK

Integrating Patient-Centered Assessment: Enhancing Audiology Care through the COSI Questionnaire in France with French NLP Modelling

Perrine MORVAN France

Association between hearing loss and trauma based on population data of Korea

Junhui JEONG Republic of Korea

Development of multi-modal hearing aids to enhance speech perception in noise

Adele GOMAN United Kingdom

On-device DNN denoising improves speech intelligibility and listening effort for hearing aid users

Kevin SEITZ-PAQUETTE United States

Searching auditory phenotypes beyond audiometry from a large clinical dataset

Gerard ENCINA-LLAMAS Spain

PLANNED SESSION

14:00 ▶ 15:00

AMPHITHEATER SÉQUOIA

Innovative Technologies and Translational Therapies for Deafness

CHAIRMEN

Angel RAMOS-DE MIGUEL Spain

Claus-peter RICHTER United States

Stem Cells for Hearing Regeneration: towards a first-in-human clinical trial

Gerard O'DONOGHUE United Kingdom

Photons in hearing protection and restoration

Claus-Peter RICHTER United States

Hair cell-specific gene therapy to treat a form of profound congenital hereditary deafness

Christopher CUNNINGHAM United States

PITCH

14:00 ▶ 15:00

ROOM DRAGONNIER 5

Innovation in Audiology

CHAIRMAN

Bernard FRAYSSE France

Redefining Audiology Services: the impact of Earmold In-Practice Manufacturing with Symphony 3D

Arnaud GUEDOU France

Astrone: audiometric platform

Benoit DELEMPES France

EarFlo

Peter SANTA MARIA United States

EarGenie

Colette MCKAY

Pulse Audition

Manuel PARIENTE

PITCH

15:00 ▶ 16:00

ROOM DRAGONNIER 5

Innovation in Audiology

CHAIRMAN

Bernard FRAYSSE France

Dizzy DX

Peter SANTA MARIA United States

The Aurora Hearing Screening & Diagnostic System

Jennifer GOODALL

MindEar - A Tinnitus Care Platform

Fabrice BARDY

Rincell-1: Pioneering Stem Cell Therapy to Restore Hearing

Douglas HARTLEY

VertImage

Alexis BOZORG-GRAYELI

Morgane CORDA

Sunday 22 September

PLANNED SESSION

10:00 ▶ 11:00

ROOM DRAGONNIER 4

Computational Audiology Network

CHAIRMEN

Tobias GOEHRING *United Kingdom*

Jan-Willem WASMANN *Netherlands*

Improved sound quality in personalized neural-network-based hearing-aid algorithms

Sarah VERHULST *Belgium*

The Cadenza and Clarity projects:
Using machine learning challenges to improving music and speech for those with hearing loss

Simone GRAETZER *United Kingdom*

Automating air- and bone-conduction audiometry with masking

Nihaad PARAOUTY *France*

AI chatbots delivering Hearing Healthcare?

De Wet SWANEPOEL *South Africa*

FREE PAPER

12:00 ▶ 13:00

ROOM DATTIER 1

Clinical Trials in Audiology and Otoneurology

Mouse, Man, Machine: Using Translational Models to Investigate Antiretroviral Ototoxicity

J. Riley DEBACKER

Effect of smart earphones transparency mode on sound localization in normal-hearing people

Mathieu HOTTON *Canada*

PROHEAR - A randomized, double-blind, placebo-controlled and split-body design Phase 2a clinical trial testing the otoprotective potential of ACOU085 in cisplatin-treated testicular cancer patients

Jonas DYHRFJELD-JOHNSEN *Germany*

Can optoacoustic stimulation be used to compensate hearing deficits?

Gentiana WENZEL

Portable hearing laboratory for developing and evaluating novel hearing aid algorithms

Caslav PAVLOVIC *United States*

Mild Therapeutic Hypothermia for the Prevention of Cisplatin Induced Hearing Loss

Christopher SPANKOVICH *United States*

Thursday 19 September

PLANNED SESSION

17:00 ▶ 18:00

📍 AMPHITHEATER SÉQUOIA

WHO Session Make Listening Safe

The WHO Make Listening Safe Initiative

Shelly CHADHA *Switzerland*

Recreational noise exposure and auditory outcomes – A scoping review on risky recreational contexts examined and applied methods

Marieke PRONK *Netherlands*

Risk of sound-induced hearing loss from exposure to video gaming or e-sports: a systematic scoping review

Shelly CHADHA *Switzerland*

A creative way to spread the #safelistening message

Andreas THULIN *Sweden*

The WHO Make Listening Safe Workstream

Mark LAUREYNS *Belgium*

Friday 20 September

FREE PAPER

14:30 ▶ 15:30

📍 ROOM DATTIER 1

Noise Exposure

CHAIRMAN

Benoit POUYATOS *France*

Innovations towards preserving the hearing of musicians

Katya FREIRE *Portugal*

Attitudes of university students in Samoa towards recreational and environmental noise exposure

Annette KASPAR *Samoa*

Overcompressed sound, a new auditory risk

Paul AVAN *France*

Occupational noise-induced hearing loss: what is the contribution of personal noise exposure measurements for miners at a large-scale platinum mine in South Africa?

Liepollo NTLHAKANA *South Africa*

Occupational Noise-induced Hearing Loss:

Incidence rates and trends from New Zealand's Compensation Records (2013-2023)

Nyasha MAKARUSE *New Zealand*

Sunday 22 September

PLANNED SESSION

10:00 ▶ 12:00

📍 ROOM DRAGONNIER 3

Noise Exposure

CHAIRMAN

Thais MORATA

Prevention of NIHL using investigational treatments

Colleen LE PRELL *United States*

Facilitating recovery of the afferent synapses after a noise injury

Eric BIELEFELD *United States*

Hearing Difficulties in Individuals with Normal Hearing Thresholds but Self-reported Changes in Hearing after Noise Exposure

Douglas BRUNGART *United States*

Noise exposures and hearing dysfunctions in professionals of cultural and creative industries

Benoit POUYATOS *France*

Effects on work ability among women with hyperacusis and/or sound-induced auditory fatigue – markedly increased risks in communication-intensive human-service occupations

Sofie FREDRIKSSON *Sweden*

Sunday 22 September

PLENARY SESSION

8:00 ▶ 9:30

📍 AMPHITHEATER SÉQUOIA

Ototoxicity

CHAIRMAN

Adrian FUENTE *Canada*

Overview of ototoxicity and the International Ototoxicity Management Group

Adrian FUENTE *Canada*

Basic science of ototoxicity: Evidence from animal studies

Katharine FERNANDEZ *United States*

The effects of cisplatin and aminoglycosides on the human cochlea

Alex HOETINK

Audiological monitoring and management of ototoxicity induced by cisplatin and aminoglycosides

Gayla POLING

Management of Ototoxicity in a Work Setting: a position statement from the International Ototoxicity Management Group

Thais MORATA *Usa*

Example of an ototoxicity management programme from South Africa

Lucretia PETERSEN

Friday 20 September

PLANNED SESSION

16:00 ▶ 17:00

ROOM DATTIER 3

Psychophysics

CHAIRMEN

Joel DUCOURNEAU *France*

Michael STONE *Uk*

Sensorineural hearing loss alters the ability to hear subtle and transient attributes of natural scenes

Christian LORENZI *France*

Assessing the impact of hearing aids on spatial hearing in realistic scenarios

Samuele CARCAGNO *France*

The auditory profile and relevance to modelling of hearing loss

Birger KOLLMEIER *Germany*

Saturday 21 September

FREE PAPER

10:45 ▶ 11:45

ROOM DATTIER 2

Psychophysics

CHAIRMEN

Joel DUCOURNEAU *France*

Michael STONE *Uk*

Binaural auditory object formation

Justin ARONOFF *United States*

Communication Abilities, Hearing Loss, and Psychosocial Outcomes in Children: The ICOPE Study

Tjeerd DE JONG *Netherlands*

Relative role of acoustic, linguistic, and statistical factors affecting speech segregation in individual hearing-impaired listeners

Robert LUTFI *United States*

Auditory Processing in Musicians, a Cross-Sectional Study, as a Basis for Auditory Training Optimization

Maria KYRTSOUDI *Greece*

Prediction of intelligibility, audibility and sound exposure of hearing-aided employees in a noisy work environment

Joel DUCOURNEAU *France*

Sunday 22 September

FREE PAPER

12:00 ▶ 13:00

ROOM DATTIER 3

Psychophysics

CHAIRMEN

Joel DUCOURNEAU *France*

Michael STONE *United Kingdom*

Speech in noise perception and auditory processing in normal-hearing children.

Charlotte BENOIT *France*

Preserving Music Perception in Elderly: The Protective Role of Musical Experience

Andreanne SHARP *Canada*

Music and cognition support speech-in-noise perception in hearing aids users

Chi Yhun LO *Canada*

Temporal processing of slow amplitude modulations and consonant in noise perception in children using cochlear implants

Laurianne CABRERA *France*

Interviews with Musicians with Hearing Aids

Sarah SWANN *Australia*

Can infant speech discrimination be reliably assessed in a clinical setting?

Kristin UHLER *United States*

Thursday 19 September

WORKSHOPS

10:00 ▶ 11:30

📍 ROOM DRAGONNIER 4

ABR and ASSR Measures as Central Pillars of Objective Audiometry

CHAIRMAN

Suzanne PURDY *New Zealand*

Andy BEYNON *Netherlands*

Mridula SHARMA *Australia*

Martin WALGER *Germany*

WORKSHOPS

11:30 ▶ 13:00

📍 ROOM DRAGONNIER 4

Objective Assessment of Infant Hearing

James HALL III *United States*

Friday 20 September

PLANNED SESSION

10:15 ▶ 11:15

📍 AMPHITHEATER SÉQUOIA

Diagnostic imaging of inner ear diseases (hearing disorders)

CHAIRMEN

Sébastien SCHMERBER

Levent SENNAROGLU *Turkey*

To be determined

Levent SENNAROGLU *Turkey*

To be determined

Mickaël ELIEZER *France*

To be determined

Arnaud ATTYÉ *France*

Classification of anomalies of the third
mobile window

Eugen IONESCU *France*

FREE PAPER

11:15 ▶ 12:15

📍 ROOM DATTIER 2

Screening & Testing (Adults)

Preliminary results on platinum- induced
cochleotoxicity and vestibulotoxicity
in adult patients

Heleen VAN DER BIEST *Belgium*

Performance and reliability evaluation of
an improved machine learning based pure-
tone audiometry with automated masking

Nihaad PARAOUTY *France*

The Development and Validation of the
Quick Self-Assessment Questionnaire
for Cochlear Implant Outcome (QSAC)

Yin LI

Phonemic balance of word lists used
in speech audiometry in Chile

Jorge BURDILES-AGUIRRE *Chile*

Improving the New Zealand English and Te Reo Maori Digit Triplet Tests using antiphase stimuli

Greg O'BEIRNE *New Zealand*

Comparison of Indicators in the Integrated Digit-in-Noise Test for Hearing and Cognitive Screening

Shangqiguo WANG

Hearing status of professional musicians of the Suisse Romande Orchestra

Emile MONIN *Switzerland*

PLANNED SESSION

14:30 ▶ 15:30

ROOM DRAGONNIER 4

Speech-In-Noise

CHAIRMEN

François BERGERON *Canada*

Christophe VINCENT *France*

Testing speech in noise to detect cochlear synaptopathy

Christophe VINCENT *France*

Ecological assessment and rehabilitation of speech perception in noise

François BERGERON *Canada*

Feedback from a tele-monitoring and tele-training platform for hearing aid and implant patients.

Christian RENARD *France*

Contribution of Diotic and Dichotic Speech-in-Noise Test in Hearing Loss Diagnosis

Arnaud GENIN *France*

Early signs of cochlear damage: examining the use of speech in noise test (again!)

Josee LAGACE *Canada*

PLANNED SESSION

16:00 ▶ 17:00

ROOM DRAGONNIER 6

Global Aspects of Newborn Hearing Screening

CHAIRMEN

Monica CHAPCHAP *Brazil*

Mario MILKOV *Bulgaria*

Thomas WIENER *Germany*

Global disparities in newborn hearing screening – the big challenge

Katrin NEUMANN *Germany*

The efficiency of coupon mediated NHS pilot program and implementation of UNHS in Korea

Jiwon CHANG *Republic of Korea*

After Universal newborn hearing screening: Family-Centered Early Intervention Deaf/Hard of Hearing (FCEI-DHH) Special Issue of the Journal of Deaf Studies and Deaf Education

Christie YOSHINAGA ITANO *United States*

Saturday 21 September

PLANNED SESSION

10:45 ▶ 11:45

ROOM DRAGONNIER 3

Screening & Testing (Adults)

CHAIRMEN

Jozsef GEZA

Kurt STEPHAN *Austria*

Adult Hearing Screening in Europe – Do's, Don'ts and the Consequences

Mark LAUREYNS *Belgium*

Scalable adult hearing screening approaches

De Wet SWANEPOEL *South Africa*

Screening and Diagnosis of hearing loss among Adults: Indian approach

Vidya RAMKUMAR *India*

To be determined

Katrin NEUMANN *Germany*

FREE PAPER

11:45 ▶ 12:45

ROOM DRAGONNIER 5

Screening & Testing (Adults)

Pre-diabetes and diabetes mellitus are associated to hearing impairment: a population-based study

Xuan Nhi NGUYEN

Change in hearing loss and its association with general health in a community-based longitudinal-sectional study of middle-aged individuals: the Busselton Healthy Ageing Study

Diane SMIT *Netherlands*

A multicentre pilot study evaluating the diagnostic accuracy and acceptability of an m-Health intervention for hearing loss screening in older people integrated within a national preventative health care initiative in Chile

Felipe RETAMAL WALTER *Australia*

Association between hearing loss and subclinical coronary atherosclerosis: An observational cohort study

Soon Joon KIM

Unravelling Auditory Processing Attributes in Age-Related Hearing Loss: Insights from the PRESAGE Project

Shiran KOIFMAN *Germany*

Effects of Chronic Substance Misuse on Auditory and Vestibular Function

Amanda CHIAO *United States*

Functional impairments in patients with bilateral vestibulopathy: a novel approach to assess the impact of vestibular loss of function in Daily Life Setting

Gautier GROUVEL

FREE PAPER

15:00 ▶ 16:00

📍 ROOM DATTIER 2

Speech and Noise

CHAIRMAN

Josee LAGACE *Canada*

Johanna SAVIN *France*

Adult Normative Data for the Adaptation of the Hearing in Noise Test in European French (HINT-5 Min)

Johanna BUISSON SAVIN *France*

Exploring the role of cognitive predictors in speech-in-noise perception in adults with confirmed diagnosis of auditory processing disorder

Doris Eva BAMIOU *United Kingdom*

Exploring age-Dependent Speech Recognition in Noise for Children with Hearing Loss: Insights from Hearing Aid or Cochlear Implant Rehabilitation

Lucinda KOOTSTRA *Netherlands*

Contribution of Diotic and Dichotic Speech-in-Noise Test in Hearing Loss Diagnosis

Jean-Charles CECCATO *France*

The simplified University of Canterbury Auditory-Visual Matrix Sentence Test: Validation and reliability in noise and in quiet for adults

Greg O'BEIRNE *New Zealand*

Automated speech in noise audiometry with Dodelé logatome lists

Nihaad PARAOUTY *France*

Fibromyalgia Syndrome and Audiological Implications: Comprehensive Evaluation of Auditory Functions and Speech Understanding in Noise

Ahmet Alperen AKBULUT *Turkey*

PLANNED SESSION

16:30 ▶ 17:30

📍 AMPHITHEATER SÉQUOIA

Diagnostic imaging of inner ear diseases (vestibular disorders)

CHAIRMEN

Arnaud ATTYÉ *France*

Mickaël ELIEZER *France*

MRI of the membranous labyrinth: how it works

Mickaël ELIEZER *France*

Exploration of patients with cochleovestibular disorders using Generative AI

Arnaud ATTYÉ *France*

Vestibular Implant Imaging

Abderrahmane HEDJOUJJE *Switzerland*

Sunday 22 September

FREE PAPER

11:00 ▶ 12:00

ROOM DATTIER 1

Newborn Hearing Screening

CHAIRMAN

Stéphane ROMAN *France*

Aboriginal Children's Hearing Health program: Co-designing a culturally safe ear and hearing screening program

Catherine MCMAHON *Australia*

Analysis of audiological outcomes of children referred from a universal newborn hearing screening program over 11 years in Beijing, China

Yue LI *China*

Review of Newborn Hearing Screening in a low income country in Sub-Saharan Africa

Alinane MTONYA MALILI *Malawi*

Hearing improvement in preterm infants with sensorineural hearing loss

Mirko ALDÉ *Italy*

AI-Based Diagnosis of Otitis Media with Effusion in Children using 3D Wideband Acoustic Immittance

Fei ZHAO *United Kingdom*

Is there a differential etiology between profound and non profound sensorineural pediatric hearing loss?

Martina PASERO

FREE PAPER

12:00 ▶ 13:00

ROOM DRAGONNIER 3

Screening & Testing (Adults)

Pertinence of hearing screening applications in family medicine

Jean-Charles CECCATO *France*

"Don't assume I'm too old!" Why and how to assess the digital literacy of adults with hearing loss

Catherine SUCHER *Australia*

The impact of unilateral and bilateral severe-to-profound hearing loss on work productivity and the need for recovery after work

Cato PHILIPS *Belgium*

Comparative Analysis of Deep Learning Model and Otolaryngologists in Diagnosing Middle Ear Diseases Using Endoscopic Images

Se Eun YI *Republic of Korea*

Hearing beyond the audiogram: Auditory Processing Deficits in Stroke survivors

Doris Eva BAMIOU *United Kingdom*

Results of an observational study exploring scores of the ACT™ test in normal hearing and hearing-impaired adults

Martin CHAVANT

Candidacy for self-test procedures and the use of smart devices in audiology

Mark LAUREYNS *Belgium*

Saturday 21 September

PLANNED SESSION

10:45 ▶ 11:45

📍 AMPHITHEATER SÉQUOIA

Single-Sided Deafness & Asymmetric Hearing Loss : Current Therapeutic Challenges

CHAIRMEN

Mathieu MARX France
Morgan POTIER France

Single-sided deafness in CI - past, present, future

Vincent VAN ROMPEAY Belgium

CI outcomes in SSD/AHL: differences between adults and children

Angel RAMOS-MACIAS Spain

CI in SSD: is there a bimodal benefit for music quality ?

John GALVIN United States

Treatments of SSD/AHL: what to expect from other options than CI ?

Mathieu MARX France
Morgan POTIER France

PLANNED SESSION

14:00 ▶ 15:00

📍 ROOM DATTIER 1

Single-Sided Deafness & Asymmetric Hearing Loss: Current Therapeutic Challenges Child

CHAIRMEN

Philippe LEFEVRE Belgium
Thierry VAN DEN ABEELE France

A cortical biomarker for assessing plasticity and binaural function in children with unilateral hearing loss using a hearing aid

Yael HENKIN Israel

Longitudinal data of pre-lingually single-sided deaf children with and without a cochlear implant

Astrid VAN WIERINGEN Belgium

Benefits and challenges of cochlear implantation in children with pre-lingual and post-lingual Single Sided Deafness: Evidence from outcomes of brain and behaviour

Karen GORDON Canada

Sunday 22 September

FREE PAPER

11:00 ▶ 12:00

📍 ROOM DRAGONNIER 4

Single-Sided Deafness & Asymmetric Hearing Loss

CHAIRMEN

Soizik PONDAVEN-LETOURMY France
Mathieu MARX France

Epidemiology and clinical aspects of unilateral sensorineural hearing loss in children in Tunisia

Maissa LAJHOURI Tunisia

Evaluation of Spatial Listening in Single Sided Deafness: BAHA versus CROS Hearing Aids

Wafaa EL KHOLY Egypt

Towards a comprehensive assessment of unilateral hearing loss

Joaquin T. VALDERRAMA Spain

Synergistic compensation for auditory and visual processing in individuals with single-sided deafness

Yingying SHANG China

Amplification of the poorer ear by Stereo-BiCROS in case of asymmetric sensorineural hearing loss: effect on tinnitus

Morgan POTIER France

Fitting of Cochlear Implants in SSD patients: Reflections on Procedures and Results

Guido REETZ Germany

Speech perception in noise outcomes in single-sided deafness: RCT on the effect of cochlear implantation, bone conduction devices and contralateral routing of sound

Diane SMIT Netherlands

Friday 20 September

FREE PAPER

10:15 ▶ 11:15

ROOM DATTIER 3

Speech & Language (Children)

CHAIRMEN

Clara LEGENDRE *France*
Geraldine BESCOND *France*
Roberta REBESCO *France*

Exploratory study of high-frequency hearing in a paediatric population with and without language disorders – the question of a peripheral origin?

Marine HAUCHERE *France*

Neural synchronization with audiovisual speech relies on a sensitive period

Marta FANTONI *Italy*

The timeline of non-vocal and vocal communicative skills in infants with hearing loss

Roberta REBESCO *Italy*

Consonant and vowel production in children with cochlear implants and typical hearing peers : multiple factor analysis of acoustic measures

Sophie FAGNIART *Belgium*

Tone production in Cantonese-Mandarin bilingual children with cochlear implants: Disentangling the effects of bilingualism and hearing impairment

Jiaying LI *United Kingdom*

Development and validation of the eTOT: An observational tool to measure engagement in telepractice early intervention for families of young children with communication disorders

Felipe RETAMAL WALTER *Australia*

PLANNED SESSION

16:00 ▶ 17:00

ROOM DRAGONNIER 3

Auditory Digital Training Techniques

CHAIRMEN

Aurianne GROS *France*
Catherine SUCHER *Australia*
Christiane VÖLTER *Germany*

to be determined

Aurianne GROS *France*

Online auditory training for adult cochlear implant recipients

Christiane VÖLTER *Germany*

Saturday 21 September

PLANNED SESSION

14:00 ▶ 15:00

ROOM DRAGONNIER 4

The implications of missed opportunities for infants with cochlear implants prior to implantation

CHAIRMEN

Emmanuèle AMBERT-DAHAN *France*
Geneviève LINA-GRANADE *France*

Synchronization of auditory development with sensory and motor systems in the first year of life: Is it important for language development?

Liat KISHON-RABIN

Factors influencing the pathway to cochlear implants under 12 months of age

Deborah VICKERS

Efficacy of parent-implemented therapy on language development in deaf children with cochlear implants and the mechanisms by which this therapy exerts its effects

Douglas HARTLEY *United Kingdom*

The effect of parental smartphone use on multi-modal early caregiver-child interaction

Yael LEDERER

Panel Discussion

Deborah VICKERS
Liat KISHON-RABIN
Douglas HARTLEY
Yael LEDERER
Ronen PEREZ

FREE PAPER

15:00 ▶ 16:00

ROOM DRAGONNIER 4

Innovative Training Techniques for Auditory and Language Disorders

CHAIRMEN

Emmanuelle DAHAN France
Aurianne GROS France

Efficacy of individual computer-based auditory training for people with hearing loss: an updated systematic review and meta-analysis

Natalie LERIGO-SMITH United Kingdom

Adaptive digital hearing training in cochlear implant aftercare - data on user behavior

Maïka WERMINGHAUS Germany

Intervention for central auditory processing disorders (CAPDs): evidence for auditory training as an essential element of therapy protocols

Jeanane FERRE United States

Assessment of avatar lip-reading technology (AVI-Corse project). Perspectives of young people with and without hearing loss

Agnès PIQUARD-KIPFFER

Early assessment of communicative competence in children with hearing loss using the Child-Caregiver Communication Assessment through Rebesco's Evaluation (CC-CARE) method

Roberta REBESCO Italy

Auditory processing training in children with autism spectrum disorder

Konstantinos CHRISTIAS Greece

Effect of Whole Body Movement on Speech and Language Outcomes in Pediatric Cochlear Implant Users with Comorbid Autism

Banumathy NAGAMANI India

Sunday 22 September

PLANNED SESSION

10:00 ▶ 11:00

AMPHITHEATER SÉQUOIA

Speech and Language Disorders in Children

CHAIRMEN

Helen GRECH Malta
Marie-Thérèse LE NORMAND France

Bilingualism and child language disorder
Aude LALOI France

Function words in children with speech and language disorders

Hung THAI VAN France

Marie-Thérèse LE NORMAND France

Speech and Language Development in Children Born During The COVID-19 Pandemic: Case study

Helen GRECH Malta

Jade NAPPA Malta

Multilingual Challenges in Children with Speech and Language Difficulties

Helen GRECH Malta

Marie-Thérèse LE NORMAND France

FREE PAPER

11:00 ▶ 11:30

ROOM DATTIER 2

Speech Perception

Perception and Expression of Emotional Prosody by Children and Adolescents With and Without Hearing Loss

Tjeerd DE JONG Netherlands

Perception of Prosody, Emotional Speech, and Indirect Speech in Sensorineural Hearing Loss

Frederic MARMEL Sweden

Communication profiles of autistic and non-autistic students in mainstream classrooms

Wayne WILSON Australia

An automated development procedure for the digits-in-noise test: no need for human speakers or listeners anymore

Cas SMITS Netherlands

Thursday 19 September

WORKSHOPS

10:00 ▶ 11:00

📍 ROOM DRAGONNIER 3

What Do You Need to Know about Somatosensory Tinnitus in 2024 ?

Understanding the neural underpinnings of somatosensory tinnitus leads to effective treatment

Susan SHORE *United States*

Sarah MICHIELS *Belgium*

WORKSHOPS

11:00 ▶ 12:00

📍 ROOM DRAGONNIER 3

How to Manage Pulsatile Tinnitus : The Neuroradiological Approach

Emmanuel HOUDART *France*

WORKSHOPS

12:00 ▶ 13:00

📍 ROOM DRAGONNIER 3

Contribution of middle ear and multimodal plasticity to tinnitus and hyperacusis

Arnaud NORENA *France*

Philippe FOURNIER *Canada*

PLANNED SESSION

17:00 ▶ 18:00

📍 AMPHITHEATER EPICÉA

Tinnitus and Hyperacusis : Multimodal Plasticity

CHAIRMEN

Marie-José FRAYSSE *France*

Susan SHORE *United States*

Mechanisms of central plasticity after noise trauma

Arnaud NORENA *France*

Multimodal mechanisms contribute to the generation of tinnitus and hyperacusis in the cochlear nucleus.

Susan SHORE *United States*

GABA receptor availability in the auditory cortex of humans with tinnitus

Pim VAN DIJK *New Zealand*

Friday 20 September

FREE PAPER

10:15 ▶ 11:15

📍 ROOM DATTIER 1

Management of Pulsatile, Rhythmic and Somatosensory Tinnitus

CHAIRMEN

Emmanuel HOUDART *France*

Alain LONDERO *France*

Objective pulsatile tinnitus: a review of sound measurements in 171 patients

Sander UBBINK *Netherlands*

Hyperacusis and Associated Symptoms Among Conference Interpreters: Could the Middle Ear Muscles Be Involved?

Philippe FOURNIER *Canada*

2 cases of gaze -evoked tinnitus after vestibular schwannoma surgery

Mariko TAKHASHI

Mediation Analysis on the Correlation Between Misophonia and Fatigue, Sleep, Stress, Hyperacusis, and Mental Health: Preliminary Results

Fatma Betul KULA

Modulating the tinnitus distress network using electrical stimulation, an EEG study

Samer MOHSEN *Syrian Arab Republic*

Functional MRI neurofeedback for chronic tinnitus: a randomized clinical trial

Nicolas GNINENKO *Switzerland*

Outcomes of a Comprehensive Audiological Tinnitus Management Protocol by Addressing Sensation, Emotion and Cognition

Ali DANESH *United States*

PLANNED SESSION

16:00 ▶ 17:00

ROOM DRAGONNIER 4

Neural Correlates of Tinnitus in Humans

CHAIRMEN

Sylvie HEBERT *Canada*

Arnaud NORENA *France*

Using resting state fMRI to probe large-scale neural networks of tinnitus

Fatima HUSAIN *Usa*

Mapping tinnitus and hyperacusis with auditory cortical evoked potentials

William SEDLEY *Uk*

Tinnitus is characterized by aberrant auditory prediction patterns

Nathan WEISZ *Austria*

Saturday 21 September

PLANNED SESSION

15:00 ▶ 16:00

ROOM DRAGONNIER 6

Tinnitus and Hyperacusis : Innovative Interventions

CHAIRMAN

Hashir AAZH *United Kingdom*

Heritability and Molecular genetics of tinnitus

Jose ANTONIO LOPEZ ESCAMEZ *Australia*

Audiologist-Delivered Cognitive Behavioural Therapy (CBT) For Tinnitus, Hyperacusis and Misophonia Rehabilitation

Hashir AAZH *United Kingdom*

To be determined

Philippe FOURNIER *Canada*

Sunday 22 September

FREE PAPER

10:00 ▶ 11:00

ROOM DRAGONNIER 6

Tinnitus and Hyperacusis : Sound Therapies

CHAIRMEN

Philippe FOURNIER *Canada*

Loudness and affective responses to natural sounds in hyperacusis

Philippe FOURNIER *Canada*

Tinnitus Severity and Long-Term Effects of Hearing Aid Intervention in Older Adults with Age-Related Hearing Loss And a History of Occupational Noise Exposure

Sabina HOUMØLLER *Denmark*

Living with Zing: Exploring a Mobile app Intervention for Tinnitus, Hyperacusis, Misophonia

Amirhossein HAGHI *Islamic Republic of Iran*

Long-Term Observation of Tinnitus Pitch Fluctuations by Sound Therapy ~ Relationship with the Degree of Improvement

Shoko KATO *Japan*

Effect of cochlear implant, bone conduction device and contralateral routing of sound hearing aid on tinnitus in SSD

Diane SMIT *Netherlands*

An increase in the auditory steady-state response amplitudes after a period of listening to binaural beat stimuli in tinnitus patients: a pilot study

Maryam SADEGHJAM *Islamic Republic of Iran*

Association between cannabis and tinnitus: could loud music listening under cannabis influence be the missing link?

Philippe FOURNIER *Canada*

FREE PAPER

11:00 ▶ 12:00

ROOM DRAGONNIER 6

Tinnitus and Hyperacusis : Cognitive Approaches

CHAIRMEN

Rilana CIMA**Nicolas DAUMAN** France

A study of tinnitus modulation and autonomic activity during acute stress and noise exposure

Bérangère VILLATTE Canada

Management of Developmentally Disabled Children with Tinnitus

Fernando RENGIFO-CAICEDO

United States

Determination of the socio-demographic, psychological, and health factors predicting in tinnitus presence and severity: a data driven approach

Lise HOBEIKA France

Tinnitus suppression by means of cochlear implantation: does it affect cognition?

Annick GILLES Belgium

Experimentally measuring the functional impact of noisy environments on individuals with and without hyperacusis

Pierre BOUREZ

Measuring the efficacy of an individual's change in tinnitus loudness in response to a tinnitus intervention through a minimal clinically important difference value for a minimum masking level

In-Ki JIN Republic of Korea

How can we define cognitive and behavioral changes in time perception in patients who have accepted tinnitus?

Nicolas DAUMAN France

Thursday 19 September

WORKSHOPS

10:00 ▶ 11:30

📍 ROOM DATTIER 3

How to Assess Vestibular Function in Children from A to Z

Audrey MAUDOUX *France*
Sylvette WIENER-VACHER *France*
Yohan EJZENBERG *France*
Juliette HOUSSET *France*

WORKSHOPS

11:30 ▶ 13:00

📍 ROOM DATTIER 2

Imaging or genetic diagnosis for Meniere's disease ?

Jose ANTONIO LOPEZ ESCAMEZ *Australia*
Arnaud ATTYÉ *France*

WORKSHOPS

11:30 ▶ 13:00

📍 ROOM DATTIER 3

HINTS ++ for an accurate diagnosis in current peripheral vestibular disorders

CHAIRMAN

Eugen IONESCU *France*
Luigi CALIFANO *Italy*
Leonardo MANZARI *Italy*

PLANNED SESSION

13:45 ▶ 14:45

📍 AMPHITHEATER EPICÉA

State-of-the-art: Bilateral Vestibulopathy and Vestibular Implant

CHAIRMEN

Eugen IONESCU *France*
Charlotte HAUTEFORT *France*

The multiple facets of bilateral vestibulopathy
Nils GUINAND

Vestibular Implant and otolith stimulation, effect on fine movement in patients with BVD and neurological disorders
Angel RAMOS-MACIAS *Spain*

Vestibular implants: state of the art and future challenges
Angélica PÉREZ FORNOS *Mexico*

PLANNED SESSION

14:45 ▶ 15:45

📍 AMPHITHEATER EPICÉA

Third Window Syndromes : from Diagnosis to Current Treatment Options

CHAIRMEN

Vincent DARROUZET *France*
Eugen IONESCU *France*

From the Superior Semicircular Canal Dehiscence to the concept of the Third Mobile Window of the otic capsule
Gerard GIANOLI *Usa*

SSCD: diagnostic algorithms and surgical treatment - The French experience
Vincent DARROUZET *France*

Third window disorders in children and their differences with the adult phenotype
Soumit DASGUPTA *United Kingdom*

What should we know and learn about the natural evolution towards a self-plugged SSCD?

Andrea CASTELLUCCI *Italy*

Friday 20 September

PLANNED SESSION

10:15 ▶ 11:15

📍 ROOM DRAGONNIER 5

Fluctuating Vestibulopathy, Hydrops, Menière Disease and Assimilated Conditions

CHAIRMEN

Marie-José FRAYSSE France

Charlotte HAUTEFORT France

Vestibular paroxysmia: an underestimated diagnosis of recurrent vertigo

Michel TOUPET France

Vestibular Atelectasis one of the origin of fluctuating vestibular disease

Charlotte HAUTEFORT France

Meniere Disease: It is time for genetic and cytokine testing!

Jose ANTONIO LOPEZ ESCAMEZ Australia

FREE PAPER

11:15 ▶ 12:15

📍 ROOM DRAGONNIER 5

Vertigo & Balance Disorders: Objective Vestibular Assessment Measuring Vestibulo-Ocular Responses and Otolith Function

Addressing Diagnostic Discrepancies in Acute Vertigo: Comparing Emergency and Specialist Vestibular Assessments

Nehzat KOOHI United Kingdom

Gait impairments in patients with bilateral and chronic unilateral vestibulopathy

Anissa BOUTABLA France

Does VEMP response reappear after successful stapes surgery?

Ja-Won KOO Republic of Korea

Vestibular and imaging characteristics of individuals with infratentorial (classical) superficial siderosis: a cross-sectional study

Natalia KHARYTANIUK United Kingdom

Virtual-Reality-Enhanced Mannequin to Train Emergency Physicians to Examine Dizzy Patients by HINTS method

Morgane CORDA France

Clinical value of bedside HIT in the assessment of vertical semicircular canals impairment and its concordance with vHIT

Andrea CASTELLUCCI Italy

The Skull vibration-induced nystagmus - A bone-conducted Tullio phenomenon in the diagnosis of superior canal dehiscence

Sébastien SCHMERBER

PLANNED SESSION

13:30 ▶ 14:30

📍 ROOM DRAGONNIER 5

State-of-the-art: Objective vestibular assessment measuring vestibulo ocular responses and otolith function in 2024

CHAIRMEN

Didier BOUCCARA France

Alexis BOZORG-GRAYELI France

vHIT and caloric tests

Enrico ARMATO Italy

Refining interpretation of vHIT through in depth analysis of eye and head dynamics

Maxime MAHEU Canada

Subjective visual vertical and Otolithic tests

Alexis BOZORG-GRAYELI France

PLANNED SESSION

14:30 ▶ 15:30

📍 ROOM DRAGONNIER 5

Vertigo of Central Origin - Update on peripheral & central vestibular syndrome

CHAIRMEN

Pierre BERTHOLON France

Christian VAN NECHEL Belgium

An update on the Barany classification of vertigo

Alexander BISDORFF Luxembourg

Acute vestibular syndrome : central or not

Caroline FROMENT *France*

Vestibular migraine

Thomas LEMPert *Germany*

Vestibular areflexia in neurology

Alionka BOSTAN *Belgium*

FREE PAPER

17:00 ▶ 18:00

ROOM DATTIER 1

Vertigo & Balance Disorders in the Child

CHAIRMAN

Sylvette WIENER-VACHER

Enrico ARMATO

International Pediatric Otolaryngology Group (IPOG) consensus on vestibular testing in children

Aur lie COUDERT *France*

Developing a serious game for gaze stability rehabilitation in children with sensorineural hearing loss and vestibular hypofunction

Jos  Ignacio ORTEGA SOLIS *France*

Peripheral Vestibular Impairments and Balance Dysfunctions in Children with Sensorineural Hearing Loss

Liron KARIV *Israel*

The vestibular function of children with hearing loss

Johanna SALOMON

Pediatric Benign Paroxysmal Positional Vertigo: Degree of nystagmus and comorbid dizziness differed from adult BPPV

Jiwon CHANG *Republic of Korea*

Vestibular, radiological, audiometric and genetic phenotype of Waardenburg syndromes

Mathilde BENIFLA *France*

Saturday 21 September

PLANNED SESSION

10:45 ▶ 11:45

ROOM DRAGONNIER 5

Vertigo & Balance Disorders in the Child

CHAIRMEN

Soumit DASGUPTA *United Kingdom*

Sylvette WIENER-VACHER *France*

Brain concussion in children

Jacob BRODSKY

Paroxysmal recurrent vertigo in children and its relation to vestibular migraine in children

Thomas LEMPert *Germany*

Vestibular Infant Screening (VIS) – Flanders: Implementation of a standard vestibular screening protocol for hearing-impaired children in Flanders

Ingebord DHOOGHE *Belgium*

Impact of the vestibular impairment on posturomotor development in children

Sylvette WIENER-VACHER *France*

FREE PAPER

15:00 ▶ 16:00

ROOM DATTIER 1

Vertigo & Balance Disorders: Fluctuating Vestibulopathy, Hydrops, Menière Disease and Assimilated Conditions

CHAIRMEN

Ruben HERMANN**Audrey MAUDOUX** France

Walking towards the future – Improving cognitive diagnosis of vestibular patients through simple walking and deep pose estimation algorithm

Emilie LACROIX Belgium

Bascule maneuver along the LARP/RALP planes in the management of atypical PC-BPPV variants and its role in localizing debris

Andrea CASTELLUCCI Italy

Constant “baseline” electrical stimulation can improve vestibular function in patients implanted with vestibulo-cochlear implants

Gautier GROUVEL

Clinical characteristics in unilateral vestibular atelectasis

Morgane MARC France

Incidence of peripheral vestibular disorders based on population data of Korea

Junhui JEONG Republic of Korea

Unilateral vestibular hypofunction: Insights in etiologies, clinical subtypes, diagnostics and quality of life

Mustafa KARABULUT Netherlands

Capturing Nystagmus During Vertigo Attacks Using A Smartphone: Adherence, Characteristics And First Clinical Experiences

Ali MELLITI Netherlands

Thursday 19 September

18:00 ▶ 19:00

📍 AMPHITHEATER SÉQUOIA

WCA 2024 Opening Ceremony

Friday 20 September

PLANNED SESSION

13:30 ▶ 14:30

📍 ROOM DATTIER 3

Audiology and the WHO World Rehabilitation Alliance: Integrating hearing care in comprehensive inter-professional primary care

CHAIRMAN

Kathy PICHORA-FULLER Canada

GUEST PRESENTER

Katherine STEAD Canada

INTERNATIONAL PANELISTS

Catherine MCMAHON Australia

Danielle GLISTA Canada

De Wet SWANEPOEL South Africa

Peter THORNE New Zealand

PLANNED SESSION

17:00 ▶ 18:00

📍 ROOM DRAGONNIER 6

YO-IFOS session

CHAIRMEN

Daniele DE SIATI Belgium

Eleonora m.c. TRECCA Italy

Artificial intelligence in Audiology

Giovanni BRIGANTI Belgium

Current innovations in vestibular rehab therapy

Guyann CHANNER Jamaica

Remote learning in Otology

Lamees HEJAZI Lebanon

Training with VR: the HoloLens

Pareesh NAIK India

A new 3-D Printed Temporal Bone:

'the SAPIENS' - Specific Anatomical

Printed-3D-model In Education

and New Surgical Simulations

Giannicola IANNELLA Italy

Saturday 21 September

PLANNED SESSION

16:30 ▶ 17:30

📍 ROOM DRAGONNIER 3

IERASG session Electro-physiology & Auditory Evoked Potentials: Objective evaluation of auditory function from cochlea to cortex: Advances in auditory evoked potentials

CHAIRMEN

Andy BEYNON Netherlands

Suzanne PURDY New Zealand

Joaquin VALDERRAMA Spain

Opening remarks: Introduction

to International Evoked Response

Audiometry Study Group

Suzanne PURDY New Zealand

Electrophysiological support at different

stages of cochlear implantation

George TAVARTKILADZE Russia

Round window eABR for preoperative

assessment of auditory nerve function

in challenging cases

Martin WALGER Germany

Comprehensive evaluation of speech neural

processing function using simultaneous ac-

quisition of frequency following responses

and cortical auditory evoked potentials

Rafael DELGADO United States

Neural entrainment: an ecological measure

of listening to conversations

Mridula SHARMA Australia

PLANNED SESSION

11:45 ▶ 12:45

📍 ROOM DATTIER 2

BIAP session

CHAIRMEN

Edilene BOECHAT Brazil**Sebastian COZMA** Romania

Early assessment and early fitting of technical devices in hearing impaired children

Andrea BOHNERT Germany**Thomas WIESNER** Germany

Auditory Neuropathy Spectrum Disorder

Monica CHAPCHAP Brazil**Laurent DEMANEZ** Belgium

HATS - Hearing Assistive Technology Systems

Kristin KERKHOFS Belgium**Anne KEROUEDAN** France

Vestibular Disorders

Hung THAI VAN France**Sylvette WIENER-VACHER** France

PLANNED SESSION

11:45 ▶ 12:45

📍 ROOM DRAGONNIER 3

Establishment and Development of the Korean Audiologic Society

CHAIRMAN

Jong Woo CHUNG Korea

Development of Korean Audiology and Recent Research

Jinsook KIM Korea

Advancements in Korean Speech Audiometry: Standardization Milestones and Clinical Implications

Hyunsook JANG Korea

Republic of Korea's current state of research and industry in the field of Hearing Aids and Tinnitus

In-Ki JIN Korea

Statistics of CI in Korea and performance of CI in inner ear anomaly

Jun HO LEE Korea

Brain volumetric analysis of elderly patients based on hearing levels quantified using FreeSurfer

Joong Ho HO AHN Korea

Introduction to Hearing and Cognitive Digital Therapeutics for Older Adults in Korea

Woojae HAN Korea

PLANNED SESSION

11:45 ▶ 12:45

📍 ROOM DRAGONNIER 4

International Association of Communication, Sciences and Disorders session : Tackling the problem of the Blind Men and the Elephant in APD by emphasising the need for multidisciplinary practice

CHAIRMEN

Vidya RAMKUMAR India**Shaza SALEH** Saudi Arabia**Katrin NEUMANN** Germany**Mridula SHARMA** Australia**Suzanne PURDY** New Zealand**Christie YOSHINAGA ITANO** United States**Limor LAVIE** Israel

PLANNED SESSION

13:00 ▶ 14:00

📍 ROOM DATTIER 3

ISA Affiliated Societies Meeting

PLANNED SESSION

16:30 ▶ 17:30

📍 ROOM DATTIER 1

International Classification of Functioning, Disability and Health model (ICF) in Cochlear Implant recipients

CHAIRMAN

Griet MERTENS Netherlands

The protocol of outcome assessment after cochlear implantation developed based on the International Classification of Functioning, Disability and Health – body structure and functions domain

Artur LORENS Poland

Implementation of the International Classification of Functioning, Disability and Health model in Cochlear Implant recipients

Anja KURZ Germany

The ICF and cochlear implant indications: looking at raw data

Ilona ANDERSON Austria

Work Rehabilitation Questionnaire (WORQ) in Cochlear Implant Users: a cross-sectional multicenter study

Miryam CALVINO Spain

Towards a consensus on an ICF-based classification system for horizontal sound source localization

Griet MERTENS Netherlands

Implementation of the International Classification of Functioning, Disability and Health model in Paediatric Cochlear Implant recipients

Ellen ANDRIES Belgium

PLANNED SESSION

16:30 ▶ 17:30

📍 ROOM DATTIER 3

Ask the ICRA Experts

CHAIRMAN

Gabrielle SAUNDERS United Kingdom

Research interests: assessment of hearing device outcomes and development of these tools; Chinese speech perception; evidence-based practice

Lena Lai Nar WONG Hong Kong

Research interests: Hearing rehabilitation across the lifespan

Astrid VAN WIERINGEN Belgium

Research interests: Hearing-related access to care, early detection and intervention, telemedicine

De Wet SWANEPOEL South Africa

Research interests: measures of speech recognition for experimental settings and patient care

Cas SMITS Netherlands

Research interests: Hearing loss and cognition, hearing-related stigma, inter-professional primary care collaborations

Kathy PICHORA-FULLER Canada

Research interests: Holistic hearing, hearing aid outcome measures, innovations in health, healthy aging

Stefan LAUNER Switzerland

Research interests: hearing rehabilitation, person-health provider relationships, digital health, public health

Ariane LAPLANTE-LÉVESQUE Sweden

Research interests: Intervention for profoundly deaf infants, effects of auditory deprivation on speech and language development, auditory learning, development of speech perception measures

Liat KISHON-RABIN Israel

Research interests: auditory rehabilitation, patient centred care, teleaudiology

Deborah FERRARI Brazil

Research interests: auditory aging, hearing screening, policies around improvement of hearing health care

Judy DUBNO Usa

Research interests: spatial hearing, psychophysics methods, prevalence

Michael AKEROYD United Kingdom

Sunday 22 September

14:45 ▶ 15:30

📍 ROOM DRAGONNIER 3

WCA 2024 Closing Ceremony

Sunday 22 September

13:15 ▶ 14:45

📍 ROOM DATTIER 2

Poster session

Key Frequency for Loudness Discomfort Levels in Patients with Hyperacusis

Gyungsik JEON *Republic of Korea*

The relationship between auditory processing, speech, language, and cognition in children with Listening Difficulties

Alisha Isaac GUDKAR *Australia*

Effectiveness of Hearables in Enhancing Speech Recognition in Normal-Hearing Individuals

Sarah SADI *Canada*

Performance of children and adolescents on the French VRB (QuickSIN) sentence-in-noise test

Jeanne DESREUMAUX

The influence of deafness and cochlear implant on working memory development in children

Anne LASFARGUES-DELANNOY *France*

Evolution of Cognitive Functioning after Cochlear Implantation in Adults Aged 55 Years and Older at Risk for Mild Cognitive Impairment: Preliminary Results

Ellen ANDRIES *Belgium*

Early activation of cochlear implants in children

Maelle RACCAH

The effectiveness of a weighted prediction error algorithm for dereverberation in cochlear implants

Nienke LANGERAK *Netherlands*

Comparison of Tonal and Default Frequency Fitting for Speech Understanding in Noise in New Cochlear Implantees:

A Prospective, Randomized, Double-Blind, Cross-Over Study

Gwenaëlle CREFF *France*

Minimizing Long-Term Impedance through Early Activation

Yassin ABDELSAMAD *Saudi Arabia*

Changes in Revision Cochlear Implantation and Device Failure Profiles

Yujin HEO *Republic of Korea*

EEG-based Auditory Attention Decoding for neuro-steered hearing aids: decoding conversations in a multi-talker restaurant environment

Iris VAN DE RYCK *Belgium*

Medial Olivocochlear Reflex with stimulus FPL-calibration: Preliminary results in adults

Seisse Gabriela G SANCHES

Impact of obesity and rapid weight loss after bariatric surgery in functionality of Eustachian Tube: A Systematic Review

Andressa PELAQUIM *Brazil*

Distortion product otoacoustic emissions in patients with tinnitus and normal pure-tone thresholds

Emmanuel EROTOKRITAKIS

Predictive accuracy of wideband tympanometry in identifying conductive hearing loss in infants

Joseph KEI *Australia*

Relationship between Persistence and Pupil dilation for Time Compressed Speech materials in Younger and Older Listeners

Sridhar KRISHNAMURTI *United States*

Looking for a biomarker of neuroplasticity in congenital deafness treatment by cochlear implantation – is plasma level of MMP-9 a one?

Matusiak MONIKA

Auditory Cognitive Determinants of Speech-in-Noise Perception

Hasan COLAK *United Kingdom*

Decades of Improvement: Unravelling the factors behind better hearing in Swedish 70-year-olds

Mona ENG *Sweden*

Metformin alleviates auditory cell senescence by mitophagy induction

Sung-II CHO *Republic of Korea*

Cochlea Transcriptome Analysis of the GJB2 gene p.V371 Mutant Aging Mice

Yiding YU *China*

Association between age-related hearing loss and gait disorders in older

Sophie BOUCHER *France*

Two cases of auditory neuropathy in children with mutations in TWNK gene

Gaziz TUFATULIN *Russian Federation*

Visuospatial working memory as a predictor of gait performance in adults with normal hearing and hearing aid users: a longitudinal perspective

Francesca LUCCINI *Sweden*

Poorer reading comprehension with increased reliance on working memory in adults with hearing loss

Ruijing NING *Sweden*

The auditory phenotype of behavioural variant and right temporal variant frontotemporal dementia

Doris Eva BAMIOU *United Kingdom*

Uncertain evidence of disruption in the processing of speech in noise by student musicians at risk of cochlear synaptopathy

Stephanie MONETTE *Canada*

Developmental Coordination Disorder and Auditory Processing in school- aged children

Konstantina TSALLA *Greece*

Enhancing Auditory Perception through Tactile Stimulation: A Comparative Study of Auditory, Tactile, and Multimodal Timbre Perception and Music Recognition

Loonan CHAUVETTE *Canada*

13:15 ▶ 14:45

ROOM DATTIER 3

Poster session

Microneedle-mediated delivery of AAV through the round window membrane for inner ear gene therapy

Eugenie BREIL *France*

The Impact of Hearing Aid Use on Mental Health in Patients with Hearing Loss: A Nationwide Population-Based Study

Hee Won SEO

Disadvantaged Individuals Willingness to Pay for Hearing Aids and Services in the US

Carole JOHNSON *United States*

Advancing Auditory Processing Disorder Management in Adults: A Systematic Review and Meta-analysis of Intervention Efficacy

Rachel CRUM

Association between the home-to-health-care center distance and hearing aid abandonment among older adults

Eduardo FUENTES-LÓPEZ *Chile*

Barriers and non-auditory constraints to the use of hearing aids in subjects with motor and/or visual impairments

Florine LIEGEON *France*

Role of topical antibiotic ointment in the lateral graft following underlay myringoplasty. A prospective randomised study

Zhengcai LOU *China*

Remote Check tool for Cochlear Implant follow up in adults' patients

Francisco ROPERO ROMERO *Spain*

Novel Approach for Image-Guided Minimally Invasive Cochlear Implantation: Integrating Navigation Registration and AI-Based Temporal Bone Segmentation

Furong MA *China*

Assistive technology to support the most common type of childhood hearing loss in UK and Malawi

Tamsin HOLLAND BROWN *United Kingdom*

Preserving the Hearing Health of Music Students: Exploratory study on knowledge, behavior and attitudes facing sound overexposure

Michelle YEUNG *Canada*

Effective Use of Earplugs among Military Personnel

Oded BEN-ARI *Israel*

That looks noisy: evaluation and preference of an image-based questionnaire (IBQ) for assessing hearing

Emanuele PERUGIA *United Kingdom*

Wideband frequency impedance for diagnosis of ossicular chain abnormality

Hisashi SUGIMOTO *Japan*

Estimation of an audiogram using Chirp stimulus in children with sensorineural hearing loss

Fabiana ARAUJO *Brazil*

Sex differences in associated factors for age-related hearing loss

Park MIN-HYUN

Tests for assessing extended high-frequency hearing in humans: a scoping review

Melanie LOUGH *United Kingdom*

Offering targeted screening for congenital CMV at the regional level: what do Maternity Units say?

Marine PRIGENT *France*

Audiological profile and analysis of auditory self-perception post-covid-19

Milaine Dominici SANFINS

Relationship between metabolic syndrome, metabolic diseases and hypoacusis risk: a systematic review with meta-analysis

Maria Victoria DIAZ FRANCO *Chile*

The impact of using the Ida "My Hearing Explained" tool on audiologists' language and patient understanding of hearing test results: a comparison with standard audiogram explanations

Helen WHISTON *United Kingdom*

Changes in auditory cortical activity contralateral to the stimulation related to improved auditory spatial ability after VR-based training

Hyo-Jeong LEE *Republic of Korea*

Seeing Speech: Probing the cerebral mechanisms of Cued Speech perception

Annahita SARRÉ *France*

Auditory Processing deficits in children with stuttering

Ioannidou ELEFThERIA

The neural mechanisms of alertness deficits in relation to tinnitus

Anna SKRZATEK *France*

Development of an awake animal model for hyperacusis screening

Sylvie PUCHEU *France*

Rough sounds processing: effects on autonomic, behavioral and neural responses in population with heightened sensitivity to sounds

Noémi GONÇALVES *France*

Behavioral and Electrophysiological Perspectives on Attention and Working Memory in Tinnitus

Harini VASUDEVAN *India*

Alternate Electrode Montage Can Improve the Response Prevalence of Ocular Vestibular-Evoked Myogenic Potential in Auditory Neuropathy Spectrum Disorder

Rajesh Kumar RAVEENDRAN *India*

Dynamic posture characteristics and hearing capabilities in patients with obstructive sleep apnea

Mario MILKOV *Bulgaria*

WCA
PARIS 2024

Symposia

Friday 20 September

LUNCH SYMPOSIUM

12:15 ▶ 13:30

📍 AMPHITHEATER SÉQUOIA



There's more to Audiology than meets the Ear

What the audiogram doesn't tell us

Mark LAUREYNS *Belgium*

The Cognitive Ear and the Consequences for Hearing Care

Nicola QUARANTA *Italy*

Hearing and Balance for Healthy Ageing and the Consequences for Hearing Care, the A&ExES study

Manuel MANRIQUE *Spain*

Socio economic inequalities, early intervention, and personalized care - Big data research

Fabien AUBERGER *France*

Discussion and Conclusions

SYMPOSIUM

12:30 ▶ 13:30

📍 ROOM DATTIER 1



ENT & Audioprosthesis: An essential team

Tinnitus and sound therapy: when, why and how? Reflections on clinical cases

Marie-José FRAYSSE *France*

Olivier AKERIB *France*

Ultra-early care of childhood deafness

François-Xavier BÉTOLAUD *France*

Emilie BOIS *France*

Bone conduction: from physiology and diagnosis to ENT care. Clinical cases with different devices

José ESTRADA *France*

Daniele BERNARDESCHI *France*

SYMPOSIUM

12:30 - 13:30

📍 ROOM DATTIER 2



Treating Hearing Loss : Are we at the dawn of a therapeutic revolution?

CHAIRMAN

Natalie LOUNDON *France*

Hearing Preservation: Relevant Medical Progress in Cisplatin-Induced Ototoxicity and Hearing Loss Following Cochlear Implantation

Yann NGUYEN *France*

Stephen O'LEARY *Australia*

Gene Therapy: A Ray of Hope for Congenital Hearing Disorders

Catherine BIRMAN *France*

What Future for These New Therapeutics?

Natalie LOUNDON *France*

SYMPOSIUM

12:30 ▶ 13:30

📍 ROOM DRAGONNIER 3



Saturday 21 September

SYMPOSIUM

12:45 ▶ 13:45

ROOM DATTIER 2



From Hearing screening to complex cases management

CHAIRMAN

Hung THAI VAN France

It is time to change the way we think about hearing evaluation

Vivian ILIADOU Greece

What makes an auditory disorder complex?

Stephane MAISON

Imag(in)ing the Tinnitus Brain

Fatima HUSAIN

Shaping a cautious cognitive approach to auditory processing disorder

Frank MUSIEK United States

SYMPOSIUM

12:45 ▶ 13:45

ROOM DRAGONNIER 4



How Audiology can profit from (big) data analysis: from clinical practice to basic science and medical device development

CHAIRMEN

Arnaud COEZ France

Birger KOLLMEIER Germany

Clinical practice and clinical research: introduction to data organization challenges

Arnaud COEZ France

Characterization of presbycusis: from functional evaluation to genetic

Paul AVAN France

Audiological data management: How to obtain and interpret standardized data

Birger KOLLMEIER Germany

Big data analysis : toward audiological decision making

Mareike BUHL France

Big Data in the development of hearing aids and service delivery

Stefan LAUNER Switzerland

Charlotte VERCAMMEN

Time for questions

WCA
PARIS 2024

Exhibition

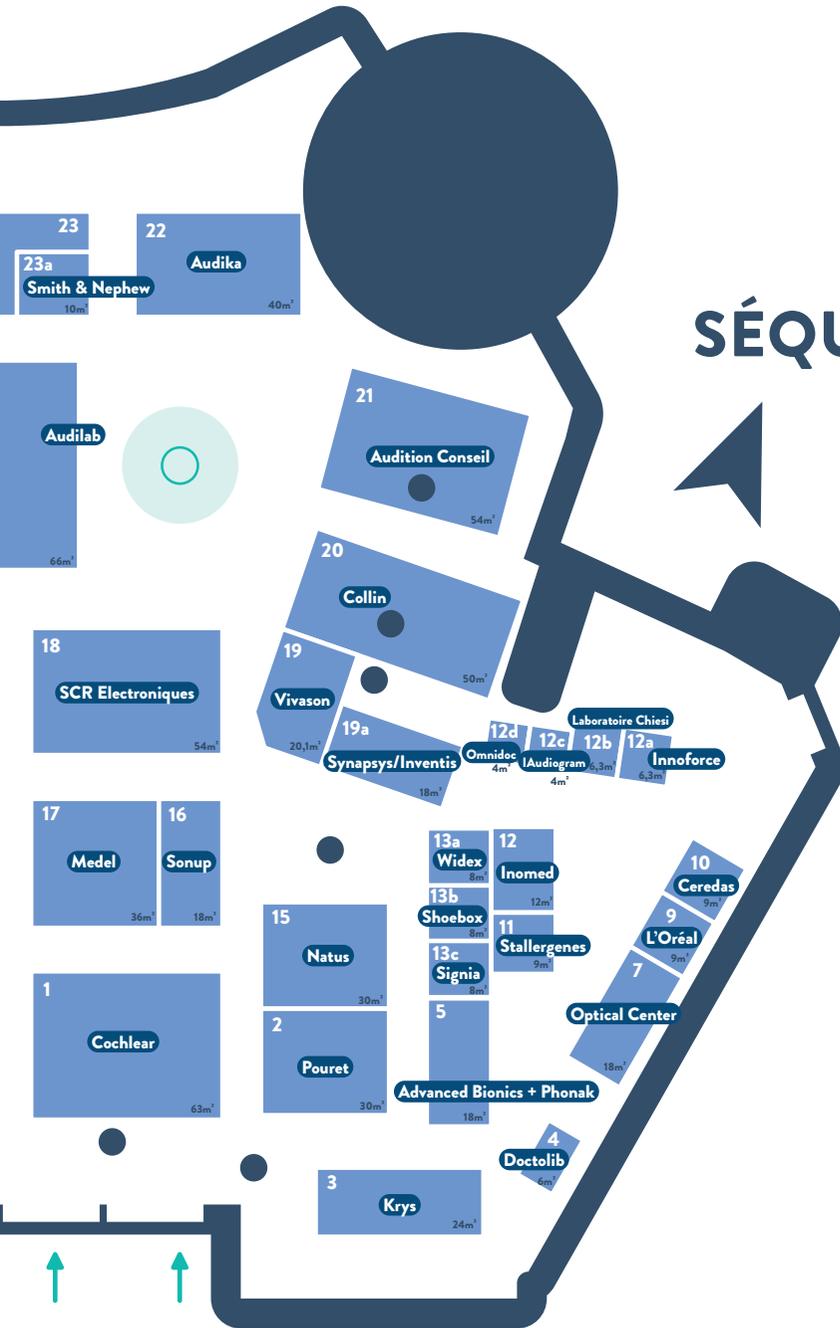


Exhibition plan

NIVEAU B : SFORL + WCA

ÉPICÉA





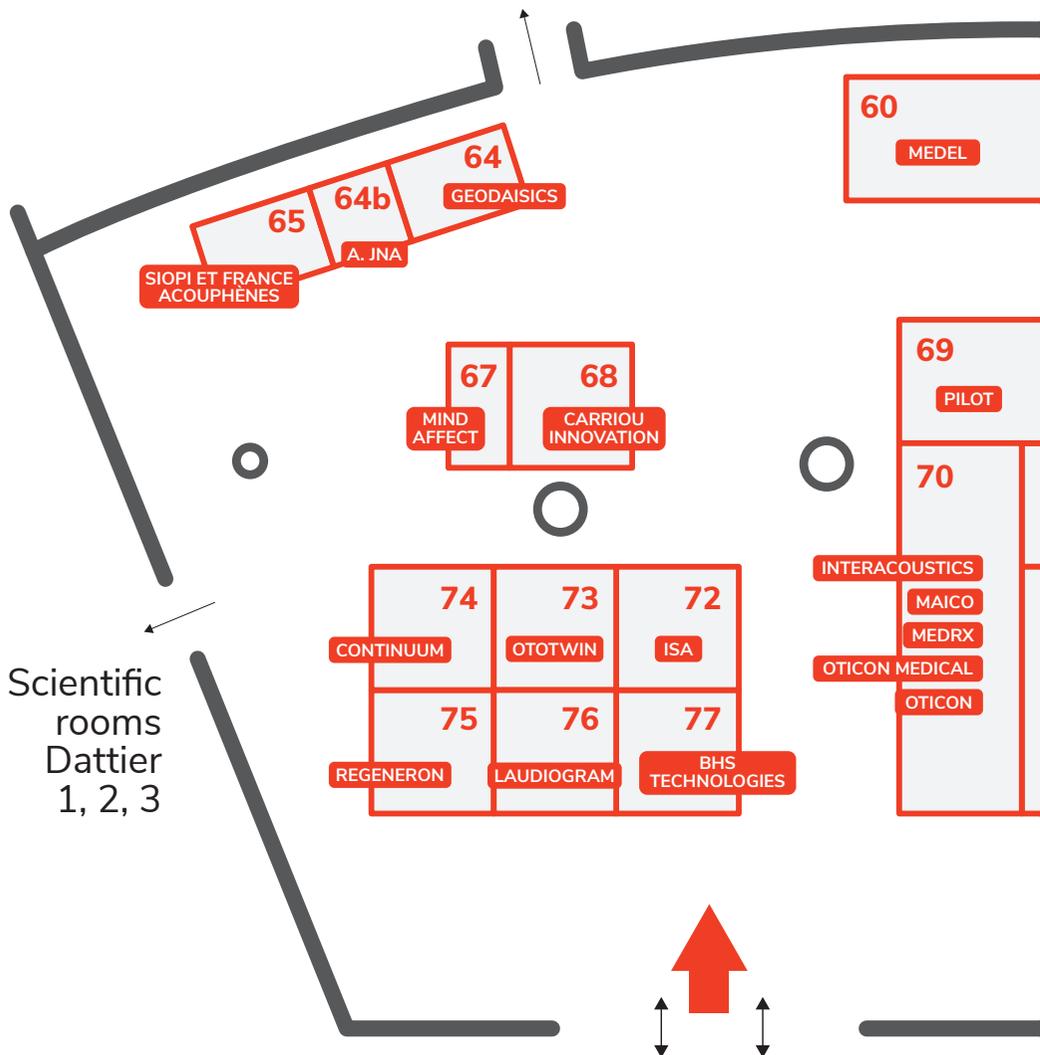
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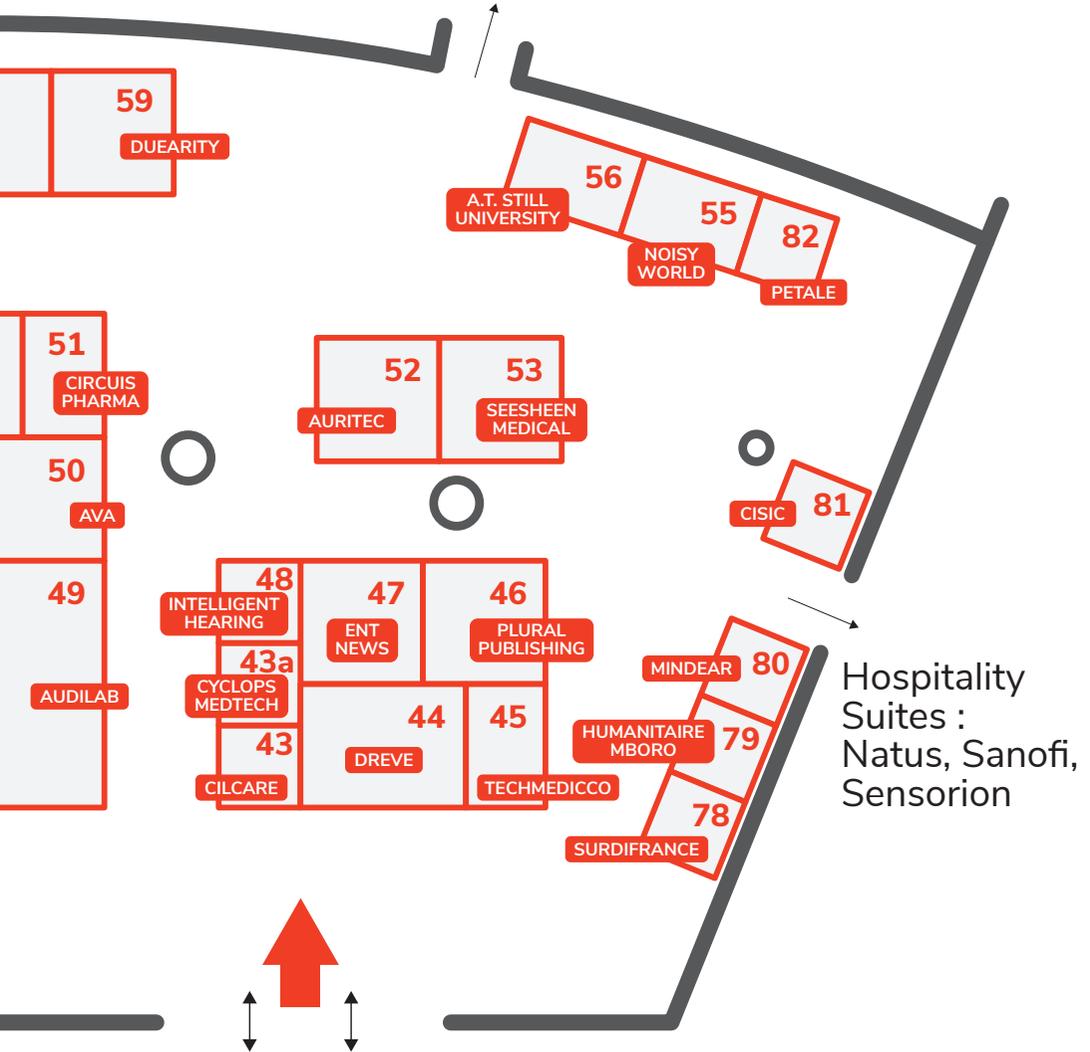
Exhibition plan

NIVEAU D

Scientific rooms
Dragonnier 3, 4



Scientific room
Dragonnier 5, 6





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Toilette
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Locker



Accueil
Reception

LEVEL / NIVEAU C



LEVEL / NIVEAU D





Notes

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About the CHORD Clinical Trial

The CHORD clinical trial is a Phase 1/2, open-label, multicenter study to evaluate the safety, tolerability, and efficacy of DB-OTO—an investigational gene therapy—in children and infants with hearing loss due to variants in the otoferlin (*OTOF*) gene.*



Children may be eligible to participate in the CHORD clinical trial if they meet the following criteria:

- Under the age of 18 years
- Hearing loss due to variants in the *OTOF* gene as determined by genetic testing
- At least one ear has not already received cochlear implant

If you have questions or would like to learn more about the CHORD clinical trial, contact the trial team at clinicaltrials@regeneron.com.

*Investigational means that it is not approved for use outside of clinical trials.



**Scan the QR code
for more information
about the CHORD
clinical trial**

**DB-OTO is an
investigational gene
therapy created to
deliver a functional
copy of the *OTOF* gene
in the inner hair cells via
surgical injection to
the cochlea.**

Reference: ClinicalTrials.gov. A study of DB-OTO, an AAV based gene therapy, in children/infants with hearing loss due to otoferlin mutations (CHORD). Updated June 21, 2024. Accessed August 11, 2023. <https://classic.clinicaltrials.gov/ct2/show/NCT05788536>

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