



# HeAL 2024

## Hearing Across the Lifespan

**Program**

**June 6-8, 2024**

***Cernobbio, Lake Como, Italy***

[www.heal2024.org](http://www.heal2024.org)





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Welcome to HEAL 2024, a premier platform showcasing cutting-edge developments in Audiology and related fields. With attendees hailing from over 40 countries, this gathering embodies an international spirit, fostering collaboration and innovation.

Distinguished for its inclusive approach, this conference embraces professionals from diverse backgrounds, transcending the boundaries of traditional medical models. This inclusivity sets it apart, offering a holistic perspective on hearing care that extends beyond medical aspects.

HEAL 2024 promises an enriching experience with sessions covering both classic and emerging topics. From Epidemiology to Artificial Intelligence Applications, the agenda is curated to provide insights into the forefront of Audiology and Hearing Care at large. Structured sessions, including symposia and special sessions coordinated by leading clinicians and researchers, offer deep dives into pivotal areas such as Precision Diagnostics and Community-delivered Hearing Care.

Esteemed experts from around the globe will deliver keynote lectures, delving into topics ranging from Objective measures in cochlear implantation to the Importance of Global Partnerships for Multiple Disabilities and of Hearing Screening and intervention programs for people with intellectual disability in their live environment.

As we embark on this journey together, may you find inspiration in the updates shared and the expertise of our speakers. Let us embrace the spirit of collaboration and innovation as we explore the multidimensional aspects of Audiology at HEAL 2024.

**Ferdi Grandori (Chair)**

*National Research Council of Italy - CNR-IEIIT - Institute of Electronics, Information Engineering and Telecommunications, Milan Unit based at the Dept. of Electronics, Information and Bioengineering, Polytechnic of Milan, Italy*

**Sophia E. Kramer, PhD (Co-chair)**

*at the Amsterdam UMC – location VU University Medical Center in Amsterdam, The Netherlands*

**Alessia Paglialonga, PhD (Co-chair)**

*National Research Council of Italy - CNR-IEIIT - Institute of Electronics, Information Engineering and Telecommunications, Milan Unit based at the Dept. of Electronics, Information and Bioengineering, Polytechnic of Milan, Italy*



**Chairman**

Ferdi Grandori

**Co-chairs**

Sophia E. Kramer

Alessia Paglialonga

**Organizing Secretariat**



Abano Terme - Padova, Italy

[www.meetandwork.it](http://www.meetandwork.it)

**Venue**

Villa Erba Congress Center, Cernobbio, Italy

**Delegates represent the following Countries**

|           |              |                          |
|-----------|--------------|--------------------------|
| Australia | Ireland      | Spain                    |
| Austria   | Israel       | Sweden                   |
| Belgium   | Italy        | Switzerland              |
| Brazil    | Malta        | Tajikistan               |
| Canada    | Norway       | The Netherlands          |
| China     | New Zealand  | Taiwan                   |
| Denmark   | Poland       | Ukraine                  |
| Finland   | Russia       | United Kingdom           |
| France    | Singapore    | United States of America |
| Germany   | Slovenia     | Uzbekistan               |
| Indonesia | South Africa | Venezuela                |
| Iran      | South Korea  |                          |



### **EACCME accreditation**

The **HEAL 2024- HEaring Across the Lifespan, Cernobbio, Lake Como, Italy, 6/06/2024-8/06/2024** has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®)

for a maximum of **12.5** European CME credits (ECMEC®s).

Each medical specialist should claim only those credits that he/she actually spent in the educational activity.

The EACCME® is an institution of the European Union of Medical Specialists (UEMS), [www.uems.eu](http://www.uems.eu).

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credits to AMA credits can be found at [www.ama-assn.org/education/earn-credit-participation-international-activities](http://www.ama-assn.org/education/earn-credit-participation-international-activities). Live educational activities occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC® credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

### **EACCME® credits**

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the feedback form. Cf. criteria 9 and 23 of UEMS 2016.20.

### **Breakdown of ECMEC®s per day:**

6.06.2024 - **3.5**

7.06.2024 - **6.5**

8.06.2024 - **2.5**

The EACCME® awards ECMEC®s on the basis of 1 ECMEC® for one hour of CME with a maximum of 8 ECMEC®s per day. Cf. Chapter X of UEMS 2016.20.



### **ECM credits (for Italian participants only)**

Il convegno HEAL 2024 (codice evento 211-420122) è accreditato ECM (Educazione Continua in Medicina) per le seguenti categorie: Medico Chirurgo con discipline di ORL, Audiologia e Foniatria, Pediatria e Geriatria. Logopedista, Tecnico Audiometrista, Tecnico Audioprotesista.

**Crediti assegnati: 4,5 (quattro virgola cinque).**

# Program

| Thursday, 6 June 2024 |  |   |  |  |
|-----------------------|--|---|--|--|
| 09:00-13:30           | REGISTRATION   |   |  |  |
|                       | <b>Room AIDA</b>   | <b>Room BOHEME</b>  | <b>Room CARMEN</b>   | <b>Room DON GIOVANNI</b>                             |
| 13:30-13:45           | Welcome  |   |  |  |
| 13:45-14:15           | <b>Symposium</b><br>COMMUNITY-DELIVERED HEARING CARE: BRINGING WHO GUIDANCE INTO PRACTICE<br>De Wet Swanepoel & Carrie Nieman  |   |  |  |
| 14:15-14:45           |  |   | HEARING CARE IN UNDERSERVED POPULATIONS                    | EDUCATIONAL DEVELOPMENT IN CHILDREN                  |
| 14:15-15:00           | <b>Special Session</b><br>APPLICATIONS, STRENGTHS, AND PITFALLS OF ECOLOGICAL MOMENTARY ASSESSMENT<br>EMA Methods in Audiology Working Group   | SPEECH PERCEPTION/DISCRIMINATION (1)  |  |  |
| 15:00-15:30           |  |   | SCREENING AND EPIDEMIOLOGY (NEWBORNS AND CHILDREN) (1)     | SPEECH PERCEPTION/DISCRIMINATION (2)                 |
| 15:30-16:15           |  | IMPLANTABLE DEVICES - CANDIDACY AND ASSESSMENT  |  |  |
| 16:15-16:45           | Break  |   |  |  |
| 16:45-17:15           | GENETICS AND BIOLOGICAL ISSUES   | <b>Keynote Lecture</b><br>OBJECTIVE MEASURES AT DIFFERENT STAGES OF COCHLEAR IMPLANTATION<br>George Tavartkiladze   | SCREENING AND EPIDEMIOLOGY (NEWBORNS AND CHILDREN) (2)     | AUDITORY TRAINING                                    |
| 17:15-17:30           |  |   |  |  |
| 17:30-17:45           |  |   |  |  |
| 17:45-18:00           |  | IMPLANTABLE DEVICES - OUTCOMES  |  |  |
| 18:00-18:15           |  |   |  |  |
| 18:15-18:30           |  |   |  |  |
| Friday, 7 June 2024   |  |   |  |  |
|                       | <b>Room AIDA</b>   | <b>Room BOHEME</b>  | <b>Room CARMEN</b>   | <b>Room DON GIOVANNI</b>                             |
| 08:30-08:45           |  |   |  |  |
| 08:45-09:45           | <b>Special Session</b><br>PRECISION DIAGNOSTICS AND THERAPY ACROSS THE LIFESPAN - HEARINGALL<br>Birger Kollmeier & Thomas Lenarz   |   |  | OUTCOME OF EDHI PROGRAMS (1)                         |
| 09:45-10:15           | <b>Keynote Lecture</b><br>UNIVERSAL HEARING SCREENING AND INTERVENTION PROGRAMS FOR PEOPLE WITH INTELLECTUAL DISABILITY.<br>Katrin Neumann   | AUDITORY PROCESSING DISORDERS   | HEARING LOSS, COMMUNICATION AND QUALITY OF LIFE            | SCREENING AND EPIDEMIOLOGY (NEWBORNS / CHILDREN) (3) |
| 10:15-10:45           | <b>Keynote Lecture</b><br>EXTENDED HIGH FREQUENCY HEARING LOSS HIDING UNDERNEATH A NORMAL AUDIOGRAM<br>Srikanta Mishra   |   |  |  |
| 10:45-11:15           | Break  |   |  |  |
| 11:15-13:00           | <b>Special Session</b><br>EMPOWERING HEALTHCARE PROFESSIONALS IN SUPPORTING OLDER ADULTS WITH COMORBID ...<br>Dona Jayakody & Rob Eikelboom  | EARLY IDENTIFICATION - TECHNIQUES AND METHODS (1)   | IMPLANTABLE DEVICES: STRATEGIES AND FRAMEWORKS             | IMPROVING HEARING CARE AND SERVICES                  |
| 13:00-14:00           | Lunch  |   |  |  |
| 14:00-14:30           | <b>Keynote Lecture</b><br>THE IMPORTANCE OF GLOBAL PARTNERSHIPS FOR MULTIPLE DISABILITIES<br>Karen Keyes & Roxanna Spruyt  | <b>Special Session</b><br>LISTENING EFFORT AND AFFECTIVE RESPONSES: EXPLORING THE MULTIDIMENSIONAL ASPECTS OF HEARING<br>Alessia Paglialonga & Edoardo Polo | INTERVENTION AND REHABILITATION: STRATEGIES AND FRAMEWORKS |  |
| 14:30-15:15           |  |   |  | PATIENTS AND FAMILIES                                |
| 15:15-15:30           |  |   |  |  |
| 15:30-16:15           | PATIENTS WITH COMPLEX CONDITIONS   | LISTENING EFFORT  |  |  |
| 16:15-16:30           |  |   |  |  |
| 16:30-16:45           |  | EARLY IDENTIFICATION - TECHNIQUES AND METHODS (2)   | EPIDEMIOLOGY (ADULTS)                                      |  |
| 16:45-17:00           |  |   |  | TELEAUDIOLOGY  |
| 16:45-17:15           |  |   |  |  |
| 17:15-17:30           |  |   |  |  |
| 17:30-19:00           | POSTER SESSION & refreshments  |   |  |  |
| Saturday, 8 June 2024 |  |   |  |  |
|                       | <b>Room AIDA</b>   | <b>Room BOHEME</b>  | <b>Room CARMEN</b>   | <b>Room DON GIOVANNI</b>                             |
| 09:00-09:30           | <b>Keynote Lecture</b><br>AUDITORY SITUATION AWARENESS: THE CONUNDRUM WHEN YOUR LIFE DEPENDS UPON HEARING AND YOUR HEARING DEPENDS ON YOUR HEARING PROTECTOR OR EARPHONE<br>John G. Casali | OUTCOME OF EDHI PROGRAMS (2)  |  |  |
| 09:30-10:00           |  |   |  |  |
| 10:00-10:30           | IDENTIFICATION AND PREVENTION OF HEARING LOSS  | DIGITAL SOLUTIONS   |  |  |
| 10:30-10:45           |  |   |  |  |
| 10:45-11:15           | Break  |   |  |  |
| 11:15-12:00           | TINNITUS   |   |  |  |
| 12:00-12:30           |  | AMPLIFICATION - TECHNOLOGIES AND STRATEGIES   |  |  |
| 12:30-12:45           | PERSON-CENTERED CARE   |   |  |  |
| 12:45-13:15           |  |   |  |  |
| 13:15                 | End of the Conference  |   |  |  |

POSTERS ON DISPLAY

| TECHNOLOGY UPDATE SESSIONS |                         |
|----------------------------|-------------------------|
| <b>Room DON GIOVANNI</b>   | <b>Room AIDA</b>        |
| Thu 6 June, 17:30-18:00    | Fri 7 June, 17:00-18:15 |
| SESSION 1                  | SESSION 2               |

# HeAL 2024

## Hearing Across the Lifespan

June 6-8, 2024  
Cernobbio, Lake Como, Italy

| Thursday, 6 June – ROOM AIDA |   |
|------------------------------|---|
| 09:00-13:30                  | Registration  |
| 13:30-13:45                  | <b>Welcome</b>  |
| <b>13:45-14:45</b>           | <b>Symposium</b><br><b>Community-delivered hearing care: bringing WHO guidance into practice</b><br><i>Organized by De Wet Swanepoel and Carrie Nieman</i>  |
| 13:45-14:00                  | <b>185 - World Health Organization guidance on hearing aid service delivery approaches in low-resource setting</b><br><u>Lauren Dillard</u> <sup>(1)</sup> - Carolina Der <sup>(2)</sup> - Shelly Chadha <sup>(2)</sup><br><i>Charleston, United States <sup>(1)</sup> - WHO, Geneva, Switzerland <sup>(2)</sup></i>  |
| 14:00-14:15                  | <b>105 - Hearing Aid Service Delivery by Community Health Workers using mHealth Technologies in Low-Income Settings</b><br><u>De Wet Swanepoel</u> <sup>(1)</sup> - Caitlin Frisby <sup>(1)</sup> - Tersia de Kock <sup>(2)</sup> - David Moore <sup>(3)</sup> - Vinaya Manchaiah <sup>(4)</sup> - Bopane Mothemela <sup>(1)</sup><br><i>Pretoria, South Africa <sup>(1)</sup> - Cape Town, South Africa <sup>(2)</sup> - Cincinnati, United States <sup>(3)</sup> - Aurora, United States <sup>(4)</sup></i>             |
| 14:15-14:30                  | <b>149 - Building the Evidence on Partnering with Community Health Workers: Lessons from the HEARS RCT</b><br><u>Carrie Nieman</u> <sup>(1)</sup> - Joshua Betz <sup>(1)</sup> - Emmanuel Garcia Morales <sup>(1)</sup> - Jonathan Suen <sup>(1)</sup> - Jami Trumbo <sup>(1)</sup> - Nicole Marrone <sup>(2)</sup> - Hae-Ra Han <sup>(1)</sup> - Sarah Szanton <sup>(1)</sup> - Frank Lin <sup>(1)</sup><br><i>Baltimore, United States <sup>(1)</sup> - Tucson, United States <sup>(2)</sup></i>                        |
| 14:30-14:45                  | <b>146 - Maintaining the Rigor of Community Health Worker-Delivered Hearing Care through Training, Supervision, and Continuing Education</b><br><u>Jonathan Suen</u><br><i>Baltimore, United States</i>   |
| <b>14:45-16:15</b>           | <b>Special Session</b><br><b>Applications, strengths, and pitfalls of Ecological Momentary Assessment</b><br><i>Coordinator: EMA Methods in Audiology Working Group</i>   |
| 14:45-15:00                  | <b>202 - Opportunities &amp; Challenges for Ecological Momentary Assessment – learning from three years of monthly expert exchange in the “Ecological Momentary Assessment methods in audiology” group</b><br>Nadja Schinkel-Bielefeld<br><i>Erlangen, Germany</i>  |
| 15:00-15:15                  | <b>273 - Clinical cost-benefit of Ecological Momentary Assessment for fitting hearing aids</b><br><u>Niels Henrik Pontoppidan</u> <sup>(1)</sup> - Anna Josefine Munch Sørensen <sup>(1)</sup> - Kang Sun <sup>(2)</sup> - Tiberiu-loan Szatmari <sup>(3)</sup> - Claus Nielsen <sup>(1)</sup> - Aleksandra Koprowska <sup>(2)</sup> - Soffi Skovlund Jensen <sup>(1)</sup> - Lena Havtorn <sup>(1)</sup><br><i>Snekkersten, Denmark <sup>(1)</sup> - Smørum, Denmark <sup>(2)</sup> - Lyngby, Denmark <sup>(3)</sup></i> |

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| 15:15-15:30        | <p><b>101 - Strengths and pitfalls of collecting open text data through self-initiated Ecological Momentary Assessment, and using data from real-world hearing aid wearers for research purposes</b><br/> <u>Charlotte Vercammen</u> - Stefan Launer<br/> <i>Staeftel, Switzerland</i></p>  |
| 15:30-15:45        | <p><b>165 - Capturing the stigma experiences of adults with hearing loss using Ecological Momentary Assessment</b><br/> <u>Barbra Timmer</u> - Katie Ekberg - Nerina Scarinci - Monique Waite - Mansoureh Nickbakht - Carly Meyer - Louise Hickson<br/> <i>Brisbane, Australia</i></p>  |
| 15:45-16:00        | <p><b>62 - The impact of hearing impairment on autonomic nervous system activity in daily life and Ecological Momentary Assessed mood, listening effort and fatigue</b><br/> Nicole Huizinga - Laura Keur-Huizinga - Sjors Van de Ven - Niek Versfeld - Adriana Zekveld - <u>Sophia Kramer</u> - Eco de Geus<br/> <i>Amsterdam, Netherlands</i></p> |
| 16:15-16:45        | Break   |
| <b>16:45-18:00</b> | <p><b>GENETICS AND BIOLOGICAL ISSUES</b><br/> Moderator: Xue Zhong Liu</p>  |
| 16:45-17:00        | <p><b>76 - Progressive non-syndromic sensorineural hearing loss: natural history study and gene therapy</b><br/> Xue Zhong Liu<br/> <i>Miami, United States</i></p>   |
| 17:00-17:15        | <p><b>86 - Exome sequencing leads, to the identification of a novel gene, SLC22A24, for an autosomal-recessive non-syndromic hearing disorder</b><br/> Ralf Birkenhäger<br/> <i>Freiburg, Germany</i></p>   |
| 17:15-17:30        | <p><b>249 - Genetic and electrophysiological testing of children with auditory neuropathy spectrum disorder for predicting rehabilitation outcomes</b><br/> <u>Maria Lalayants</u> - Tatyana Markova - Olga Shatokhina - Alexander Polyakov - Vigen Bakhshinyan - George Tavartkiladze<br/> <i>Moscow, Russian Federation</i></p>                   |
| 17:30-17:45        | <p><b>156 - Evaluation of apoptosis genes polymorphism in patients with noise induced sensorineural hearing loss</b><br/> <u>Yuliia Dieieva</u> <sup>(1)</sup> - Margarita Amirkhanova <sup>(1)</sup> - Tetiana Golubok <sup>(2)</sup><br/> <i>Kyiv, Ukraine <sup>(1)</sup> - Warsaw, Poland <sup>(2)</sup></i></p>                                 |
| 17:45-18:00        | <p><b>245 - Opioids in cochlear afferent neurons</b><br/> <u>Enrique Soto</u> - Rosario Vega<br/> <i>Puebla, Mexico</i></p>   |

**Thursday, 6 June – ROOM BOHEME**

|                    |   |
|--------------------|---|
| <b>14:15-15:30</b> | <p><b>SPEECH PERCEPTION / DISCRIMINATION (1)</b><br/> Moderator: Andrea Warner-Czyz</p>   |
| 14:15-14:30        | <p><b>212 - Is there a relationship between speech discrimination and mean length of utterance?</b><br/> Kristin Uhler <sup>(1)</sup> - Sean Anderson <sup>(1)</sup> - <u>Andrea Warner-Czyz</u> <sup>(2)</sup><br/> <i>Denver, United States <sup>(1)</sup> - Richardson, United States <sup>(2)</sup></i></p> |

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| 14:30-14:45        | <p><b>74 - Phoneme discrimination in noise and reverberation using the DANOK test</b><br/> <u>Maaïke Van Eeckhoutte</u> <sup>(1)</sup> - Regitze Ardenkjær-Husted <sup>(2)</sup> - Chunlong Zhao <sup>(3)</sup> - Torsten Dau <sup>(3)</sup><br/> <i>Lyngby and Copenhagen, Denmark <sup>(1)</sup> - Copenhagen, Denmark <sup>(2)</sup> - Lyngby, Denmark <sup>(3)</sup></i></p>  |
| 14:45-15:00        | <p><b>82 - Neural responses to envelope modulation enhanced speech in children with and without dyslexia</b><br/> <u>Kanad Mandke</u> <sup>(1)</sup> - Sheila Flanagan <sup>(1)</sup> - Georgia Feltham <sup>(1)</sup> - Fiona Gabrielczyk <sup>(1)</sup> - Angela M. Wilson <sup>(1)</sup> - Joachim Gross <sup>(2)</sup> - Usha Goswami <sup>(1)</sup><br/> <i>Cambridge, United Kingdom <sup>(1)</sup> - Münster, Germany <sup>(2)</sup></i></p> |
| 15:00-15:15        | <p><b>112 - Using speech in noise testing to assess hearing asymmetries in children</b><br/> <u>Lulia Snan</u> - Rachel Lim - Jaina Negandhi - Sharon Cushing - Blake Papsin - Karen Gordon<br/> <i>Toronto, Canada</i></p>   |
| 15:15-15:30        | <p><b>92 - Hearing Aids and Speech Perception in Older Adults: The Role of Amplification</b><br/> <u>Limor Lavie</u> - Liat Shechter-Shvartzman - Karen Banai<br/> <i>Haifa, Israel</i></p>   |
| <b>15:30-16.15</b> | <p><b>IMPLANTABLE DEVICES – CANDIDACY AND ASSESSMENT</b><br/> Moderator: Caitlin Sapp</p>   |
| 15:30-15:45        | <p><b>240 - The sensitivity and specificity of aided audibility in pediatric cochlear implant candidacy</b><br/> <u>Caitlin Sapp</u> - Lisa Park - Molly Widney - Marisa Temple<br/> <i>Chapel Hill, United States</i></p>  |
| 15:45-16:00        | <p><b>111 - Attention to interaural level cues measured by cortical and behavioral responses in children with bilateral cochlear implants</b><br/> <u>Karen Gordon</u> - Lulia Snan - Jaina Negandhi - Rachel Lim - Blake Papsin - Sharon Cushing<br/> <i>Toronto, Canada</i></p>   |
| 16:00-16.15        | <p><b>246 - Stream segregation in cochlear implant listeners</b><br/> <u>Nicholas Haywood</u> <sup>(1)</sup> - Ben Williges <sup>(2)</sup> - Marina Salorio-Corbetto <sup>(1)</sup> - Deborah Vickers <sup>(1)</sup><br/> <i>Cambridge, United Kingdom <sup>(1)</sup> - Essen, Germany <sup>(2)</sup></i></p>   |
| 16:15-16:45        | Break   |
| <b>16:45-17:15</b> | <p><b>Keynote Lecture</b><br/> <b>264 - Objective measures at different stages of cochlear implantation</b><br/> George Tavartkiladze<br/> <i>Moscow, Russian Federation</i><br/> Moderator: Ferdinando Grandori</p>  |
| <b>17:15-18:30</b> | <p><b>IMPLANTABLE DEVICES – OUTCOMES</b><br/> Moderator: Wendy Huinck</p>   |
| 17:15-17:30        | <p><b>267 - Predicting one-year speech perception outcomes for adults with a CI, within a multi-disciplinary team</b><br/> Nikki Philpott - Ietske Siemann - Yvonne Smeele - Emmanuel Mylanus - Rogier Donders - Arno Janssen - <u>Wendy Huinck</u><br/> <i>Nijmegen, Netherlands</i></p>   |
| 17:30-17:45        | <p><b>115 - A Multicenter Clinical Trial to Address Cochlear Implantation of Children with Single-Sided Deafness</b><br/> <u>Jill Firszt</u> - Laura Holden - Noel Dwyer - Ruth Reeder - Tim Holden<br/> <i>St. Louis, United States</i></p>  |
| 17:45-18:00        | <p><b>63 - Longitudinal developmental outcomes of children with single-sided deafness with and without a cochlear implant</b><br/> <u>Tine Arras</u> <sup>(1)</sup> - Birgit Philips <sup>(2)</sup> - Christian Desloovere <sup>(1)</sup> - Jan Wouters <sup>(1)</sup> - Astrid van Wieringen <sup>(1)</sup><br/> <i>Leuven, Belgium <sup>(1)</sup> - Mechelen, Belgium <sup>(2)</sup></i></p>  |

|             |   |
|-------------|---|
| 18:00-18:15 | <b>69 - Etiology of Single Sided Deafness and Outcomes of Cochlear Implantation</b><br><u>Robert Conway</u> <sup>(1)</sup> - Sandy Porps <sup>(1)</sup> - Yasser Almansour <sup>(2)</sup> - Dennis Bojrab <sup>(1)</sup> - Robert Hong <sup>(1)</sup> - Seilesh Babu <sup>(1)</sup><br><i>Farmington Hills, United States <sup>(1)</sup> - East Lansing, United States <sup>(2)</sup></i> |
| 18:15-18:30 | <b>145 - Age at establishing full-time device use in children with cochlear implants as a predictor of their language outcomes</b><br>Jaime Leigh - Elizabeth Stroud-Dunn - <u>Sandra Lettieri</u> - Nicole Cheah<br><i>Melbourne, Australia</i>  |

**Thursday, 6 June – ROOM CARMEN**

|                    |   |
|--------------------|---|
| <b>14:15-15:00</b> | <b>HEARING CARE IN UNDERSERVED POPULATIONS</b><br>Moderator: Patricia Duchesneau  |
| 14:15-14:30        | <b>241 - Addressing Hearing Health Disparities in Remote Indigenous Communities of Canada: Challenges, Interventions, and Future Directions</b><br>Patricia Duchesneau<br><i>Montréal, Canada</i>   |
| 14:30-14:45        | <b>14 - Assessment of Hearing Health Among Adults in Rural Primary Care Clinics</b><br><u>Matthew Bush</u> - Mit Patel - David Adkins - Laura Bellnier - Anthony Mahairas<br><i>Lexington, Kentucky, United States</i>  |
| 14:45-15:00        | <b>84 - Raising Awareness about Hearing Loss and Early Detection in Regions with Low Screening Coverage</b><br><u>Johanna Reheis</u> - Aneesha Pretto<br><i>Innsbruck, Austria</i>  |
| <b>15:00-16:15</b> | <b>SCREENING AND EPIDEMIOLOGY (NEWBORNS AND CHILDREN) – (1)</b><br>Moderator: Karin de Graaff-Korf  |
| 15:00-15:15        | <b>77 - Policy change for extreme premature birth and the effects on neonatal hearing loss</b><br><u>Karin de Graaff-Korf</u> <sup>(1)</sup> - Paula van Dommelen <sup>(2)</sup> - Henrica L.M. van Straaten <sup>(1)</sup> - Paul H. Verkerk <sup>(2)</sup><br><i>Zwolle, Netherlands <sup>(1)</sup> - Leiden, Netherlands <sup>(2)</sup></i>  |
| 15:15-15:30        | <b>158 - Spoken expressive vocabulary in 2-year-old children with early detected hearing loss: a community study</b><br>Peter Carew <sup>(1)</sup> - Daisy Shepherd <sup>(1)</sup> - <u>Libby Smith</u> <sup>(1)</sup> - Tegan Howell <sup>(1)</sup> - Michelle Lin <sup>(1)</sup> - Edith L. Bavin <sup>(2)</sup> - Sheena Reilly <sup>(3)</sup> - Melissa Wake <sup>(1)</sup> - Valerie Sung <sup>(1)</sup><br><i>Parkville, Australia <sup>(1)</sup> - Bundoora, Australia <sup>(2)</sup> - Gold Coast, Australia <sup>(3)</sup></i> |
| 15:30-15:45        | <b>160 - Language and health-related quality of life outcomes for children with early-detected unilateral and mild bilateral hearing loss</b><br>Peter Carew - Daisy Shepherd - <u>Libby Smith</u> - Qi Rui Soh - Valerie Sung<br><i>Parkville, Australia</i>   |
| 15:45-16:00        | <b>163 - Emotional Behavioural Outcomes of Children and Families with Unilateral and Mild Hearing Loss</b><br>Jun Jean Ong <sup>(1)</sup> - Libby Smith <sup>(2)</sup> - Daisy Shepherd <sup>(2)</sup> - Jessica Xu <sup>(2)</sup> - Gehan Roberst <sup>(2)</sup> - <u>Valerie Sung</u> <sup>(2)</sup><br><i>Kuala Lumpur, Malaysia <sup>(1)</sup> - Parkville, Australia <sup>(2)</sup></i>  |
| 16:00-16:15        | <b>238 - ABR-based newborn hearing screening device with integrated and reusable electrodes</b><br><u>Mario Cebulla</u> - Ralph Keim - Wafaa Shehata-Dieler<br><i>Wuerzburg, Germany</i>  |

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| 16:15-16:45        | Break   |
| <b>16:45-18:15</b> | <b>SCREENING AND EPIDEMIOLOGY (NEWBORNS AND CHILDREN) – (2)</b><br>Moderator: Valerie Sung  |
| 16:45-17:00        | <b>48 - Australian National Child Hearing Health Outcomes Registry (ANCHOR): Innovative solutions for meaningful data collection, storage, and linkage</b><br><u>Valerie Sung</u> <sup>(1)</sup> - Kayla Elliott <sup>(1)</sup> - Libby Smith <sup>(1)</sup> - Rachael Beswick <sup>(2)</sup> - Lauren McHugh <sup>(2)</sup> - Melissa Wake <sup>(1)</sup> - Teresa Ching <sup>(3)</sup> - Greg Leigh <sup>(3)</sup> - Patricia Van Buynder <sup>(3)</sup> - Kelvin Kong <sup>(4)</sup> - Karolina Kluk <sup>(5)</sup> - Bonny Parkinson <sup>(3)</sup> - Daisy Shepherd <sup>(1)</sup> - Karen Liddle <sup>(2)</sup> - Claire Iseli <sup>(1)</sup> - Samantha Harkus <sup>(3)</sup> - Shani Dettman <sup>(1)</sup> - Catherine McMahon <sup>(3)</sup> - Ann Porter <sup>(3)</sup> - Brett Casey <sup>(6)</sup> - Helen Lees <sup>(1)</sup> - Kirsty Gardner-Berry <sup>(3)</sup> - Zeffie Poulakis <sup>(1)</sup><br><i>Melbourne, Australia <sup>(1)</sup> - South Brisbane, Australia <sup>(2)</sup> - Sydney, Australia <sup>(3)</sup> - Newcastle, Australia <sup>(4)</sup> - Manchester, United Kingdom <sup>(5)</sup> - Brisbane, Australia <sup>(6)</sup></i> |
| 17:00-17:15        | <b>205 - Benefit of using data from the NHS Newborn Hearing Screening Programme national IT system in England to inform screening outcomes and audiology quality improvement initiatives</b><br>Hannah Garnett <sup>(1)</sup> - Michael Wilding <sup>(2)</sup> - <u>Catherine Magee</u> <sup>(1)</sup> - Jane Hibbert <sup>(1)</sup><br><i>London, United Kingdom <sup>(1)</sup> - Southampton, United Kingdom <sup>(2)</sup></i>   |
| 17:15-17:30        | <b>207 - The impact and challenges of health inequalities related to deprivation or ethnicity on the delivery of newborn hearing screening programmes and the influence these factors may have on the incidence of permanent childhood hearing impairment</b><br><u>Michael Wilding</u> <sup>(1)</sup> - Hannah Garnett <sup>(2)</sup> - Jane Hibbert <sup>(2)</sup> - Catherine Magee <sup>(1)</sup><br><i>London, United Kingdom <sup>(1)</sup> - Southampton, United Kingdom <sup>(2)</sup></i>  |
| 17:30-17:45        | <b>237 - Hearing Screening for congenital CytoMegalovirus – exploring parents experiences of completing targeted congenital cytomegalovirus screening at the time of their infant’s newborn hearing screening</b><br>Emma Webb <sup>(1)</sup> - Jan Hodgson <sup>(1)</sup> - Alanna Gillespie <sup>(1)</sup> - Cheryl Jones <sup>(2)</sup> - Zeffie Poulakis <sup>(1)</sup> - Janis Wong <sup>(1)</sup> - <u>Valerie Sung</u> <sup>(1)</sup><br><i>Melbourne, Australia <sup>(1)</sup> - Sydney, Australia <sup>(2)</sup></i>   |
| 17:45-18:00        | <b>100 - Establishment of the Norwegian Hearing Register for Children</b><br><u>Tone Stokkerei Mattsson</u> - Siri Wennberg - Ann Helen Nilsen<br><i>Trondheim, Norway</i>  |
| 18:00-18:15        | <b>277 - Neonatal hearing screening in Uzbekistan: preliminary results of the pilot program</b><br>F.I. Inoyatova - N.Sh. Nadjimutdinova - A.A. Abdukayumov - M.U. Mahmudov - <u>V. Primako</u><br><i>Tashkent, Uzbekistan</i>  |

### Thursday, 6 June – ROOM DON GIOVANNI

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| <b>14.15-15.00</b> | <b>EDUCATIONAL DEVELOPMENT IN CHILDREN</b><br>Moderator: Sam Denys  |
| 14:15-14:30        | <b>188 - A multi-sample comparison and Rasch analysis of the Evaluation of Children’s Listening and Processing Skills questionnaire</b><br><u>Sam Denys</u> <sup>(1)</sup> - Johanna Barry <sup>(2)</sup> - David R. Moore <sup>(3)</sup> - Nicolas Verhaert <sup>(1)</sup> - Astrid van Wieringen <sup>(1)</sup><br><i>Leuven, Belgium <sup>(1)</sup> - Nottingham, United Kingdom <sup>(2)</sup> - Cincinnati, United States <sup>(3)</sup></i> |
| 14:30-14:45        | <b>26 - Classroom design and its effect on academic development in children with listening in noise and attention deficits</b><br><u>Gary Rance</u> - Dani Tomlin<br><i>Melbourne, Australia</i>  |

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| 14:45-15:00        | <p><b>137 - Development of binaural temporal fine structure sensitivity in children with developmental dyslexia and age matched typical readers</b><br/> <u>Sheila Flanagan</u> - Brian Moore - Anji Wilson - Fiona Gabrielczyk - Kanad Mandke - Usha Goswami<br/> <i>Cambridge, United Kingdom</i></p>  |
| <b>15:00-16:15</b> | <p><b>SPEECH PERCEPTION / DISCRIMINATION (2)</b><br/> Moderator: Liam Collins-Jones</p>  |
| 15:00-15:15        | <p><b>181 - Mapping audio-visual responses to speech in the awake infant brain using whole-head high-density diffuse optical tomography</b><br/> <u>Liam Collins-Jones</u><sup>(1)</sup> - Louisa Gossé<sup>(2)</sup> - Borja Blanco<sup>(1)</sup> - Chiara Bulgarelli<sup>(2)</sup> - Maheen Siddiqui<sup>(2)</sup> - Ernesto Vidal-Rosas<sup>(2)</sup> - Nida Duobaitė<sup>(2)</sup> - Reuben Nixon-Hill<sup>(2)</sup> - Greg Smith<sup>(2)</sup> - James Skipper<sup>(2)</sup> - Tim Sargent<sup>(2)</sup> - Samuel Powell<sup>(2)</sup> - Nicholas Everdell<sup>(2)</sup> - Emily Jones<sup>(2)</sup> - Robert Cooper<sup>(2)</sup><br/> <i>Cambridge, United Kingdom<sup>(1)</sup> - London, United Kingdom<sup>(2)</sup></i></p> |
| 15:15-15:30        | <p><b>196 - The role of periodicity in speech-on-speech understanding in normal-hearing and hearing-impaired listeners</b><br/> <u>Paolo Mesiano</u><sup>(1)</sup> - Hamish Innes-Brown<sup>(1)</sup> - Tobias May<sup>(2)</sup> - Johannes Zaar<sup>(1)</sup><br/> <i>Snekkersten, Denmark<sup>(1)</sup> - Kongens Lyngby, Denmark<sup>(2)</sup></i></p>  |
| 15:30-15:45        | <p><b>243 - Can the Digit in Noise Test Extend Beyond Hearing Screening to Clinically Measure Speech Intelligibility?</b><br/> <u>Lena L. N. Wong</u> - Shangqiguo Wang<br/> <i>Hong Kong, Hong Kong</i></p>   |
| 15:45-16:00        | <p><b>44 - Identification and Comprehension of Narrow Focus by Arabic-Speaking Adolescents with Moderate-to-Profound Hearing Loss</b><br/> <u>Khaloob Kawar</u><sup>(1)</sup> - Liat Kishon-Rabin<sup>(2)</sup> - Osnat Segal<sup>(2)</sup><br/> <i>Kfar Sava, Israel<sup>(1)</sup> - Tel Aviv, Israel<sup>(2)</sup></i></p>   |
| 16:00-16:15        | <p><b>45 - Speech perception by Arabic-speaking deaf and hard of hearing children</b><br/> <u>Khaloob Kawar</u><sup>(1)</sup> - Judith Rosenhouse<sup>(2)</sup><br/> <i>Kfar Sava, Israel<sup>(1)</sup> - Haifa, Israel<sup>(2)</sup></i></p>  |
| 16:15-16:45        | Break  |
| <b>16:45-17:45</b> | <p><b>AUDITORY TRAINING</b><br/> Moderator: Caliani Hoarau</p>   |
| 16:45-17:00        | <p><b>166 - Individualized, app-based phoneme training for adult CI users</b><br/> <u>Nikki Philpott</u><sup>(1)</sup> - Birgit Philips<sup>(2)</sup> - Enrico Migliorini<sup>(2)</sup> - Jan-Willem Wasmann<sup>(1)</sup> - Bas van Dijk<sup>(2)</sup> - Emmanuel Mylanus<sup>(1)</sup> - Wendy Huinck<sup>(1)</sup><br/> <i>Nijmegen, Netherlands<sup>(1)</sup> - Mechelen, Belgium<sup>(2)</sup></i></p>  |
| 17:00-17:15        | <p><b>113 - Improvement of pitch perception and hearing-in-noise abilities in CI users after audiovisual pitch training</b><br/> <u>Caliani Hoarau</u> - Agathe Pralus - Lesly Fornoni - Pierre-Emmanuel Aguera - Nathalie Bedoin - Annie Moulin - Ruben Hermann - Eric Truy - Barbara Tillmann - Anne Caclin<br/> <i>Lyon, France</i></p>   |
| 17:15-17:30        | <p><b>34 - Auditory training: The Stimulation of Polymodal Sensory Perception by Skarżyński (SPPS-S): presentation of the method</b><br/> <u>Piotr H. Skarżyński</u> - Natalia Czajka - Henryk Skarżyński<br/> <i>Warsaw / Kajetany, Poland</i></p>  |
| 17:30-17:45        | <p><b>40 - The Stimulation of Polymodal Sensory Perception by Skarżyński (SPPS-S): comparison of stationary and remote therapy results</b><br/> <u>Piotr H. Skarżyński</u> - Natalia Czajka - Henryk Skarżyński<br/> <i>Warsaw / Kajetany, Poland</i></p>  |

| <b>Friday, 7 June – ROOM AIDA</b> |  |
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| <b>08:45-09:45</b>                | <p><b>Special Session</b><br/> <b>Precision diagnostics and therapy across the lifespan - Hearing4All</b><br/> <i>Organized by Birger Kollmeier and Thomas Lenarz</i></p>  |
| 08:45-09:00                       | <p><b>272 - Congenital deafness changes functional connectivity in the auditory cortex</b><br/>                     Andrej Kral <sup>(1)</sup><br/> <i>Hannover, Germany &amp; Sydney, Australia</i></p>   |
| 09:00-09:15                       | <p><b>256 - The impact of age-related hearing loss on brain structure and function</b><br/>                     Christiane Thiel - Stephanie Rosemann<br/> <i>Oldenburg, Germany</i></p>   |
| 09:15-09:30                       | <p><b>257 - Precision diagnostics and therapy for audiology</b><br/>                     Birger Kollmeier <sup>(1)</sup> - Thomas Lenarz <sup>(2)</sup><br/> <i>Oldenburg, Germany <sup>(1)</sup> - Hannover, Germany <sup>(2)</sup></i></p>   |
| 09:30-09:45                       | <p><b>204 - The virtual hearing clinic: basic audiological support across the lifespan?</b><br/>                     Lena Schell-Maijor - Birger Kollmeier<br/> <i>Oldenburg, Germany</i></p>  |
| <b>09:45-10:15</b>                | <p><b>Keynote Lecture</b><br/> <b>255 - Universal Hearing Screening and intervention programs for people with intellectual disability in their live environment - Implementation in Germany</b><br/>                     Katrin Neumann<br/> <i>Münster, Germany</i><br/>                     Moderator: Ferdinando Grandori</p> |
| <b>10:15-10:45</b>                | <p><b>Keynote Lecture</b><br/> <b>271 - Extended High Frequency Hearing Loss Hiding Underneath a Normal Audiogram</b><br/>                     Srikanta Mishra<br/> <i>Austin (TX), United States</i><br/>                     Moderator: Alessia Paglialonga</p>  |
| 10:45-11:15                       | Break  |
| <b>11:15-13:00</b>                | <p><b>Special Session</b><br/> <b>147 - Empowering healthcare professionals in supporting older adults with comorbid hearing and cognitive impairment</b><br/> <i>Coordinators: Dona Jayakody &amp; Rob Eikelboom</i></p>  |
|                                   | <p><b>Knowledge, Attitudes, and Practices of Australian Healthcare Professionals on Comorbid Hearing Loss and Cognitive Impairment</b><br/>                     Dona Jayakody<br/> <i>Subiaco, Australia</i></p>   |
|                                   | <p><b>Analysis of the knowledge, attitudes, and practice of hearing-related healthcare professionals regarding cognitive impairment and dementia in China</b><br/>                     Rob Eikelboom<br/> <i>Perth, Australia</i></p>  |
|                                   | <p><b>Current gaps in Knowledge and practices of South African Audiology sector in treating older patients at risk of dementia</b><br/>                     Faheema Mahomed-Asmail<br/> <i>Pretoria, South Africa</i></p>  |
|                                   | <p><b>The prevalence of cognitive problems in a typical audiology adult patient population</b><br/>                     Sophia E. Kramer<br/> <i>Amsterdam, Netherlands</i></p>  |

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|                    | <p><b>Multidisciplinary approach to screening, referring, and discussing memory impairments in clients with suspected cognitive impairments</b><br/> Leon Flicker<br/> Perth, Australia</p>   |
| 13:00-14:00        | Lunch   |
| <b>14:00-14:30</b> | <p><b>Keynote Lecture</b><br/> <b>21 - The Importance of Global Partnerships for Multiple Disabilities!</b><br/> Karen Keyes &amp; Roxanna Spruyt<br/> DeafBlind Ontario Services, Newmarket, Canada<br/> Moderator: Katrin Neumann</p>   |
| <b>14:30-16:45</b> | <p><b>PATIENTS WITH COMPLEX CONDITIONS</b><br/> Moderator: Kelley Dodson</p>  |
| 14:30-14:45        | <p><b>11 - Auditory Brainstem Response Findings in Speech Delay and Autism</b><br/> Kelley Dodson <sup>(1)</sup> - Christian Blue <sup>(1)</sup> - Rajanya Petersson <sup>(1)</sup> - Stephanie Wong <sup>(2)</sup><br/> Richmond, United States <sup>(1)</sup> - New York, United States <sup>(2)</sup></p>  |
| 14:45-15:00        | <p><b>126 - Exploring the challenges facing deafblind children and young people, and the challenges of engaging them in research: Insights from focus group studies</b><br/> Claire Manford<br/> Cambridge, United Kingdom</p>  |
| 15:00-15:15        | <p><b>138 - Awareness of the impact of combined hearing and vision difficulties on accessing healthcare services amongst healthcare practitioners in the United Kingdom</b><br/> Saima Rajasingam <sup>(1)</sup> - Eldre Beukes <sup>(1)</sup> - Jane Macnaughton <sup>(1)</sup> - Peter Simcock <sup>(2)</sup> - Liz Duncan <sup>(3)</sup> - Teresa Quail <sup>(4)</sup><br/> Cambridge, United Kingdom <sup>(1)</sup> - Birmingham, United Kingdom <sup>(2)</sup> - Peterborough, United Kingdom <sup>(3)</sup> - London, United Kingdom <sup>(4)</sup></p> |
| 15:15-15:30        | <p><b>209 - Datalogging and speech recognition outcomes in pediatric cochlear implant users with comorbidities</b><br/> Sarah Crow <sup>(1)</sup> - Mihika Thapliyal <sup>(2)</sup> - Sophia Heussner <sup>(1)</sup> - Emily Kaplan <sup>(1)</sup> - Samantha Anne <sup>(2)</sup> - Andrea Warner-Czyz <sup>(1)</sup><br/> Dallas, United States <sup>(1)</sup> - Cleveland, United States <sup>(2)</sup></p>   |
| 15:30-15:45        | <p><b>275 - Correlation between otoneurological symptoms and continuous use of medication in patients in Public Health in Brazil</b><br/> Marcia Marcelle Vasconcelos Santos - Helena Renata Silva Cysneiros<br/> Recife, Brasil'</p>   |
| 15:45-16:00        | <p><b>230 - Investigating the Family and Child's Experience of Microtia and Hearing Loss</b><br/> Saira Hussain - Amanda Hall - Helen Pryce<br/> Birmingham, United Kingdom</p>   |
| 16:00-16:15        | <p><b>280 - Normal Values for Cervical and Ocular Vestibular-Evoked Myogenic Potentials: Comparison of air conducted (AC) and vibratory stimuli (bone conduction-BC)</b><br/> Navid Shahnaz - Elbar May<br/> Vancouver, BC Canada</p>   |
| 16:15-16:30        | <p><b>270 - Global Prevalence of Dual Sensory Impairment and the Associated Risk of Cognitive Decline</b><br/> Esther Yanxin Gao - Brian Sheng Yep Yeo - Benjamin Kye Jyn Tan - Chee Yit Lim - Benedict Ding Chao Ong - Ryan Wei Yang Cho - Vanessa Yee Jueen Tan<br/> Singapore, Singapore</p>   |
| 16.30-16.45        | <p><b>251 - Candidacy for self-test procedures and the use of smart devices in audiology</b><br/> Mark Laurevns <sup>(1)</sup> - Laura Delmarcel <sup>(2)</sup> - Limme Mateusen <sup>(2)</sup> - Wieske Pullens <sup>(2)</sup> - Tine Bijmens <sup>(2)</sup><br/> Milano, Italy &amp; Antwerp, Belgium <sup>(1)</sup> - Antwerp, Belgium <sup>(2)</sup></p>  |
| <b>17:30-19:00</b> | <b>Poster Session &amp; refreshments</b>  |

**Friday, 7 June – ROOM BOHEME**

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| <b>08:45-10:45</b> | <b>AUDITORY PROCESSING DISORDERS</b><br>Moderator: Sophia Kramer  |
| 08:45-09:00        | <b>150 - Affordable, accessible, community-delivered hearing care among individuals with cognitive impairment: A subgroup analysis from the HEARS RCT</b><br><u>Carrie Nieman</u> <sup>(1)</sup> - Joshua Betz <sup>(1)</sup> - Emmanuel Garcia Morales <sup>(1)</sup> - Jonathan Suen <sup>(1)</sup> - Jami Trumbo <sup>(2)</sup> - Nicole Marrone <sup>(2)</sup> - Hae-Ra Han <sup>(1)</sup> - Sarah Szanton <sup>(1)</sup> - Frank Lin <sup>(1)</sup> - Esther Oh <sup>(1)</sup><br><i>Baltimore, United States</i> <sup>(1)</sup> - <i>Tucson, United States</i> <sup>(2)</sup> |
| 09:00-09:15        | <b>152 - Addressing the Unmet Hearing Care Needs of Persons Living with Cognitive Impairment: A Qualitative Study of End-Users, Care Partners, and Experts</b><br><u>Carrie Nieman</u> - Marcela Blinka - Peter Hope - Paul Lee - Bella Tu <sup>(2)</sup> - Natalie Wang - Sevil Yasar - Esther Oh<br><i>Baltimore, United States</i>   |
| 09:15-09:30        | <b>200 - Screening for Auditory Processing Disorder in French: Initiating the development of a tool for school-aged children</b><br><u>Fauve Duquette-Laplante</u> - Jérémie Duval - Marie-Pier Pelletier - Patricia Darche - Adrian Fuente - Benoît Jutras<br><i>Montréal, Canada</i>  |
| 09:30-09:45        | <b>154 - Central auditory processing disorders in children with congenital cytomegalovirus infection</b><br><u>Sofya Vikhnina</u> - Ekaterina Garbaruk - Maria Boboshko<br><i>Saint-Petersburg, Russian Federation</i>  |
| 09:45-10:00        | <b>213 - Listening difficulties in children referred with concerns about language development using the Evaluation of Children's Listening and Processing Skills questionnaire</b><br><u>Loes Desmedt</u> - Sam Denys - Ann Goeleven - Astrid van Wieringen - Nicolas Verhaert<br><i>Leuven, Belgium</i>  |
| 10:00-10:15        | <b>32 - Normative values of tests assessing auditory processing disorder (APD) for children aged 6 to 12</b><br><u>Piotr H. Skarżyński</u> - Natalia Czajka - Rita Zdanowicz - Aleksandra Kolodziejak - Ewelina Bukato - Małgorzata Talarek - Zuzanna Pankowska - Henryk Skarżyński<br><i>Warsaw / Kajetany, Poland</i>   |
| 10:15-10:30        | <b>37 - Symptoms of auditory processing disorders (APD) in children with tinnitus</b><br><u>Piotr H. Skarżyński</u> - Danuta Raj-Koziak - Elżbieta Gos - Maria Bendykowska - Natalia Brzozowska - Alicja Cyrzan - Natalia Czajka - Henryk Skarżyński<br><i>Warsaw / Kajetany, Poland</i>  |
| 10:45-11:15        | Break   |
| 11:15-13:00        | <b>EARLY IDENTIFICATION – TECHNIQUES AND METHODS (1)</b><br>Moderator: Hammam AlMakadma   |
| 11:15-11:30        | <b>219 - Evolution of Newborn Hearing Screening Practices Through Incorporation of Wideband Absorbance: Methods for implementation</b><br><u>Hammam AlMakadma</u> - Caitlin Greer<br><i>Louisville, United States</i>   |
| 11:30-11:45        | <b>43 - Outcomes of a pilot hearing surveillance program for young children (1-7 years old) with speech delay: A retrospective study</b><br><u>Jenny Loo</u> - Manjia Fu - Maureen Ding - Tze Ling Kek - Magdalene Lim<br><i>Singapore, Singapore</i>   |

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| 11:45-12:00        | <p><b>68 - High frequency bone conduction thresholds up to 16 kHz in individuals with high-frequency hearing loss</b><br/> <u>Lieke Luiken</u> - Hiske Helleman - Koen Rhebergen<br/> <i>Utrecht, Netherlands</i></p>  |
| 12:00-12:15        | <p><b>94 - Early communication profiles and predicting risk of Autism Spectrum Disorder in deaf or hard of hearing children</b><br/> <u>Libby Smith</u> <sup>(1)</sup> - Katherine Wilkins <sup>(2)</sup> - Jessica Xu <sup>(1)</sup> - Daisy Shepherd <sup>(1)</sup> - Valerie Sung <sup>(1)</sup><br/> <i>Parkville, Australia <sup>(1)</sup> - Geelong, Australia <sup>(2)</sup></i></p>  |
| 12:15-12:30        | <p><b>231 - Effects of age and screening device on percentage of false positive results at first hearing screening by Child Health Service</b><br/> Kitty Van der Ploeg <sup>(1)</sup> - <u>Noëlle Uilenburg</u> <sup>(2)</sup> - Olmo Van der Mast <sup>(1)</sup> - Lion Van den Bosch <sup>(3)</sup> - Paul Verkerk <sup>(1)</sup><br/> <i>Leiden, Netherlands <sup>(1)</sup> - Amsterdam, Netherlands <sup>(2)</sup> - Bilthoven, Netherlands <sup>(3)</sup></i></p>  |
| 12:30-12:45        | <p><b>248 - Agreement between electrophysiological measures of hearing in young children</b><br/> Snezana Andric Filipovic<br/> <i>Msida, Malta</i></p>  |
| 12:45-13:00        | <p><b>117 - Auditory assessment for train drivers: evaluating the reliability and relevance of a profession-specific warning signal detection test</b><br/> <u>Kelly Haaijer</u> - Femke Theelen - Cas Smits<br/> <i>Amsterdam, Netherlands</i></p>  |
| 13:00-14:00        | Lunch  |
| <b>14:00-15:30</b> | <p><b>Special Session</b><br/> <b>Listening effort and affective responses: Exploring the multidimensional aspects of hearing</b><br/> <i>Session Coordinators: Alessia Paglialonga and Edoardo Maria Polo</i></p>   |
| 14:00-14:15        | <p><b>261 - Investigating the Impact of Auditory Stimulation on Emotion Processing: Insights from Physiological and Machine Learning Perspectives</b><br/> <u>Edoardo Maria Polo</u> - Andrea Farabbi - Maximiliano Mollura - Alessia Paglialonga - Riccardo Barbieri<br/> <i>Milano, Italy</i></p>  |
| 14:15-14:30        | <p><b>239 - Assessment of listening effort in clinical settings using manual response time and self-ratings</b><br/> Chiara Visentin <sup>(1)</sup> - Chiara Bonora <sup>(2)</sup> - Nicola Brunelli <sup>(3)</sup> - Andrea Migliorelli <sup>(3)</sup> - Laura Negossi <sup>(3)</sup> - Pietro Scimemi <sup>(2)</sup> - Rosamaria Santarelli <sup>(2)</sup> - Andrea Ciorba <sup>(3)</sup> - Nicola Prodi <sup>(1)</sup><br/> <i>Ferrara, Italy <sup>(1)</sup> - Padova, Italy <sup>(2)</sup> - Ferrara, Italy <sup>(3)</sup></i></p> |
| 14:30-14:45        | <p><b>262 - Effect of task demand on physiological responses during an adaptive speech-in-noise test</b><br/> <u>Davide Simeone</u> - Edoardo Polo - Andrea Farabbi - Maximiliano Mollura - Riccardo Barbieri - Alessia Paglialonga<br/> <i>Milan, Italy</i></p>   |
| 14:45-15:00        | <p><b>263 - Electromyographic Signals from Auricular Muscles Show Distinct Patterns During Effortful Listening and Different Modes of Auditory Attention</b><br/> <u>Andreas Schroeer</u> <sup>(1)</sup> - Farah I. Corona-Strauss <sup>(1)</sup> - Ronny Hannemann <sup>(2)</sup> - Steven A. Hackley <sup>(3)</sup> - Daniel J. Strauss <sup>(1)</sup><br/> <i>Homburg, Germany <sup>(1)</sup> - Erlangen, Germany <sup>(2)</sup> - Columbia, Missouri, United States <sup>(3)</sup></i></p>   |
| 15:00-15:15        | <p><b>242 - Psychometric relation between pupillary response and speech performance in CI users: impact of SNR, peripheral auditory sensitivity, and central cognitive profile</b><br/> <u>Yue Zhang</u> <sup>(1)</sup> - Amparo Callejón-Leblic <sup>(2)</sup> - Ana Picazo-Reina <sup>(2)</sup> - Sergio Blanco-Trejo <sup>(2)</sup> - Serafín Sánchez-Gómez <sup>(2)</sup><br/> <i>Vallauris, France <sup>(1)</sup> - Seville, Spain <sup>(2)</sup></i></p>   |
| 15:15-15:30        | <p><b>155 - Audiovisual prosody perception in cochlear implant recipients</b><br/> <u>Hartmut Meister</u> - Isa Samira Winter - Moritz Wächtler - Khaled Abdelatif<br/> <i>Cologne, Germany</i></p>  |

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| <b>15:30-16:15</b> | <b>LISTENING EFFORT</b><br>Moderator: Yue ZHANG   |
| 15:30-15:45        | <b>54 - Dual-task interference in a listening effort dual-task paradigm: results of normal-hearing adults, cochlear implant users and hearing aid users</b><br><u>Dorien Ceuleers</u> - Sofie Degeest - Freya Swinnen - Nele Baudonck - Katrien Kestens - Ingeborg Dhooge - Hannah Keppler<br><i>Ghent, Belgium</i>   |
| 15:45-16:00        | <b>3 - The Impact of Perceived Stress and Anxiety on Hearing Sensitivity: An In-Depth Examination</b><br>Aaron Roman<br><i>Elkins Park, United States</i>   |
| 16:00-16:15        | <b>198 - Using Ecological Data to Investigate Real-life Outcomes of Cochlear Implants in Ecological Situations</b><br><u>Yue Zhang</u> <sup>(1)</sup> - Amparo Callejón-Leblic <sup>(2)</sup> - Ana Picazo-Reina <sup>(2)</sup> - Lelia Erscoi <sup>(3)</sup> - Manuel Segovia-Martinez <sup>(1)</sup> - Serafin Sánchez <sup>(2)</sup><br><i>Vallauris, France <sup>(1)</sup> - Seville, Spain <sup>(2)</sup> - Paris, France <sup>(3)</sup></i> |
| <b>16:15-17:00</b> | <b>EARLY IDENTIFICATION – TECHNIQUES AND METHODS (2)</b><br>Moderator: Inga Ferm  |
| 16:15-16:30        | <b>27 - New imaging techniques to identify site-of-lesion and degree of neural abnormality in patients with auditory neuropathy</b><br><u>Gary Rance</u> - Julien Zanin<br><i>Melbourne, Australia</i>  |
| 16:30-16:45        | <b>274 - Innovation in diagnostics - validation results</b><br><u>Peter Zoth</u> <sup>(1)</sup> - Matteo Manente <sup>(2)</sup><br><i>Gilching, Deutschland <sup>(1)</sup> – Gardigiano di Scorzé, Venice, Italy <sup>(2)</sup></i>   |
| 16:45-17:00        | <b>104 - Auditory Brainstem Response test strategies: maximising efficiency and accuracy</b><br>Inga Ferm<br><i>Croydon, United Kingdom</i>   |
| <b>17:30-19:00</b> | <b>Poster Session &amp; refreshments</b>  |

## Friday, 7 June – ROOM CARMEN

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| <b>08:30-10:45</b> | <b>HEARING LOSS, COMMUNICATION AND QUALITY OF LIFE</b><br>Moderator: Cas Smits  |
| 08:30-08:45        | <b>268 - Associations of Hearing Loss and Dual Sensory Loss with Mortality: A Systematic Review, Meta-analysis, and Meta-regression of 26 Observational Studies With 1,213,756 Participants</b><br><u>Nicole Kye Wen Tan</u> - Benjamin Kye Jyn Tan - Faye Yu Ci Ng - Harris Jun Jie Muhammad Danial Song - Li Shia Ng - Woei Shyang Loh<br><i>Singapore, Singapore</i> |
| 08:45-09:00        | <b>22 - Do adult cochlear implant users use the intended program when fitted with multiple programs?</b><br><u>Cas Smits</u> - Feike de Graaff - Elke Huysmans - Paul Merkus - Theo Goverts - Sophia Kramer<br><i>Amsterdam, Netherlands</i>  |

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| 09:00-09:15        | <p><b>182 - Exploring the Impact of Speech Perception Outcomes on CI Users and Their Communication Partners</b><br/> <u>Nikki Philpott</u> <sup>(1)</sup> - Hugo Nijmeijer <sup>(1)</sup> - Birgit Philips <sup>(2)</sup> - Emmanuel Mylanus <sup>(1)</sup> - Wendy Huinck <sup>(1)</sup><br/> <i>Nijmegen, Netherlands <sup>(1)</sup> - Mechelen, Belgium <sup>(2)</sup></i></p>  |
| 09:15-09:30        | <p><b>253 - Quality of life following cochlear implants in elderly recipients – a prospective cohort study</b><br/> <u>Melville da Cruz</u> <sup>(1)</sup> - Haisam Shah <sup>(1)</sup> - Yuning Xue <sup>(1)</sup> - Hamna Rehman <sup>(1)</sup> - Glen Watson <sup>(2)</sup> - Kerry Hitos <sup>(1)</sup><br/> <i>Sydney, Australia <sup>(1)</sup> - Sheffield, United Kingdom <sup>(2)</sup></i></p>  |
| 09:30-09:45        | <p><b>125 - Factors affecting the rehabilitation outcomes in preschool children with hearing loss</b><br/> <u>Gaziz Tufatulin</u> - Sergey Artyushkin<br/> <i>St Petersburg, Russian Federation</i></p>  |
| 09:45-10:00        | <p><b>148 - Impact of Hearing Rehabilitation on Mental Well-being</b><br/> Paul McIlhiney - Catherine Sucher - Robert Eikelboom - <u>Dona Jayakody</u><br/> <i>Subiaco, Australia</i></p>  |
| 10:00-10:15        | <p><b>218 - Enhancing Quality of Life: Bilateral Hearing Solutions</b><br/> Darja Pajk<br/> <i>Houten, Netherlands</i></p>   |
| 10:15-10:30        | <p><b>130 - Hearing and self-reported Hearing-Related Quality of Life in Danish Adult CI users: A 2-year clinical follow-up study</b><br/> <u>Line Husted Baungaard</u> <sup>(1)</sup> - Matilde Grønberg Sandvej <sup>(1)</sup> - Mathilde Marie Overmark <sup>(1)</sup> - Marianne Kyhne Hestbæk - Louise Brasen Brændgaard - Mie Stenner Hansen - Per Cayé-Thomasen - Lone Percy-Smith<br/> <i>Copenhagen, Denmark</i></p>                                      |
| 10:30-10:45        | <p><b>6 - Assessing the Efficacy of Preoperative Procedural Patient Education as an Intervention to Mitigate Stress and Anxiety Among Otorhinolaryngology Surgery Patients: A Randomized Controlled</b><br/> Chia-Jung Busch <sup>(1)</sup> - Tina Brzoska <sup>(1)</sup> - Marcus Vollmer <sup>(1)</sup> - Britta Buchhold <sup>(2)</sup> - <u>Ranny Assaf</u> <sup>(1)</sup><br/> <i>Greifswald, Germany <sup>(1)</sup> - Greifs, Germany <sup>(2)</sup></i></p> |
| 10:45-11:15        | Break  |
| <b>11:15-13:00</b> | <p><b>IMPLANTABLE DEVICES: STRATEGIES AND FRAMEWORKS</b><br/> Moderator: Deborah Vickers</p>   |
| 11:15-11:30        | <p><b>279 - Understanding the influences of patient characteristics and healthcare practices on language outcomes for children with cochlear implants</b><br/> Julie Hare <sup>(1)</sup> - Tracey Sear <sup>(1)</sup> - <u>Deborah Vickers</u> <sup>(2)</sup><br/> <i>London, UK <sup>(1)</sup> - Cambridge, UK <sup>(2)</sup></i></p>   |
| 11:30-11:45        | <p><b>269 - Association of Hearing Aids and Cochlear Implants with Cognitive Decline and Dementia: A Systematic Review and Meta-analysis</b><br/> <u>Benjamin Kye Jyn Tan</u> - Brian Sheng Yep Yeo - Harris Jun Jie Muhammad Danial Song - Emma Min Shuen Toh - Li Shia Ng - Cyrus Su Hui Ho - Roger Ho - Reshma Aziz Merchant - Woei Shyang Loh<br/> <i>Singapore, Singapore</i></p>   |
| 11:45-12:00        | <p><b>132 - Examining hearing aid use prior to cochlear implantation in children</b><br/> <u>Kathryn Wiseman</u> <sup>(1)</sup> - Caitlin Sapp <sup>(2)</sup> - Erika Gagnon <sup>(2)</sup> - Lisa Park <sup>(2)</sup><br/> <i>Omaha, United States <sup>(1)</sup> - Chapel Hill, United States <sup>(2)</sup></i></p>   |
| 12:00-12:15        | <p><b>265 - Intracochlear Electrocochleography in Children with Auditory Neuropathy Spectrum Disorder wearing Cochlear Implants</b><br/> <u>Georgie Tavartkiladze</u> - Mariia Lalayants - Vigen Bakhsginyan<br/> <i>Moscow, Russian Federation</i></p>  |

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| 12:15-12:30        | <b>78 - Identification of potential candidates for CI in large database of hearing aids users</b><br><u>Bernard Fraysse</u> <sup>(1)</sup><br><i>Clinique Rive Gauche, Toulouse, France</i> <sup>(1)</sup>   |
| 12:30-12:45        | <b>53 - The evolution of auditory, visual, and cognitive abilities in adults with a severe-to-profound hearing loss after cochlear implantation</b><br><u>Dorien Ceuleers</u> - Hannah Keppler - Nele Baudonck - Freya Swinnen - Katrien Kestens - Ingeborg Dhooge<br><i>Ghent, Belgium</i>  |
| 12:45-13:00        | <b>144 - Cochlear implantation and uptake in Australia over 20 years: are we reaching a limit?</b><br><u>Robert Eikelboom</u> - Catherine Sucher - Sandra Bellekom - Marcus Atlas<br><i>Subiaco, Australia</i>   |
| 13:00-14:00        | Lunch  |
| <b>14:00-15:15</b> | <b>INTERVENTION AND REHABILITATION: STRATEGIES AND FRAMEWORKS</b><br>Moderator: Graham Naylor  |
| 14:00-14:15        | <b>73 - New hyperacusis therapy combines psychoeducation, sound exposure and counseling</b><br>Sandrien Thieren <sup>(1)</sup> - <u>Paula van Dommelen</u> <sup>(2)</sup> - Michel R. Benard <sup>(1)</sup><br><i>Apeldoorn, Netherlands</i> <sup>(1)</sup> - <i>Leiden, Netherlands</i> <sup>(2)</sup>  |
| 14:15-14:30        | <b>159 - Outcome of questionnaires on music perception by hearing-impaired subjects</b><br>Jan A.P.M. de Laat <sup>(1)</sup> - Nouri Khalass <sup>(2)</sup> - Berend Glazenburg <sup>(2)</sup> - Evert Rijntjes <sup>(2)</sup> - Marc Stotijn <sup>(2)</sup> - <u>Huinck Wendy J.</u> <sup>(3)</sup><br><i>Leiden, Netherlands</i> <sup>(1)</sup> - <i>Amsterdam, Netherlands</i> <sup>(2)</sup> - <i>Nijmegen, The Netherlands</i> <sup>(3)</sup>   |
| 14:30-14:45        | <b>108 - A new array of age confounds for research into hearing problems in older adults</b><br>Graham Naylor<br><i>Glasgow, United Kingdom</i>  |
| 14:45-15:00        | <b>65 - 'The burden is very much on yourself': A qualitative study to understand the illness and treatment burden of hearing loss across the life course</b><br>Sian Smith - Helen Pryce <sup>(1)</sup> - <u>Georgina Burns-O'Connell</u> - Saira Hussain - Rachel Shaw - Jean Straus<br><i>Birmingham, United Kingdom</i>   |
| 15:00-15:15        | <b>215 - Unravelling Communication: Insights from Adults with Hearing Loss - a concept elicitation study</b><br><u>Katie Neal</u> <sup>(1)</sup> - Isabelle Boisvert <sup>(2)</sup> - Jen Whiteway <sup>(1)</sup> - Janette Oliver <sup>(1)</sup> - Sarah Hughes <sup>(3)</sup><br><i>Macquarie Parks, NSW, Australia</i> <sup>(1)</sup> - <i>Sydney, NSW, Australia</i> <sup>(2)</sup> - <i>Birmingham, United Kingdom</i> <sup>(3)</sup>   |
| <b>15:30-17:00</b> | <b>EPIDEMIOLOGY (ADULTS)</b><br>Moderator: Robert Eikelboom  |
| 15:30-15:45        | <b>164 - Prevalence and incidence of hearing loss: results of a large population study of middle-aged adults</b><br><u>Robert Eikelboom</u> <sup>(1)</sup> - Adriana Smit <sup>(2)</sup> - Inge Stegeman <sup>(2)</sup> - De Wet Swanepoel <sup>(3)</sup> - Yinan Mao <sup>(2)</sup> - Michael Hunter <sup>(4)</sup><br><i>Subiaco, Australia</i> <sup>(1)</sup> - <i>Utrecht, Netherlands</i> <sup>(2)</sup> - <i>Pretoria, South Africa</i> <sup>(3)</sup> - <i>Busselton, Australia</i> <sup>(4)</sup>  |
| 15:45-16:00        | <b>216 - The Relation Between Hearing Loss and Psychosocial Health in Adults, a Longitudinal Study</b><br>Rick Lammers - <u>Thadé Goderie</u> - Birgit Lissenberg-Witte - Sophia Kramer - Marieke Van Wier<br><i>Amsterdam, Netherlands</i>  |
| 16:00-16:15        | <b>59 - Ten-Year Association between Change in Speech-in-Noise Recognition and Falls due to Balance Problems: A Longitudinal Cohort Study</b><br><u>Lotte A. Jansen</u> <sup>(1)</sup> - Marieke F. van Wier <sup>(1)</sup> - Freek Vernimmen <sup>(1)</sup> - Thadé Goderie <sup>(1)</sup> - Raymond van de Berg <sup>(2)</sup> - Ulrike Lemke <sup>(3)</sup> - Birgit Lissenberg-Witte <sup>(1)</sup> - Sophia E. Kramer <sup>(1)</sup><br><i>Amsterdam, Netherlands</i> <sup>(1)</sup> - <i>Maastricht, Netherlands</i> <sup>(2)</sup> - <i>Straefa, Switzerland</i> <sup>(3)</sup> |

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| 16:15-16:30        | <b>174 - Communication in the digital workplace – effect on participation for individuals with hearing impairment and deafness</b><br><u>Elisabeth Ingo</u> <sup>(1)</sup> - Josefine Andin <sup>(1)</sup> - Rachel Ellis <sup>(1)</sup> - Peter Nordqvist <sup>(2)</sup><br><i>Linköping, Sweden <sup>(1)</sup> - Stockholm, Sweden <sup>(2)</sup></i>   |
| 16:30-16:45        | <b>227 - Hearing Loss and Mortality: Meta Analysis</b><br><u>Chuan-Ming Li</u> <sup>(1)</sup> - Howard J. Hoffman <sup>(1)</sup> - Bo Engdahl <sup>(2)</sup> - Bamini Gopinath <sup>(3)</sup> – Catherine M. McMahon <sup>(3)</sup> - Christa L. Themann <sup>(4)</sup> - Vilmundur Gudnason <sup>(5)</sup> - Adrian C. Davis <sup>(6)</sup><br><i>Bethesda, United States <sup>(1)</sup> - Oslo, Norway <sup>(2)</sup> - Sydney, Australia <sup>(3)</sup> - Cincinnati, United States <sup>(4)</sup> - Kópavogur, Iceland <sup>(5)</sup> - London, United Kingdom <sup>(6)</sup></i> |
| 16:45-17:00        | <b>15 - Analyzing the Relationship between Hearing Loss and Physical Activity: A Scoping Review</b><br><u>Matthew Bush</u> - Caroline Heltsley - Jate Bernard - David Adkins - Anthony Mahairas<br><i>Lexington, Kentucky, United States</i>  |
| <b>17:30-19:00</b> | <b>Poster Session &amp; refreshments</b>  |

## Friday, 7 June – ROOM DON GIOVANNI

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| <b>08:30-09:45</b> | <b>OUTCOME OF EDHI PROGRAMS (1)</b><br>Moderator: Gary Norman   |
| 08:30-08:45        | <b>106 - Universal Newborn Hearing Screening Ireland – ensuring early intervention, in relation to hearing, is an option to all Newborn babies in Ireland</b><br><u>Charlotte Karlsson</u> <sup>(1)</sup> - Charlene Hynes <sup>(1)</sup> - Mark Fenton <sup>(1)</sup> - Gary Norman <sup>(2)</sup><br><i>Cork, Ireland <sup>(1)</sup> - Dublin, Ireland <sup>(2)</sup></i> |
| 08:45-09:00        | <b>161 - Outcomes of the National Quality Assurance Process for Neonatal Diagnostic Hearing Assessments in Ireland</b><br><u>Gary Norman</u> <sup>(1)</sup> - Mark Fenton <sup>(2)</sup><br><i>Dublin, Ireland <sup>(1)</sup> - Hemel Hempstead, United Kingdom <sup>(2)</sup></i>  |
| 09:00-09:15        | <b>162 - Early Identification of Hearing Loss</b><br>Gary Norman<br><i>HSE, Audiology, Dublin, Ireland</i>  |
| 09:15-09:30        | <b>187 - Changes in the Universal Newborn Hearing Screening Program in Poland over 20 years</b><br><u>Monika Zych</u> - Grażyna Greczka - Piotr Dąbrowski - Jarosław Szydlowski<br><i>Poznań, Poland</i>  |
| 09:30-09:45        | <b>189 - 20 years of the Universal Newborn Hearing Screening Program in Poland</b><br><u>Grażyna Greczka</u> - Monika Zych - Piotr Dąbrowski - Jarosław Szydlowski<br><i>Poznań, Poland</i>   |
| <b>09:45-10:45</b> | <b>SCREENING AND EPIDEMIOLOGY (NEWBORNS / CHILDREN) (3)</b><br>Moderator: Chris Brennan-Jones   |
| 09:45-10:00        | <b>103 - The prevalence of otitis media in early childhood and its long-term impact on child development: Findings from the Western Australian Pregnancy Cohort (Raine) Study</b><br><u>Chris Brennan-Jones</u> - Ali Altamini - Eman Alenezi - Robert Eikelboom<br><i>Perth, Australia</i>   |

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| 10:00-10:15        | <b>36 - Summary of the implementation of the 12 years of hearing screening programs among first and sixth graders attending the primary schools</b><br><u>Piotr H. Skarżyński</u> - Henryk Skarżyński - Krzysztof Kochanek - Natalia Czajka<br><i>Warsaw / Kajetany, Poland</i>   |
| 10:15-10:30        | <b>95 - Ear and hearing outcomes in Aboriginal infants living in an Australian urban area: findings from the Djaalinj Waakinj birth cohort study</b><br><u>Tamara Veselinovic</u> - Valerie Swift<br><i>Perth, Western Australia</i>  |
| 10:30-10:45        | <b>96 - Is COVID-19 infection during pregnancy a risk for congenital hearing loss? A retrospective audit of data from a universal newborn hearing screening program</b><br>Jane Sheehan - Alison Jagger - Patrick Gornall - <u>Melinda Barker</u> - Kate Francis – S. Ghazaleh Dashti - Valerie Sung - Zeffie Poulakis<br><i>Parkville, Australia</i>   |
| 10:45-11:15        | Break   |
| <b>11:15-13:00</b> | <b>IMPROVING HEARING CARE AND SERVICES</b><br>Moderator: Patti Martin   |
| 11:15-11:30        | <b>225 - A Different Lens: Social Determinants of Health and Childhood Hearing Loss</b><br><u>Patti Martin</u> - Madison Howe<br><i>Little Rock, United States</i>  |
| 11:30-11:45        | <b>229 - Rethinking Hearing Health Without Age Bias</b><br>Razan Alfakir<br><i>Auburn, United States</i>  |
| 11:45-12:00        | <b>226 - Enhancing Treatment Adherence and Compliance through Self-Care Caregiver Counseling</b><br><u>Katandria Demps</u> - Keith Demps<br><i>Cedar Hill, TX, United States of America</i>   |
| 12:00-12:15        | <b>7 - Fostering Caregiver Well-Being</b><br>Joanne Travers<br><i>Ipswich, United States</i>  |
| 12:15-12:30        | <b>102 - Development of Quality Standards for Auditory Implant Services in Wales in the context of the All Wales Audiology Quality Strategy and Framework</b><br>Linor Jones<br><i>Rhyl, United Kingdom</i>   |
| 12:30-12:45        | <b>24 - Shared decision making: audiology student perspectives</b><br><u>Saira Hussain</u> - Claire Wilkes - Nisha Dhanda<br><i>Birmingham, United Kingdom</i>  |
| 12:45-13:00        | <b>129 - Changes in participatory and societal outcomes during the waiting period for cochlear implantation – an observational study</b><br>Hugo Nijmeijer <sup>(1)</sup> - Nikki Philpott <sup>(1)</sup> - Gert Jan van der Wilt <sup>(1)</sup> - Rogier Donders <sup>(1)</sup> - Erwin George <sup>(2)</sup> - Ralf Boerboom <sup>(3)</sup> - Johan Frijns <sup>(4)</sup> - Marre Kaandorp <sup>(5)</sup> - Wendy Huinck <sup>(1)</sup> - <u>Emmanuel Mylanus</u> <sup>(1)</sup><br><i>Nijmegen, Netherlands <sup>(1)</sup> - Maastricht, Netherlands <sup>(2)</sup> - Utrecht, Netherlands <sup>(3)</sup> - Leiden, Netherlands <sup>(4)</sup> - Amsterdam, Netherlands <sup>(5)</sup></i> |
| 13:00-14:00        | Lunch   |

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| <b>14:00-16:30</b> | <p><b>PATIENTS AND FAMILIES</b><br/>Moderator: Valerie Sung</p>  |
| 14:00-14:15        | <p><b>157 - Parental preferences for genetic testing in deaf and hard of hearing children</b><br/><u>Valerie Sung</u> - Kayla Nowrojee - Sharon Lewis - Libby Smith - Lilian Downie<br/><i>Parkville, Australia</i></p>  |
| 14:15-14:30        | <p><b>177 - The experience of caregiver burden for friends and relatives of people with hearing loss</b><br/>Helen Pryce - <u>Georgina Burns-O'Connell</u> - Sian Smith - Saira Hussain - Rachel Shaw - Jean Straus<br/><i>Birmingham, United Kingdom</i></p>  |
| 14:30-14:45        | <p><b>153 - What are the research interests of parents of deaf and hard of hearing children?</b><br/>Zara Gray - Libby Smith - Amy Gray - <u>Valerie Sung</u><br/><i>Parkville, Australia</i></p>  |
| 14:45-15:00        | <p><b>121 - Young People with Cochlear Implants: Listening to their perspective</b><br/><u>Sue Archbold</u> <sup>(1)</sup> - <u>Connie Mayer</u> <sup>(2)</sup> - <u>Brian Lamb</u> <sup>(1)</sup> - <u>Qais Khan</u> <sup>(1)</sup><br/><i>Bruxelles, Belgium</i> <sup>(1)</sup> - <i>Toronto, Canada</i> <sup>(2)</sup></p>  |
| 15:00-15:15        | <p><b>178 - Cochlear Implants and Deafness; Case Study of the creation of a global network to address policy awareness and investment in Cochlear Implants</b><br/><u>Brian Lamb</u> <sup>(1)</sup> - <u>Sue Archbold</u> <sup>(2)</sup> - <u>Z. Yen Ng</u> <sup>(3)</sup><br/><i>Derby, United Kingdom</i> <sup>(1)</sup> - <i>Brussels, Belgium</i> <sup>(2)</sup> - <i>Brisbane, Australia</i> <sup>(3)</sup></p>   |
| 15:15-15:30        | <p><b>143 - Person Centred Approach in Audiology – service users perspectives. “We are not walking audiograms”</b><br/>Lidia Best<br/><i>Houten, Netherlands</i></p>   |
| 15:30-15:45        | <p><b>47 - Theory of Mind and Written Language: An Investigation of School-age Deaf Writers</b><br/><u>Connie Mayer</u> <sup>(1)</sup> - <u>Beverly Trezek</u> <sup>(2)</sup><br/><i>Toronto, Canada</i> <sup>(1)</sup> - <i>Madison, United States</i> <sup>(2)</sup></p>   |
| 15:45-16:00        | <p><b>83 - Cochlear Implant Awareness Day - Are We Making an Impact?</b><br/>Mihai Bentan - Joshua Kang - <u>Daniel Coelho</u><br/><i>Richmond, United States</i></p>  |
| 16:00-16:15        | <p><b>52 - Empowerment through Advocacy</b><br/>Michelle Christie<br/><i>Los Angeles, United States</i></p>  |
| 16:15-16:30        | <p><b>13 - Readability and Quality of Online Health Information about Cochlear Implants and Hearing Aids</b><br/><u>Matthew Bush</u> <sup>(1)</sup> - <u>Evan Nix</u> <sup>(2)</sup> - <u>Abbigayle Willgruber</u> <sup>(1)</sup> - <u>Brian Kinealy</u> <sup>(1)</sup> - <u>David Adkins</u> <sup>(1)</sup> - <u>Daniel Zettler</u> <sup>(3)</sup> - <u>Jennifer Shinn</u> <sup>(1)</sup> - <u>Trey Cline</u> <sup>(1)</sup> - <u>Ryleigh Board</u> <sup>(1)</sup><br/><i>Lexington, Kentucky, United States</i> <sup>(1)</sup> - <i>Chapel Hill, North Carolina, United States</i> <sup>(2)</sup> - <i>Seattle, Washington, United States</i> <sup>(3)</sup></p> |
| <b>16:30-17:30</b> | <p><b>TELEAUDIOLOGY</b><br/>Moderator: Matthew Bush</p>  |
| 16:30-16:45        | <p><b>12 - Tools for Telehealth: A Correlational Analysis of App-Based Hearing Testing</b><br/><u>Matthew Bush</u> - <u>David Adkins</u> - <u>Anthea Phuong</u> - <u>Trey Cline</u> - <u>Jennifer Shinn</u><br/><i>Lexington, Kentucky, United States</i></p>  |

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| 16:45-17:00        | <b>25 - Telehealth and Simulated Patient Learning Environments – Preparing students for the changing face of healthcare</b><br><u>Saira Hussain</u> - Claire Wilkes<br><i>Birmingham, United Kingdom</i>   |
| 17:00-17:15        | <b>97 - Healthy Ears: A telehealth-facilitated randomised-controlled trial utilising the 'Blow, Breathe, Cough' health promotion program to resolve otitis media with effusion in children</b><br><u>Jaimee Rich</u> - Tamara Veselinovic - Tanisha Cayley - Greta Bernabei - Valerie Swift - Melinda Edmunds - Jafri Kuthubutheen - Peter Richmond - Christopher Brennan-Jones<br><i>Perth, Australia</i> |
| 17:15-17:30        | <b>98 - Ear Portal: Using asynchronous tele-audiology to improve access to Ear, Nose and Throat services for children with otitis media in an urban area</b><br><u>Greta Bernabei</u> - Chris Brennan-Jones<br><i>Perth, Australia</i>   |
| <b>17:30-19:00</b> | <b>Poster Session &amp; refreshments</b>   |

## Saturday, 8 June – ROOM AIDA

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| <b>09:00-09:30</b> | <b>Keynote Lecture</b><br><b>9 - Auditory Situation Awareness: the Conundrum when Your Life Depends upon Hearing and your Hearing Depends on your Hearing Protector or Earphone</b><br>John G. Casali<br><i>Blacksburg, Virginia, USA</i><br><br>Moderator: Laura Coco  |
| <b>09:30-10:45</b> | <b>IDENTIFICATION AND PREVENTION OF HEARING LOSS</b><br>Moderator: Annerenee Meijer   |
| 09:30-09:45        | <b>252 - What the audiogram does not show</b><br><u>Mark Laurevns</u> <sup>(1)</sup> - Lidia Best <sup>(2)</sup><br><i>Milano, Italy &amp; Antwerp, Belgium</i> <sup>(1)</sup> - <i>Houten, Netherlands</i> <sup>(2)</sup>  |
| 09:45-10:00        | <b>183 - Preliminary outcomes of a hearing loss screening program of 5,360 older adults at the Medical University of South Carolina</b><br><u>Lauren Dillard</u> - Theodore McRackan - Judy Dubno<br><i>Charleston, United States</i> <sup>(1)</sup>  |
| 10:00-10:15        | <b>79 - Auditory environments at early intervention groups and daycare centers visited by young children with hearing loss</b><br><u>Annerenee Meijer</u> <sup>(1)</sup> - Ruben Benard <sup>(1)</sup> - Aart Woonink <sup>(1)</sup> - Deniz Başkent <sup>(2)</sup> - Evelien Dirks <sup>(3)</sup><br><i>Zwolle, Netherlands</i> <sup>(1)</sup> - <i>Groningen, Netherlands</i> <sup>(2)</sup> - <i>Amsterdam, Netherlands</i> <sup>(3)</sup> |
| 10:15-10:30        | <b>64 - Innovative Approaches to Timely Detection: A Quick Listening Performance Checklist for Recognizing Preschool Children with Potential Hearing Loss</b><br><u>Yu-Chen Hung</u> - Ming Lo - Yi-ping Chang - Yi-Chih Chan - Pin-Chun Chen - Shu-Ting Chang - Jia-Shin Fan<br><i>Taipei, Taiwan</i>  |

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| 10:30-10:45        | <p><b>51 - Farmworkers' Noise Exposure: A Community-Engaged Project in a US/Mexico Border Community</b><br/> <u>Laura Coco</u> <sup>(1)</sup> - Gabriela Sanchez <sup>(1)</sup> - Chris Rodriguez <sup>(1)</sup><br/> <i>San Diego, United States</i> <sup>(1)</sup></p>   |
| 10:45-11:15        | Break  |
| <b>11:15-12:00</b> | <p><b>TINNITUS</b><br/> Moderator: Radi Jönsson</p>  |
| 11:15-11:30        | <p><b>214 - Tinnitus in immigrants to Sweden attending language education classes for adults</b><br/> Radi Jönsson - Nina Pauli - Ylva Dahlin-Redfors<br/> <i>Gothenburg, Sweden</i></p>   |
| 11:30-11:45        | <p><b>61 - Tinnitus Treatment and Healing from Home</b><br/> Corrie Holmes <sup>(1)</sup> - Jenn Holst <sup>(1)</sup> - Jennifer Gans <sup>(2)</sup><br/> <i>Pocatello, United States</i> <sup>(1)</sup> - <i>San Francisco, United States</i> <sup>(2)</sup></p>  |
| 11:45-12:00        | <p><b>38 - Telemedicine solutions for tinnitus patients</b><br/> Piotr H. Skarżyński - Aleksandra Kołodziejak - Natalia Czajka - Henryk Skarżyński<br/> <i>Warsaw / Kajetany, Poland</i></p>   |
| <b>12:00-13:15</b> | <p><b>PERSON-CENTERED CARE</b><br/> Moderator: Aryn Kamerer</p>  |
| 12:00-12:15        | <p><b>10 - Experiences of adults with undiagnosed or "hidden" hearing loss seeking hearing healthcare</b><br/> Aryn Kamerer <sup>(1)</sup> - Makenzie Meadows <sup>(1)</sup> - Cassidy MacFarlane <sup>(1)</sup> - Brittan Barker <sup>(1)</sup><br/> <i>Logan, United States</i></p>  |
| 12:15-12:30        | <p><b>56 - Hearing Loss and Patient Reported Experience (HeLP): Using Patient Experience to improve audiological care</b><br/> Helen Pryce <sup>(1)</sup> - Sian Lickess <sup>(1)</sup> - Georgina Burns-O'Connell <sup>(1)</sup> - Saira Hussain <sup>(1)</sup> - Nisha Dhandha <sup>(1)</sup> - Rachel Shaw <sup>(1)</sup> - Rebecca Knibb <sup>(1)</sup> - Amanda Hall <sup>(1)</sup> - Melanie Ward <sup>(2)</sup> - Laura Turton <sup>(3)</sup> - Jean Straus <sup>(4)</sup><br/> <i>Birmingham, United Kingdom</i> <sup>(1)</sup> - <i>Bath, United Kingdom</i> <sup>(2)</sup> - <i>Dundee, United Kingdom</i> <sup>(3)</sup> - <i>London, United Kingdom</i> <sup>(4)</sup></p> |
| 12:30-12:45        | <p><b>66 - Development and validation of the first Patient Reported Experience Measure (PREM) for people with hearing loss: the PREM HeLP</b><br/> Sian Smith <sup>(1)</sup> - Helen Pryce <sup>(1)</sup> - Georgina Burns-O'Connell <sup>(1)</sup> - Rebecca Knibb <sup>(1)</sup> - Rosemary Greenwood <sup>(2)</sup> - Rachel Shaw <sup>(1)</sup> - Saira Hussain <sup>(1)</sup> - Jonathan Banks <sup>(2)</sup> - Amanda Hall <sup>(1)</sup> - Jean Straus <sup>(1)</sup> - Sian Noble <sup>(2)</sup><br/> <i>Birmingham, United Kingdom</i> <sup>(1)</sup> - <i>Bristol, United Kingdom</i> <sup>(2)</sup></p>   |
| 12:45-13:00        | <p><b>250 - The history and future of Person-Centred Hearing Care</b><br/> Mark Laureyns <sup>(1)</sup> - Lidia Best <sup>(2)</sup><br/> <i>Milano, Italy &amp; Antwerp, Belgium</i> <sup>(1)</sup> - <i>Houten, Netherlands</i> <sup>(2)</sup></p>  |
| 13:00-13:15        | <p><b>278 - Uzbekistan's model of specialized care for children with hearing loss – 9 years of implementation</b><br/> F.I. Inoyatova <sup>(1)</sup> - J.A. Rizaev <sup>(2)</sup> - V. Primako <sup>(1)</sup><br/> <i>Tashkent, Uzbekistan</i> <sup>(1)</sup> - <i>Samarkand, Uzbekistan</i> <sup>(2)</sup></p>  |
| 13.15              | End of the conference  |

| <b>Saturday, 8 June – ROOM BOHEME</b> |  |
|---------------------------------------|--|
| <b>09.00-09.30</b>                    | <b>OUTCOME OF EDHI PROGRAMS (2)</b><br>Moderator: Gaziz Tufatulin  |
| 09:00-09:15                           | <b>118 - Audit of the newborn hearing screening system: rationale and results</b><br><u>Gaziz Tufatulin</u><br><i>St Petersburg, Russian Federation</i>  |
| 09.15-09.30                           | <b>169 - Cultural and linguistical diversity in early hearing detection and intervention programs: Family and service provider perspectives</b><br>Hayley Wong <sup>(1)</sup> - Jane Sheehan <sup>(2)</sup> - Valerie Sung <sup>(2)</sup> - Stephanie Best <sup>(2)</sup> - <u>Greg Leigh</u> <sup>(1)</sup><br><i>Sydney, Australia <sup>(1)</sup> - Melbourne, Australia <sup>(2)</sup></i>  |
| <b>09.30-10.30</b>                    | <b>DIGITAL SOLUTIONS</b><br>Moderator: Barbra Timmer   |
| 09:30-09:45                           | <b>173 - HearChoice Online: improving help-seeking, informed choice and decision-making in hearing healthcare</b><br>Melanie Ferguson <sup>(1)</sup> - Ellen Bothe <sup>(1)</sup> - Bec Bennett <sup>(2)</sup> - <u>Barbra Timmer</u> <sup>(3)</sup> - Kerry Sherman <sup>(2)</sup> - Bronwyn Myers <sup>(1)</sup> - Piers Dawes <sup>(3)</sup><br><i>Perth, Australia <sup>(1)</sup> - Sydney, Australia <sup>(2)</sup> - Brisbane, Australia <sup>(3)</sup></i>            |
| 09:45-10:00                           | <b>107 - Towards a novel classification of noise haters and distortion haters with a mobile measure of individual listening preferences</b><br><u>Giulia Angonese</u> <sup>(1)</sup> - Mareike Buhl <sup>(2)</sup> - Jonathan A. Gößwein <sup>(1)</sup> - Birger Kollmeier <sup>(1)</sup> - Andrea Hildebrandt <sup>(1)</sup><br><i>Oldenburg, Germany <sup>(1)</sup> - Paris, France <sup>(2)</sup></i>   |
| 10:00-10:15                           | <b>88 - Using an auditory model and a deep neural network for hearing loss compensation</b><br>Peter Asbjørn Leer Bysted <sup>(1)</sup> - Jesper Jensen <sup>(2)</sup> - <u>Lars Bramslow</u> <sup>(1)</sup><br><i>Snekkersten, Denmark <sup>(1)</sup> - Smørum, Denmark <sup>(2)</sup></i>  |
| 10:15-10:30                           | <b>8 - Automating the development procedure of the digits-in-noise test using text-to-speech and automatic speech recognition systems</b><br><u>Sigrid Polspoel</u> <sup>(1)</sup> - Sophia E. Kramer <sup>(1)</sup> - Cas Smits <sup>(1)</sup><br><i>Amsterdam, Netherlands</i>   |
| 10:45-11:15                           | Break  |
| <b>11:15-12:45</b>                    | <b>AMPLIFICATION – TECHNOLOGIES AND STRATEGIES</b><br>Moderator: Libby Smith   |
| 11.15-11.30                           | <b>42 - A novel consumer-centric metric for evaluating hearing device audio performance</b><br><u>Vinaya Manchaiah</u> <sup>(1)</sup> - Steve Taddei <sup>(2)</sup> - Abram Bailey <sup>(3)</sup> - De Wet Swanepoel <sup>(4)</sup> - Hansapani Rodrigo <sup>(5)</sup> - Andrew Sabin <sup>(2)</sup><br><i>Aurora, United States <sup>(1)</sup> - Austin, United States <sup>(3)</sup> - Pretoria, South Africa <sup>(4)</sup> - Edinburgh, United States <sup>(5)</sup></i> |
| 11:30-11:45                           | <b>75 - The impact of hearing aid amplification on gait parameters during dual-task situations</b><br><u>Ann-Kristin Seifer</u> - Kaja Strobel - Julia Warmuth - Ronny Hannemann - Björn Eskofier<br><i>Erlangen, Germany</i>  |
| 11:45-12:00                           | <b>119 - Paediatric amplification protocol, based on individualization of the hearing aids' fitting parameters</b><br><u>Gaziz Tufatulin</u> - Vladimir Dvoryanchikov - Sergey Artyushkin - Yuri Yanov<br><i>St Petersburg, Russian Federation</i>   |

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| 12:00-12:15 | <p><b>190 - Impact of COVID-19 on Paediatric Hearing Device Use: A Quantitative Study</b><br/>                 Stephanie Thai - Vivian Tran - <u>Libby Smith</u> - Valerie Sung - Peter Carew<br/> <i>Melbourne, Australia</i></p>  |
| 12:15-12:30 | <p><b>80 - Determining factors of hearing aids outcome</b><br/> <u>Fabien Auberger</u><br/> <i>Amplifon, Paris, France</i></p>  |
| 12:30-12:45 | <p><b>140 - Investigating Time Constants for Optimizing Bimodal Hearing Aid Fittings</b><br/>                 Megan Quilter <sup>(1)</sup> - <u>Nikki Mutter</u> <sup>(2)</sup> - Neil Wright <sup>(1)</sup><br/> <i>Ballerup, Denmark <sup>(1)</sup> - Minneapolis, United States <sup>(2)</sup></i></p> |
| 13.15       | <p>End of the conference</p>  |

## TECHNOLOGY UPDATE SESSIONS

### Thursday, 6 June – ROOM DON GIOVANNI

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| <b>17:30-18:00</b> | <b>TECHNOLOGY UPDATE (1)</b><br>Moderator: Sophia Kramer  |
| 17:30-17:45        | <b>60 - Developing a clinically viable cortical assessment package for evaluating aided benefit</b><br><u>Amanda Goodhew</u><br><i>Middelfart, Denmark</i>                  |
| 17:45-18:00        | <b>50 - Unveiling the Future: Exploring the Latest TV Streaming and Auracast Advancements</b><br>Lotte Hernvig - <u>Derya Ceylan Schjerlund</u><br><i>Ballerup, Denmark</i> |

### Friday, 7 June – ROOM AIDA

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| <b>17:00-18:15</b> | <b>TECHNOLOGY UPDATE (2)</b><br>Moderator: Anne Marie Oudesluys-Murphy  |
| 17:00-17:15        | <b>136 - Use of a portable, enhanced Auditory Brainstem Response device with reduced sensitivity to physiological artifacts and extraneous noises in young children with congenital Cytomegalovirus, in the child's home and hospital audiology department</b><br>Fleurtje A.J. Schornagel - Wim Soede - Ann C.T.M. Vossen - <u>Anne Marie Oudesluys-Murphy</u><br><i>Leiden, Netherlands</i>         |
| 17:15-17:45        | <b>211 - CHORD: A Phase 1/2 Open-Label Trial to Evaluate Intracochlear Administration of DB-OTO Gene Therapy in Pediatric Patients with Profound Sensorineural Hearing Loss Due to Biallelic Otoferlin Mutations</b><br><u>Vassili Valayannopoulos</u><br><i>Tarrytown, United States</i>   |
| 17:45-18:15        | <b>260 - Our experience in measurements with SmartNav System</b><br><u>Vigen Bakhshinyan</u> <sup>(1)</sup> - Gayane Sargsyan <sup>(2)</sup> - Gegham Khandanyan <sup>(2)</sup> - George Tavartkiladze <sup>(1)</sup> – Akira Ishiyama <sup>(3)</sup><br><i>Moscow, Russian Federation</i> <sup>(1)</sup> - <i>Yerevan, Armenia</i> <sup>(2)</sup> - <i>Los Angeles, United States</i> <sup>(3)</sup> |

## POSTER SESSION

Friday, 7 June 2024

17:00 – 18:30

Posters will be on display for informal viewing throughout the Conference (June 6-8). Poster presenters are required to be by their posters during the Poster Session: Friday 7 June from 17.30 to 19.00.

### P.01 - AMPLIFICATION - TECHNOLOGIES AND STRATEGIES

|               |   |
|---------------|---|
| <b>P.01.1</b> | <p><b>58 - Analysis of knowledge held by Brazilian speech therapists about the Evaluation of Auditory Responses to Speech battery</b><br/> <u>Cilmara Levy</u> - Lucia Kazuko Nishino - Thamirez Santos Silva Ribeiro do Val Bello - Thais Rodrigues Talarico<br/> <i>São Paulo, Brazil</i></p>   |
| <b>P.01.2</b> | <p><b>72 - Hearing at the mall food court: Multibeam processing technology improves hearing group conversations in a real-world setting</b><br/> <u>Paula Folkeard</u> <sup>(1)</sup> - Niels Søggaard Jensen <sup>(2)</sup> - Homayoun Kamkar Parsi <sup>(3)</sup> - Sascha Bilert <sup>(3)</sup> - Susan Scollie <sup>(1)</sup><br/> <i>London, Canada</i> <sup>(1)</sup> - <i>Lyngø, Denmark</i> <sup>(2)</sup> - <i>Erlangen, Germany</i> <sup>(3)</sup></p>                                  |
| <b>P.01.3</b> | <p><b>87 - The use of the Multidimensional Fatigue Scale (PedsQL) to evaluate hearing fatigue in children/adolescents with unilateral hearing loss</b><br/> <u>Amanda Scheffer</u> - Heloisa de Miranda Cantuária Alves - Maria Fernanda Capoani Garcia Mondelli<br/> <i>Bauru, Brazil</i></p>  |
| <b>P.01.4</b> | <p><b>142 - Harmony in Hearing: Unveiling the Revolutionary Bimodal Nucleus Smart App for an Enhanced Auditory Experience</b><br/> Amanda Speers <sup>(1)</sup> - Nicola Willmot <sup>(1)</sup> - <u>Megan Quilter</u> <sup>(2)</sup> - Nikki Mutter <sup>(3)</sup> - Kate Pick <sup>(1)</sup><br/> <i>Belfast, Ireland</i> <sup>(1)</sup> - <i>Ballerup, Denmark</i> <sup>(2)</sup> - <i>Minneapolis, United States</i> <sup>(3)</sup></p>   |
| <b>P.01.5</b> | <p><b>151 - The effect of Dynamic Noise Cancellation on listening effort, speech recognition and sound quality among adults with severe to profound hearing loss</b><br/> Xin Tian <sup>(1)</sup> - Ruijuan Dong <sup>(2)</sup> - Jing Zhang <sup>(1)</sup> - <u>Bernadette Fulton</u> <sup>(3)</sup> - Jingjing Guan <sup>(1)</sup> - Shuo Wang <sup>(2)</sup><br/> <i>Shanghai, China</i> <sup>(1)</sup> - <i>Beijing, China</i> <sup>(2)</sup> - <i>Murten, Switzerland</i> <sup>(3)</sup></p> |
| <b>P.01.6</b> | <p><b>210 - Mic Matters: Unveiling the Power of 2 vs 4 Microphone Beamformers in Hearing Aids</b><br/> <u>Megan Quilter</u> - Tao Cui<br/> <i>Ballerup, Denmark</i></p>   |
| <b>P.01.7</b> | <p><b>217 - Digital interfaces in the hearing health of the elderly: hearing aid orientation and fitting program</b><br/> <u>Wanderleia Blasca</u> <sup>(1)</sup> - Vivian Vespero <sup>(1)</sup> - Lucas Neri <sup>(1)</sup> - Bianca Antonelli <sup>(1)</sup> - Fabiana Azenha <sup>(1)</sup> - Adriana Lacerda <sup>(2)</sup> - Thais Angelo <sup>(1)</sup><br/> <i>Bauru, Brazil</i> <sup>(1)</sup> - <i>Montreal, Canada</i> <sup>(2)</sup></p>  |
| <b>P.01.8</b> | <p><b>223 - Development of an instructional educational object for simulation otoplastic procedures</b><br/> Wanderleia Quinhoneiro Blasca <sup>(1)</sup> - Lucas Ferreira Neri <sup>(1)</sup> - Maria Thereza Raab Forastieri Piccino <sup>(1)</sup> - Vivian Aparecido Vespero - Bianca Caseiro Antonelli - Deborah Viviane Ferrari<br/> <i>Bauru, Brazil</i></p>   |
| <b>P.01.9</b> | <p><b>247 - Analysis of auditory neuroplasticity using the P300 after 3 months and 6 months of Hearing Aid fitting</b><br/> Natalia Ferrazoli - <u>Christiane Marques do Couto</u><br/> <i>Campinas, Brazil</i></p>   |

**P02 - AUDITORY PROCESSING DISORDERS**

|               |  |
|---------------|--|
| <b>P.02.1</b> | <b>93 - Impacts of Covid-19 on the peripheral and central auditory system of children and adolescents</b><br><u>Maria Francisca Colella-Santos</u> - Cauã Reis Gonçalves - Julia Siqueira<br><i>Campinas, Brazil</i>                     |
| <b>P.02.2</b> | <b>109 - Children and adolescents affected by stroke: performance in auditory skills</b><br><u>Maria Francisca Colella-Santos</u> - Nadia Giulian de Carvalho - Thalita Ubiali - Maria Isabel Ramos do Amaral<br><i>Campinas, Brazil</i> |
| <b>P.02.3</b> | <b>192 - The Effect of Music Training in Adulthood on Frequency Discrimination Ability</b><br><u>Leyla Jalilvand Karimi</u> - Mahboobeh Rahimi<br><i>Tehran, Iran (Islamic Republic of)</i>  |

**P03 - COMPUTATIONAL AUDIOLOGY**

|               |   |
|---------------|---|
| <b>P.03.1</b> | <b>114 - Assessing Array-Type Differences in current spread of cochlear implant users with the Panoramic ECAP Method</b><br><u>Charlotte Garcia</u> - Robert P Carlyon<br><i>Cambridge, United Kingdom</i>  |
| <b>P.03.2</b> | <b>235 - Pinna Related Transfer Function and Auricular Motor Activity</b><br>Daniel J. Strauss - Farah I. Corona- Strauss - <u>Leen J. N. Almasu</u><br><i>Saarbrücken &amp; Homburg, Germany</i>   |
| <b>P.03.3</b> | <b>254 - Post-Auricular Muscle Activity Reflecting the Exogenous Capture of Attention</b><br><u>Laura Renz</u> <sup>(1)</sup> - Maja Serman <sup>(2)</sup> - Sebastian Best <sup>(2)</sup> - Niels Jensen <sup>(2)</sup> - Cecil Wilson <sup>(2)</sup> - Jurek Foellmer <sup>(2)</sup> - Andreas Schroerer <sup>(1)</sup> - Adrian Mai <sup>(1)</sup> - Daniel Strauss <sup>(1)</sup> - Farah Corona-Strauss <sup>(1)</sup><br><i>Saarbrücken, Germany</i> <sup>(1)</sup> - <i>Erlangen, Germany</i> <sup>(2)</sup> |

**P04 - EARLY IDENTIFICATION - NOVEL TECHNIQUES**

|               |   |
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| <b>P.04.1</b> | <b>17 - Biphasic Effect of Apolipoprotein E ε4 Allele on Hearing Loss with Age: A Retrospective Multicenter Cohort Study</b><br><u>Kyoung Ho Park</u><br><i>Seoul, Korea, Republic of</i>   |
| <b>P.04.2</b> | <b>110 - Study of the correlation between Auditory Steady State Evoked Potential (NB CE CHIRP) and Auditory Brainstem Response in childhood audiological assessment</b><br><u>Maria Francisca Colella-Santos</u> - Laura Franco Chiriboga - Karoline Sideri<br><i>Campinas, Brazil</i>  |
| <b>P.04.3</b> | <b>139 - TEOAE Based Newborn Hearing Screening with MOCR Neural Assessment</b><br><u>Rafael Delgado</u> <sup>(1)</sup> - Linda Hood <sup>(2)</sup> - Lauren Roberts <sup>(2)</sup><br><i>Miami, United States</i> <sup>(1)</sup> - <i>Nashville, United States</i> <sup>(2)</sup>   |
| <b>P.04.4</b> | <b>228 - Impacts on the auditory system of infants with Covid-19-positive mothers during the gestational</b><br><u>Jheniffer Queiroz Raimundo</u> - Maria Francisca Colella dos Santos<br><i>Valinhos, Brazil</i>   |
| <b>P.04.5</b> | <b>266 - AudBility: Performance of schoolchildren in a minimum screening protocol and in a behavioral assessment of auditory skills</b><br>Ana Carolina Lemos - Nadia Giulian Carvalho - Beatriz Ribeiro Carvalho - Thalita Ubiali - Maria Francisca Colella-Santos - <u>Maria Isabel Ramos Amaral</u><br><i>Campinas, Brazil</i> |

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| <b>P.04.6</b> | <p><b>179 - Neuroimaging measures to find a causal link between age-related hearing loss and cognitive decline: a scoping review</b><br/> <u>Liam Collins-Jones</u> - Deborah Vickers<br/> <i>Cambridge, United Kingdom</i></p> |
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## P05 - EPIDEMIOLOGY

|               |   |
|---------------|---|
| <b>P.05.1</b> | <p><b>5 - Influence of umbilical cord pH on the outcome of otoacoustic emission hearing screening in healthy newborns</b><br/>                 Jose Miguel Sequi-Sabater <sup>(1)</sup> - Marta Ibarra-Rodriguez <sup>(2)</sup> - Victor Aparisi-Climent <sup>(3)</sup> - Jose Ignacio Collar-Castillo <sup>(3)</sup> - <u>Jose Miguel Sequi-Canet</u> <sup>(3)</sup><br/> <i>Alzira, Spain <sup>(1)</sup> - Cordoba, Spain <sup>(2)</sup> - Gandia, Spain <sup>(3)</sup></i></p> |
| <b>P.05.2</b> | <p><b>31 - Organizational aspects and results of a hearing screening program among first-grade children in the Mazovian region of Poland</b><br/> <u>Piotr H. Skarzyński</u> - Elżbieta Gos - Natalia Czajka - Henryk Skarzyński<br/> <i>Warsaw /Kajetany, Poland</i></p>   |
| <b>P.05.3</b> | <p><b>33 - Hearing screening in school-age children from Kyrgyzstan results of screening and follow-up</b><br/> <u>Piotr H. Skarzyński</u> - Elżbieta Gos - Irina Pierzyńska - Adam Walkowiak - Katarzyna B. Cywka - Kinga Wołujewicz - Henryk Skarzyński<br/> <i>Warsaw / Kajetany, Poland</i></p>   |
| <b>P.05.4</b> | <p><b>85 - Pilot hearing screening in schoolchildren from Armenia, Russia, Kyrgyzstan and Azerbaijan</b><br/> <u>Piotr H. Skarzyński</u> - Tetiana Golubok - Kinga Wołujewicz - Roman Barylak - Henryk Skarzyński - Ewelina Bukato - Rita Zdanowicz - Natalia Czajka<br/> <i>Warsaw/Kajetany, Poland</i></p>  |
| <b>P.05.5</b> | <p><b>123 - The early developmental profiles of deaf and hard-of-hearing children and their associated predictive factors</b><br/>                 Natalie Zehnwirth <sup>(1)</sup> - Libby Smith <sup>(2)</sup> - <u>Valerie Sung</u> <sup>(2)</sup><br/> <i>The Royal Children's Hospital, General Medicine, Parkville, Australia <sup>(1)</sup> - Murdoch Children's Research Institute, VicCHILD, Parkville, Australia <sup>(2)</sup></i></p>                                 |

## P06 - HEARING LOSS, COMMUNICATION AND QUALITY OF LIFE

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|----------------|--|
| <b>P.06.01</b> | <p><b>116 - Child- and Parent-Reported Listening Fatigue in Children with Cochlear Implants and Children with Hearing Aids</b><br/> <u>Ellie Cooper</u> <sup>(1)</sup> - Krystal Werfel <sup>(2)</sup><br/> <i>Dallas, United States <sup>(1)</sup> - Omaha, United States <sup>(2)</sup></i></p>                      |
| <b>P.06.2</b>  | <p><b>57 - Effect of socioeconomic status on the changes in social relationships after use of hearing aids</b><br/>                 Young Ho Kim<br/> <i>Seoul, Korea, Republic of</i></p>   |
| <b>P.06.3</b>  | <p><b>99 - Exploring Speech-in-Noise Intelligibility Deficit in Individuals with Poorly Controlled Type-2 Diabetes Mellitus</b><br/> <u>Mathieu Schué</u> - Véronique Baudoux - Laura Breda - Frédérique Défossé - Hugo Laullier - Sylvie Pucheu - Hugo Vanacker - Charles Vincent<br/> <i>Montpellier, France</i></p> |
| <b>P.06.4</b>  | <p><b>172 - Impact of COVID-19 on deaf and hard-of-hearing children's learning: A mixed methods study</b><br/>                 Rija Khanal - Rona Weerasuriya - Libby Smith - <u>Valerie Sung</u><br/> <i>Melbourne, Australia</i></p>   |

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| <b>P.06.5</b> | <b>175 - How does hearing impairment among older persons affect their communication partners' health, communication, and social activities?</b><br><u>Katja Anióse</u> <sup>(1)</sup> - Elisabeth Ingo <sup>(1)</sup> - Henrik Danielsson <sup>(1)</sup> - Meg Wallhagen <sup>(2)</sup> - Rachel Ellis <sup>(1)</sup><br><i>Linköping, Sweden <sup>(1)</sup> - San Francisco, United States <sup>(2)</sup></i>  |
| <b>P.06.6</b> | <b>195 - Successful aging with hearing loss: how do hearing-related adaptive strategies relate to positive hearing outcomes in older adults?</b><br><u>Rosa-Linde Fischer</u> <sup>(1)</sup> - Bettina Williger <sup>(2)</sup> - Stefan Kamin <sup>(3)</sup> - Lukas Graber <sup>(3)</sup> - Stephanie Schmitt-Rüth <sup>(4)</sup> ,<br><i>Erlangen, Germany <sup>(1)</sup> - Landshut, Germany <sup>(2)</sup> - Nürnberg, Germany <sup>(3)</sup> - Amberg-Weiden, Germany <sup>(4)</sup></i> |
| <b>P.06.7</b> | <b>244 - Understanding Cultural Variations in Stigma Related to Hearing Loss and Hearing Aid Use</b><br><u>Suhani Pattanshetti</u> - Charlotte Vercammen - Gabrielle Saunders - Samuel Couth<br><i>Manchester, United Kingdom <sup>(1)</sup></i>  |
| <b>P.06.8</b> | <b>30 - Personal music players use and other noise hazards among children 11 to 12 years old</b><br><u>Piotr H. Skarżyński</u> - Natalia Czajka - Elżbieta Gos - Henryk Skarżyński<br><i>Warsaw / Kajetany, Poland</i>  |
| <b>P.06.9</b> | <b>41 - Subclinical effects of noise exposure in teenagers: A pre-registered longitudinal study</b><br><u>Hannah Guest</u> <sup>(1)</sup> - Kevin Munro <sup>(1)</sup> - Carlyn Murray <sup>(1)</sup> - Garreth Prendergast <sup>(1)</sup> - Karolina Kluk <sup>(1)</sup> - Rebecca Millman <sup>(1)</sup> - Rebecca Dewey <sup>(2)</sup> - Chris Plack <sup>(1)</sup><br><i>Manchester, United Kingdom <sup>(1)</sup> Nottingham, United Kingdom <sup>(2)</sup></i>                          |

## P07 - IMPROVING HEARING CARE AND SERVICES

|               |   |
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| <b>P.07.1</b> | <b>128 - CI Services Matter</b><br><u>Sue Archbold</u> <sup>(1)</sup> - Connie Mayer <sup>(2)</sup> - Brian Lamb <sup>(1)</sup> - Imran Mulla <sup>(1)</sup><br><i>Bruxelles, Belgium <sup>(1)</sup> - Toronto, Canada <sup>(2)</sup></i>   |
| <b>P.07.2</b> | <b>170 - Caring for Good Hearing – Evaluation of the Prevention Programme “Hearing and Communication in Long-term Care Facilities” in Bavaria, Germany</b><br><u>Carolin Gravel</u> - Naëmi Budke - Karolin Schäfer<br><i>Cologne, Germany</i>  |
| <b>P.07.3</b> | <b>176 - The lived experience of hearing loss: a systematic narrative review of coping with hearing loss and its psychosocial implications</b><br>Helen Pryce <sup>(1)</sup> - <u>Georgina Burns-O'Connell</u> <sup>(1)</sup> - Sian Smith <sup>(1)</sup> - Rachel Shaw <sup>(2)</sup><br><i>Birmingham, United Kingdom</i> |
| <b>P.07.4</b> | <b>222 - Hearing health intervention based on the principles of interactive education</b><br><u>Wanderleia Blasca</u> - Maria Thereza Piccino - Vivian Vespero - Lucas Neri - Bianca Antonelli<br><i>Bauru, Brazil</i>  |
| <b>P.07.5</b> | <b>236 - A Community-Based Experiential Learning Partnership to Provide Hearing Healthcare to Underserved Populations</b><br>Lisa Rickard<br><i>College Park, United States</i>   |
| <b>P.07.6</b> | <b>39 - The accuracy of parental suspicion of hearing loss in children</b><br><u>Piotr H. Skarżyński</u> <sup>(1)</sup> - Natalia Czajka <sup>(2)</sup> - Elżbieta Gos <sup>(2)</sup> - Henryk Skarżyński <sup>(3)</sup><br><i>Warsaw / Kajetany, Poland</i>  |
| <b>P.07.7</b> | <b>206 - Students' self-perception about skills and competences in audiology</b><br>Vitória Luiza Thomé - <u>Christiane Marques do Couto</u><br><i>Campinas, Brazil</i>   |

## P08 - INTERVENTION AND REHABILITATION -STRATEGIES AND METHODS

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| <b>P.08.1</b> | <b>4 - Congenital auricular atresia – audiological and aesthetic rehabilitation</b><br>Stephan Knipping<br><i>Dessau, Germany</i>   |
| <b>P.08.2</b> | <b>67 - Multisensory Training intervention for hearing impaired children: a preliminary results of a pilot study</b><br><u>Maria Chiara Marini</u> - Matilde Maria Marulli<br><i>Roma, Italy</i>  |
| <b>P.08.3</b> | <b>184 - Spatial Hearing Training for Young Bilateral Cochlear Implant Users: The BEARS approach</b><br><u>Bhavisha Parmar</u> <sup>(1)</sup> - Marina Salorio-Corbetto <sup>(1)</sup> - Sandra Driver <sup>(2)</sup> - Merle Mahon <sup>(2)</sup> - Ruth Nightingale <sup>(2)</sup> - Fleur Corbett <sup>(2)</sup> - Lorenzo Picilani <sup>(2)</sup> - Dan Jiang <sup>(2)</sup> - Helen Cullington <sup>(3)</sup> - Deborah Vickers <sup>(1)</sup><br><i>Cambridge, United Kingdom <sup>(1)</sup> - London, United Kingdom <sup>(2)</sup> - Southampton, United Kingdom <sup>(3)</sup></i> |
| <b>P.08.4</b> | <b>70 - Focusing on Positive Listening Experiences Improves Hearing Aid Outcomes in First-Time Hearing Aid Users: A Randomized Controlled Trial</b><br><u>Dina Lelic</u> <sup>(1)</sup> - Petra Herrlin <sup>(2)</sup> - Florian Wolters <sup>(2)</sup> - Line Louise Aaberg Nielsen <sup>(3)</sup> - Ceylan Tuncer <sup>(3)</sup> - Karolina Smeds <sup>(2)</sup><br><i>Lyngø, Denmark <sup>(1)</sup> - Stockholm, Sweden <sup>(2)</sup> - Odense, Denmark <sup>(3)</sup></i>  |
| <b>P.08.5</b> | <b>203 - Exploring Music Perception and Enjoyment Across a Lifetime in a Dual Sensory Impaired Cochlear Implant Listener</b><br><u>Cheuk Chee Cynthia Lam</u> - Deborah Vickers - Bhavisha Parmar<br><i>Cambridge, United Kingdom</i>   |
| <b>P.08.6</b> | <b>224 - Development and evaluation of educational multimedia in the rehabilitation of hearing impaired elderly and their communication partners</b><br><u>Vivian Aparecida Vespero</u> <sup>(1)</sup> - Wanderleia Quinhoneiro Blasca <sup>(1)</sup> - Gabriela Zacante Santos <sup>(1)</sup> - Danielle Fernandes de Lemos - Bianca Caseiro Antonelli - Fabiana de Souza Pinto Azenha - Thais Corina Said de Angelo - Lucas Ferreira Néri<br><i>Bauru, Brasil</i>   |

## P09 - PATIENTS WITH COMPLEX CONDITIONS

|               |   |
|---------------|---|
| <b>P.09.1</b> | <b>29 - Intratemporal Facial Nerve Neurofibroma Causing Facial Paralysis in an Infant: Case Report and Review of the Literature</b><br><u>Emma West</u> - Graham Pingree - Rajanya Petersson - Daniel Coelho<br><i>Richmond, United States</i>          |
| <b>P.09.2</b> | <b>81 - Complete Spontaneous Hearing Loss Recovery in a Pediatric Chemotherapy Patient – a Case Report</b><br>Mihai Bentan - Meghan Nemeth - <u>Daniel Coelho</u><br><i>Richmond, United States</i>   |
| <b>P.09.3</b> | <b>276 - Long-term Outcomes of Cochlear Implantation in Usher Syndrome</b><br><u>Mirthe L.A. Fehrmann</u> - Chris P. Lanting - Lonneke Haer-Wigman - Emmanuel A.M. Mylanus - Wendy J. Huinck - Ronald J.E. Pennings<br><i>Nijmegen, The Netherlands</i> |

## P10 - SPEECH AND LANGUAGE

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| <b>P.10.1</b> | <b>197 - Expressive Vocabulary and Working Memory in Children with Cochlear Implants: Exploring the Role of Phonological Working Memory</b><br><u>Kristina Burum</u> - Björn Lyxell - Simon Sundström<br><i>Oslo, Norway</i> |
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| <b>P.10.2</b> | <b>199 - Theory of mind and its relationship with language and working memory in early implanted school-aged children</b><br><u>Kristina Burum</u> - Björn Lyxell - Simon Sundström<br><i>Oslo, Norway</i> |
| <b>P.10.3</b> | <b>281 - Fostering language growth in conversations between children with cochlear implant and teachers in preschool</b><br>Nadia Akinshina<br><i>Oslo, Norway</i>   |

## P11 - SPEECH PERCEPTION / DISCRIMINATION

|               |  |
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| <b>P.11.1</b> | <b>120 - The Speech Perception of English Consonant Clusters in Monolingual and Bilingual Individuals in Age-Related Hearing Loss Simulation</b><br><u>Eri Iwaqami</u> - Stuart Rosen - Tim Green<br><i>London, United Kingdom</i>   |
| <b>P.11.2</b> | <b>194 - Signal Processing Strategy for Cochlear Implant Based on Feature Extraction to Improve Outcomes</b><br>Behnam Molaee-Ardekani <sup>(1)</sup> - Julian Felding <sup>(2)</sup> - Aswin Wijetillake <sup>(2)</sup> - Kai Dang <sup>(1)</sup> - Yue Zhang <sup>(1)</sup> - Marianna Vatti <sup>(2)</sup> - Rafael Attili Chiea <sup>(1)</sup> - <u>Manuel Segovia-Martinez</u> <sup>(1)</sup><br><i>Vallauris, France <sup>(1)</sup> - Copenhagen, Denmark <sup>(2)</sup></i> |
| <b>P.11.3</b> | <b>201 - Linguistic Prediction as a Compensatory Mechanism for Hearing Impairment</b><br><u>Matthias Reiner</u> <sup>(1)</sup> - Petra Hendriks <sup>(1)</sup> - Esther Ruigendijk <sup>(2)</sup><br><i>Groningen, Netherlands <sup>(1)</sup> - Oldenburg, Germany <sup>(2)</sup></i>  |
| <b>P.11.4</b> | <b>221 - Hearing loops: old school for current communication issues</b><br><u>Clara B Iplinsky</u> - Adriane L M Moret - Natália B Frederigue-Lopes - Deborah V Ferrari - Rafael B Diman - Ralf F Dworak - Regina T S Jacob<br><i>Bauru, Brazil</i>  |
| <b>P.11.5</b> | <b>233 - Assessing the impact of cognitive status on audio-visual benefit</b><br><u>Marina Salorio-Corbetto</u> <sup>(1)</sup> - Edwin Koubeh <sup>(1)</sup> - Deborah Vickers <sup>(1)</sup><br><i>Cambridge, United Kingdom</i>  |
| <b>P.11.6</b> | <b>234 - Pitch perception and frequency discrimination in CI users: The impact of pulse rate, electrode location and cross-channel interaction</b><br><u>Yue Zhang</u> - Behnam Molaee-Ardekani - Rafael Attili Chiea - Bradford Backus - Manuel Segovia-Martinez<br><i>Vallauris, France</i>  |
| <b>P.11.7</b> | <b>259 - Auditory function in children with speech delay</b><br>Mariia Markova<br><i>Moscow, Russian Federation</i>  |

## P12 - SPEECH-IN-NOISE TESTING WITH DIGITS-IN-NOISE

|               |   |
|---------------|---|
| <b>P.12.1</b> | <b>46 - Arabic Digits-In-Noise: Relations to hearing loss, reliability, and comparison of antiphase and diotic versions</b><br><u>Hannah Guest</u> <sup>(1)</sup> - Adnan Shehabi <sup>(2)</sup> - Chris Plack <sup>(1)</sup><br><i>Manchester, United Kingdom <sup>(1)</sup> - Birzeit, Palestinian Territory <sup>(2)</sup></i> |
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## P13 – TELEAUDIOLOGY

|               |  |
|---------------|--|
| <b>P.13.1</b> | <p><b>19 - Industry 4.0 and project management in audiology and speech therapy: a SWOT analysis</b><br/>                 Guilherme Ribeiro Telli Manoel <sup>(1)</sup> - <u>Amanda Scheffer</u> <sup>(2)</sup> - Maria Fernanda Capoani Garcia Mondelli <sup>(2)</sup><br/>                 Piracicaba, Brazil <sup>(1)</sup> - Bauru, Brazil <sup>(2)</sup></p>   |
| <b>P.13.2</b> | <p><b>186 - Developing and validating virtual-audio clinical tools for assessing spatial-listening skills for children with bilateral cochlear implants</b><br/>                 Bhavisha Parmar <sup>(1)</sup> - Marina Salorio-Corbetto <sup>(1)</sup> - Jennifer Bizley <sup>(2)</sup> - Stuart Rosen <sup>(2)</sup> - Lorenzo Picinali <sup>(2)</sup> - Deborah Vickers <sup>(1)</sup><br/>                 Cambridge, United Kingdom <sup>(1)</sup> - London, United Kingdom <sup>(2)</sup></p> |
| <b>P.13.3</b> | <p><b>122 - Development and implementation of a distributed web-based AEP and OAE testing system</b><br/>                 Rafael Delgado<br/>                 Miami, United States</p>   |

## P14 – TINNITUS

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|---------------|---|
| <b>P.14.1</b> | <p><b>18 - Photobiomodulation Therapy in Aspects Related to Hearing: an Integrative Bibliometric Study</b><br/> <u>Amanda Scheffer</u> <sup>(1)</sup> - Maria Fernanda Capoani Garcia Mondelli <sup>(1)</sup> - Renata da Silva Cardoso Rocha Tavares <sup>(2)</sup><br/>                 Bauru, Brasil <sup>(1)</sup> - São José do Rio Preto, Brasil <sup>(2)</sup></p> |
| <b>P.14.2</b> | <p><b>35 - Prevalence of tinnitus in a sample of 43,064 children in Warsaw, Poland</b><br/> <u>Piotr H. Skarżyński</u> - Danuta Raj-Koziak - Natalia Czajka - Henryk Skarżyński<br/>                 Warsaw / Kajetany, Poland</p>  |

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test for  
the Eclipse

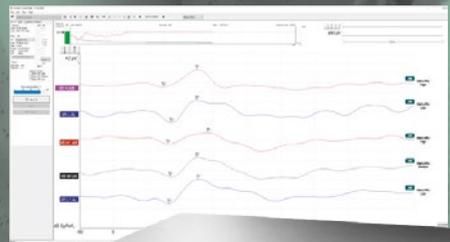
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Join the HeAL lecture: 'Developing a clinically viable cortical assessment package for evaluating aided benefit' by Amanda Goodhew BSc (Hons) MSc International Clinical Trainer from the Interacoustics Academy.

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