

HEAL 2022

Cernobbio (Lake Como), Italy

June 16-18, 2022

SCIENTIFIC PROGRAM

Thursday, 16 June – ROOM AIDA	
09:00-13:30	Registration
13:30-13:45	Opening Session
13:45-14:15	Lecture 304 - HEARING FOR LIFE: WORLD REPORT ON HEARING Shelly Chadha (<i>WHO, Geneva CH</i>)
14:15-15:45	Symposium SENSITIVE NEW METHODS FOR MEASURING HEARING IN INFANTS, CHILDREN AND ADULT <i>Organized by David Moore and Lisa Hunter</i>
14:15-14:30	299 - New sensitive technology for auditory threshold measures in infants Yvonne Sininger ⁽¹⁾ - Lisa Hunter ⁽²⁾ - Deborah Hayes ⁽³⁾ - Patricia Roush ⁽⁴⁾ - Kristin Uhler ⁽³⁾ (<i>Santa Fe, New Mexico, United States⁽¹⁾ - Cincinnati, OH, United States⁽²⁾ - Denver, CO, United States⁽³⁾ - Chapel Hill, NC, United States⁽⁴⁾</i>)
14:30-14:45	294 - Detection of Slight-Mild Hearing Levels with DPOAE and Wideband Tympanometry Lisa Hunter ⁽¹⁾ - Sue Windmill ⁽¹⁾ - Patricia Roush ⁽²⁾ - Kristin Uhler ⁽³⁾ - Yvonne Sininger ⁽⁴⁾ (<i>Cincinnati, OH, United States⁽¹⁾ - Chapel Hill, NC, United States⁽²⁾ - Aurora, CO, United States⁽³⁾ - Santa Fe, NM, United States⁽⁴⁾</i>)
14:45-15:00	302 - Towards early identification of suprathreshold auditory deficits in infants and children Gabiella Musacchia ⁽¹⁾ - Jiong Hu ⁽¹⁾ - Vinod K. Bhutani ⁽²⁾ - Matthew Fitzgerald ⁽²⁾ (<i>San Francisco, CA, United States⁽¹⁾ - Palo Alto, CA, United States⁽²⁾</i>)
15:00-15:15	296 - Resting state fMRI shows specific speech processing impairments in children with listening difficulty but normal audiograms David Moore - Lisa Hunter - Jennifer Vannest - Lauren Petley - Julia Hoyda - Erin Cash - Hannah Stewart (<i>Cincinnati, Ohio, United States</i>)
15:15-15:30	455 - Sensitized Monitoring for Aminoglycoside-Induced Hearing Loss in Neonates in Intensive Care Angela Garinis ⁽¹⁾ - Priya Srikanth ⁽¹⁾ - Cindy McEvoy ⁽¹⁾ - Angela Douglas ⁽¹⁾ - Selena Liao ⁽¹⁾ - Campbell Cross ⁽¹⁾ - Heather Durham ⁽¹⁾ - Daniel Putterman ⁽¹⁾ - Peter Steyger ^(1,2) (<i>Portland, OR, USA⁽¹⁾ - Omaha, NE, USA⁽²⁾</i>)
15:30-15:45	295 - The association between speech-in-noise perception and extended high-frequency hearing Lina Motlagh Zadeh ⁽¹⁾ - Noah Silbert ⁽¹⁾ - De Wet Swanepoel ⁽²⁾ - Lisa Hunter ⁽¹⁾ - David Moore ⁽¹⁾ (<i>Cincinnati, United States⁽¹⁾ - Pretoria, South Africa⁽²⁾</i>)
15:45-16:15	Lecture 471 - TRIAGE IN AUDIOLOGY – NEW INCENTIVES AND NEW EXPRESSIONS OF AN OLD BUT PERVASIVE IDEA Mark Haggard (<i>Cambridge, UK</i>)

16:15-16:45	Break
16:45-18:30	SPEECH PERCEPTION IN INFANTS
16:45-17:00	470 - Understanding the sound environments of babies and toddlers <u>Hannah Cooper</u> ⁽¹⁾ - Gwen Carr ⁽¹⁾ - Cate Statham ⁽²⁾ - Mary Kean ⁽³⁾ (London, UK ⁽¹⁾ - Reading, UK ⁽²⁾ - Salford, UK ⁽³⁾)
17:00-17:15	50 - Consonant and Vowel Confusions in Well-Performing Children and Adolescents with Cochlear Implants, Measured by a Nonsense-Word Repetition Test <u>Arne K Rødsvik</u> ⁽¹⁾ - Ole Tvette ⁽¹⁾ - Janne von Koss Torkildsen ⁽¹⁾ - Ona Bø Wie ⁽¹⁾ - Ingebjørg Skaug ⁽¹⁾ - Juha Tapio Silvola ⁽²⁾ (Oslo, Norway ⁽¹⁾ - Lørenskog, Norway ⁽²⁾)
17:15-17:30	115 - Role of Voice Cues for Speech-on-Speech Intelligibility in Children with Hearing Aids <u>Pınar Ertürk</u> ⁽¹⁾ - Başak Özkişi ⁽¹⁾ - Gizem Babaoğlu ⁽¹⁾ - Etienne Gaudrain ⁽²⁾ - Gonca Sennaroğlu ⁽¹⁾ - Deniz Başkent ⁽³⁾ (Ankara, Turkey ⁽¹⁾ - Lyon, France ⁽²⁾ - Groningen, Netherlands ⁽³⁾)
17:30-17:45	198 - Speech-in-noise identification performance in children with hearing impairment with cochlear implants and hearing aids: Three-year longitudinal study with comparison with children with normal hearing <u>Maria Grube Sorgenfrei</u> - Lone Percy-Smith - Signe Wischmann - Jane Lignel Josvassen - Maria Hallstrøm - Ariane Laplante-Lévesque - Per Caye-Thomasen (Copenhagen, Denmark)
17:45-18:00	398 - Spatial release from masking in school-aged children with cochlear implants and hearing aids and comparison with children with normal hearing acuity <u>Juan Camilo Gil-Carvajal</u> - Maria Grube Sorgenfrei - Christian Stender Simonsen - Søren Kamaric Riis - Lone Percy-Smith - Signe Wischmann - Jane Lignel Josvassen - Maria Hallstrøm - Per Caye-Thomasen - Ariane Laplante-Lévesque (Copenhagen, Denmark)
18:00-18:15	435 - Development of social-pragmatic understanding in children with congenital hearing loss between the ages of 4 and 6 years <u>Krista Tuohimaa</u> ⁽¹⁾ - Soile Loukusa ⁽¹⁾ - Heikki Löppönen ⁽²⁾ - Taina Välimaa ⁽¹⁾ - Sari Kunnari ⁽¹⁾ (Oulu, Finland ⁽¹⁾ - Kuopio, Finland ⁽²⁾)
18:15-18:30	void

Thursday, 16 June – ROOM BOHEME

14:15-15:45	SPEECH PERCEPTION
14:15-14:30	157 - Fully Automated Speech Comprehension Measures: comparing methods for precision and efficiency <u>Jared Bernstein</u> ⁽¹⁾ - Jian Cheng ⁽²⁾ - Masanori Suzuki ⁽²⁾ - Elizabeth Rosenfeld ⁽²⁾ (Stanford, CA, United States ⁽¹⁾ - Palo Alto, CA, United States ⁽²⁾)
14:30-14:45	467 - Revisiting the notion of "context" in aging and real-time spoken language processing <u>Craig Chambers</u> - Raheleh Saryazdi (Toronto, Canada)
14:45-15:00	385 - Not only speech in noise. Hearing loss and the perception of fast speech <u>Limor Lavie</u> - Karen Banai (Haifa, Israel)
15:00-15:15	130 - Degradation of speech perception with competing speakers. A robust and thorough investigation of the effects of changes in fundamental frequency, vocal-tract length and signal-to-noise ratio and their relation to age-related hearing loss and cognitive decline Mathieu Blom ⁽¹⁾ - Laura Rachman ⁽²⁾ - Etienne Gaudrain ⁽²⁾ - Deniz Başkent ⁽²⁾ (Zwolle, Netherlands ⁽¹⁾ - Groningen, Netherlands ⁽²⁾)

15:15-15:30	264 - Validation of a Spanish lists of words spoken corpora generated and comparison of performances with non-spoken corpora generated lists of words Ramon Hernandez-Villoria - Skarleth Veloz-Marquez (Caracas, Venezuela)
15:30-15:45	220 - Speech-likeness and binaural parameters in everyday-life recordings: implications for clinical audiology Theo Goverts ⁽¹⁾ - Steve Colburn ⁽²⁾ (Amsterdam, Netherlands ⁽¹⁾ - Boston, MA, United States ⁽²⁾)
15:45-16:15	AUTISM SPECTRUM DISORDERS (1)
15:45-16:00	161 - Autism and complex needs – Considerations for clinical care in Paediatric Audiology Jolanta McCall (Cheadle Hulme, United Kingdom)
16:00-16:15	9 - New Directions in APD: Diagnosis and Treatment of Amblyaudia Deborah Moncrieff (Memphis, TN, United States)
16:15-16:45	Break
16:45-17:15	AUTISM SPECTRUM DISORDERS (2)
16:45-17:00	386 - Cochlear Implantation of Children with Autism Spectrum Disorder: Impact and Long-term Results Carolyn Jenks ⁽¹⁾ - Stephen Hoff ⁽²⁾ - Jennifer Haney ⁽²⁾ - Elizabeth Tournis ⁽²⁾ - Denise Thomas ⁽²⁾ - Nancy Young ⁽²⁾ (Baltimore, MD, United States ⁽¹⁾ - Chicago, IL, United States ⁽²⁾)
17:00-17:15	484 - Sensory gating of autism spectrum disorder (ASD) children using Auditory Brainstem Response (ABR) with Counting-digit Stroop task: A pre-liminary study Fatin Amira Shahrudin ⁽¹⁾ - Ahmad Aidil Arafat Dzulkarnain ⁽¹⁾ - Fatin Nabilah Jamal ⁽¹⁾ - Sarah Rahmat ⁽¹⁾ - Ramli Musa ⁽¹⁾ - Nadzirah Ahmad Basri ⁽¹⁾ - Masnira Jusoh ⁽¹⁾ - Shahrul Na'im Sidek ⁽²⁾ - Hazlina Md Yusof ⁽²⁾ - Madihah Khalid ⁽²⁾ (Kuantan, Malaysia ⁽¹⁾ - Gombak, Malaysia ⁽²⁾)
17:15-17:45	Lecture 434 - HEARING AND VISION HEALTH FOR PEOPLE WITH DEMENTIA IN RESIDENTIAL LONG TERM CARE: KNOWLEDGE, ATTITUDES AND PRACTICE IN ENGLAND, SOUTH KOREA, INDIA, GREECE, INDONESIA AND AUSTRALIA Piers Dawes ⁽¹⁾ - Iracema Leroi ⁽²⁾ - Nisha Chauhan ⁽³⁾ - Han Woojae ⁽⁴⁾ - Vijaykumar Harbishettar ⁽⁵⁾ - Dona Jayakody ⁽⁶⁾ - Louise Jones ⁽⁷⁾ - Adamos Konstantinou ⁽⁸⁾ - Asri Maharani ⁽³⁾ - Angelita Martini ⁽⁶⁾ - Antonios Politis ⁽⁹⁾ - Suhan Prabhakar ⁽⁵⁾ - Sandra Prew ⁽¹⁰⁾ - Costis Prouskas ⁽¹¹⁾ - Gregor Russell ⁽¹²⁾ - Angus Sturrock ⁽¹²⁾ - Sri Sunarti ⁽¹³⁾ - Joanne Taylor ⁽¹⁴⁾ - Theofanis Vorvolakos ⁽¹⁵⁾ - Mark Worthington ⁽¹⁶⁾ (Brisbane, Australia & Manchester, UK ⁽¹⁾ - Dublin, Ireland & Manchester, UK ⁽²⁾ - Manchester, UK ⁽³⁾ - Chuncheon, Republic of Korea ⁽⁴⁾ - Bengaluru, India ⁽⁵⁾ - Perth, Australia ⁽⁶⁾ - Newcastle upon Tyne, UK ⁽⁷⁾ - Larisa, Greece ⁽⁸⁾ - Athens, Greece ⁽⁹⁾ - Birmingham, UK ⁽¹⁰⁾ - Greece ⁽¹¹⁾ - Bradford, UK ⁽¹²⁾ - Malang, Indonesia ⁽¹³⁾ - Southampton, UK ⁽¹⁴⁾ - Alexandroupolis, Greece ⁽¹⁵⁾ - Preston, UK ⁽¹⁶⁾)
17:45-18:30	TECHNOLOGY UPDATE (1)
17:45-18:00	444 - Speech awareness improvements with dual-streaming technology for people with single-sided deafness Jessica Ramos (Oticon A/S, Global Training, Smørum, Denmark)
18:00-18:15	382 - Hearing Aid Technology to Support Communication, Learning, and Inclusion for Children and Teens Dave Gordey (Oticon, Centre for Applied Audiology Research, Smørum, Denmark)
18:15-18:30	245 - Examining speech recognition with the use of adaptive gain receivers and ReSound Multi Microphone technology Megan Quilter ⁽¹⁾ - Neil Wright ⁽²⁾ (GN Hearing, Global Medical Affairs, Ballerup, Denmark ⁽¹⁾ - GN Hearing, Global Audiology, Ballerup, Denmark ⁽²⁾)

Thursday, 16 June – ROOM CARMEN	
14:15-16:15	EPIDEMIOLOGY
14:15-14:30	349 - Long-term hearing decline in the workplace: A longitudinal population study <u>Ina Molaug</u> - Bo Engdahl - Eirik Degerud - Ingrid Sivesind Mehlum - Lisa Aarhus (Oslo, Norway)
14:30-14:45	412 - A longitudinal study of the prevalence of noise- induced hearing loss in childhood <u>Danique E. Paping</u> - Jantien L. Vroegop - Carlijn M.P. le Clercq - Robert .J. Baatenburg de Jong - Marc P. van der Schroeff (Rotterdam, Netherlands)
14:45-15:00	29 - The prevalence, behavioural and management outcomes of infants with Auditory Neuropathy Spectrum Disorder within a large cohort of newborns Jason Smalley - <u>Kevin Hole</u> (Nottingham, United Kingdom)
15:00-15:15	485 - Recreational noise exposure and hearing threshold: a population-based follow-up study Bo Engdahl - <u>Lisa Aarhus</u> (Oslo, Norway)
15:15-15:30	200 - Prevalence of Hearing Trouble, Diagnoses and Use of Services in Early Primary School: The U.S. Early Childhood Longitudinal Study–Kindergarten Class of 2010–11 <u>Chuan-Ming Li</u> ⁽¹⁾ - Howard J. Hoffman ⁽¹⁾ - Christa L. Themann ⁽²⁾ - Greg A Flamme ⁽³⁾ - Mabel L. Rice ⁽⁴⁾ (Bethesda, MD, United States ⁽¹⁾ - Cincinnati, OH, United States ⁽²⁾ - Forest Grove, OR, United States ⁽³⁾ – Lawrence, KS, United States ⁽⁴⁾)
15:30-15:45	463 - The prevalence of long-term otitis media related hearing loss in children and its impact on developmental outcomes <u>Aleema Rahman</u> (Birmingham, United Kingdom)
15:45-16:00	170 - Relationship between Inflammatory Food Consumption and Age-related Hearing Loss and Age-Related Central Auditory Processing Disorder in a Prospective Observational Cohort: the Salus in Apulia Study Rodolfo Sardone ⁽¹⁾ - <u>Luisa Lampignano</u> ⁽¹⁾ - Nicola Quaranta ⁽²⁾ (Castellana Grotte, Italy ⁽¹⁾ - Bari, Italy ⁽²⁾)
16:15-16:45	Break
16:45-17:45	GENETIC ISSUES
16:45-17:00	127 - Identification of new candidate genes for hearing disorders using exome analysis <u>Ralf Birkenhäger</u> (Freiburg, Germany)
17:00-17:15	118 - Epidemiology of the hereditary sensorineural hearing loss in Russia <u>Tatiana Markova</u> - Olga Mironovich - Maria Lalayants - Natalia Alexeeva - Svetlana Chibisova - Elena Bliznets - Alexandr Polyakov - George Tavartkiladze (Moscow, Russian Federation)
17:15-17:30	77 - Exome sequencing in infants with congenital hearing impairment: a population based cohort study Lilian Downie ⁽¹⁾ - Jane Halliday ⁽¹⁾ - Rachel Burt ⁽¹⁾ - Sebastian Lunke ⁽¹⁾ - Elly Lynch ⁽¹⁾ - Melissa Martyn ⁽¹⁾ - Zeffie Poulakis ⁽¹⁾ - Clara Gaff ⁽¹⁾ - <u>Valerie Sung</u> ⁽¹⁾ - Melissa Wake ⁽¹⁾ - Matthew F Hunter ⁽¹⁾ - Kerry Saunders ⁽¹⁾ - Elizabeth Rose ⁽¹⁾ - Sharon Lewis ⁽¹⁾ - Anna Jarmolowicz ⁽¹⁾ - Dean Phelan ⁽¹⁾ - Heidi L Rehm ⁽²⁾ - David J Amor ⁽¹⁾ (Melbourne, Australia ⁽¹⁾ - Boston, MA, United States ⁽²⁾)

17:30-17:45	145 - Serum activity of MMP9 and its functional polymorphism as potential biomarkers of neuroplasticity in prelingual deafness treatment with cochlear implantation <u>Monika Matusiak</u> - Anita Obrycka - Dominika Oziębło - Emilia Rejmak-Kozicka - Monika Oldak - Leszek Kaczmarek - Henryk Skarżynski (Warsaw, Poland)
17:45-18:00	AUDITORY TRAINING CHILDREN
17:45-18:00	204 - Using auditory training and structured input to facilitate language development in children with hearing loss Nancy Tye-Murray - Mitch Sommers - <u>Joe Barcroft</u> (St. Louis, MO, United States)

Thursday, 16 June – ROOM DON GIOVANNI	
14:15-16:15	COMORBIDITIES & MEDICAL ISSUES (1)
14:15-14:30	154 - Hearing Screening for congenital CytoMegalovirus – a feasibility and acceptability study of targeted salivary CMV screening for the early diagnosis of CMV associated hearing loss <u>Emma Webb</u> ⁽¹⁾ - Alanna Gillespie ⁽¹⁾ - Cheryl Jones ⁽²⁾ - Zeffie Poulakis ⁽¹⁾ - Jan Hodgson ⁽¹⁾ - Jim Buttery ⁽¹⁾ - Dan Casalaz ⁽¹⁾ - Andrew Daley ⁽¹⁾ - Susan Donath ⁽¹⁾ - Amanda Gwee ⁽¹⁾ - Bron Hennebry ⁽¹⁾ - Sue Jacobs ⁽¹⁾ - Linny Kimly Phuong ⁽¹⁾ - Rosalynn Pszczola ⁽¹⁾ - Rachael Purcell ⁽¹⁾ - Kerry Saunders ⁽¹⁾ - HearS-cCMV Study Team ⁽¹⁾ - Valerie Sung ⁽¹⁾ (Melbourne, Australia ⁽¹⁾ - Sydney, Australia ⁽²⁾)
14:30-14:45	126 - Temporal resolution abilities of individuals with and without diabetes mellitus type II with normal pure tone thresholds <u>Maggi Soer</u> - Lidia Pottas - Lizelle Ehlers (Pretoria, South Africa)
14:45-15:00	365 - A clinical test for enhanced auditory sensitivity for body vibrations in Superior Semicircular Canal Dehiscence Syndrome <u>Luca Verrecchia</u> ⁽¹⁾ - Magnus Vestin ⁽¹⁾ - Karl-Johan Freden Jansson ⁽²⁾ - Sabine Reinfeldt ⁽²⁾ - Bo Håkansson ⁽²⁾ (Stockholm, Sweden ⁽¹⁾ - Gothenburg, Sweden ⁽²⁾)
15:00-15:15	120 - Wideband tympanometry in ears with superior canal dehiscence before and after surgical correction <u>Aleksandr Velikoselskii</u> - Luca Verrecchia - Georgios Papatziamos - Henrik Smeds (Stockholm, Sweden)
15:15-15:30	182 - The relation between size of enlarged vestibular aqueduct on computed tomography and progression of hearing loss: a retrospective analysis Sybren Robijn - Jan Willem Dankbaar - Inge Stegeman - <u>Diane Smit</u> (Utrecht, Netherlands)
15:30-15:45	181 - Hearing loss in children with mucopolysaccharidoses after hematopoietic cell transplantation; a longitudinal analysis Brigitte Van den Broek - <u>Diane Smit</u> - Jaap Jan Boelens - Peter Van Hasselt (Utrecht, Netherlands)
15:45-16:00	192 - In-Utero Opioid Exposure, Neonatal Abstinence Syndrome, and Infant Hearing: A KIDS Inpatient Database Review of Newborn Screening and Infant Hearing Loss <u>Matthew Bush</u> ⁽¹⁾ - Adam Van Horn ⁽¹⁾ - Liza Creel ⁽²⁾ (Lexington, KY, United States ⁽¹⁾ - Louisville, KY, United States ⁽²⁾)
16:00-16:15	423 - The ears and hearing: the role in reproduction <u>Borka Ceranic</u> (London, United Kingdom)

16:15-16:45	Break
16:45-17:30	COMORBIDITIES & MEDICAL ISSUES (2)
16:45-17:00	16 - (Intractable) Localization- related symptomatic epilepsy in patient with Bilateral Cochlear implant: A Case Report <u>Maha Al-Sulaiteen</u> (Doha, Qatar)
17:00-17:15	460 - Investigation of the Effect of Screen Time on Balance in Children Aged 14-18 During the Pandemic <u>Zehra Aydođan</u> - Kübra Binay Bolat - Suna Tokgöz Yılmaz (Ankara, Turkey)
17:15-17:30	408 - Preclinical adenosine receptor-based pharmacological therapies for hearing loss <u>Srdjan Vlajkovic</u> - Belinda Han - Min Shin - Peter Thorne (Auckland, New Zealand)
17:30-18:15	COMORBIDITIES & COMPLEX NEEDS
17:30-17:45	187 - Intervenor Services across Lifespan of individuals with deafblindness in Ontario, Canada <u>Crystal Pigeon-Way - Miranda Komar</u> (Newmarket, Ontario, Canada)
17:45-18:00	176 - Hearing screenings, diagnostics, and treatment of hearing loss for people with intellectual disabilities in their life environment in Germany <u>Katrin Neumann</u> ⁽¹⁾ - Emmanouela Dimitrakopoulou ⁽²⁾ - Frans Coninx ⁽³⁾ - Peter Matulat ⁽¹⁾ - Harald A. Euler ⁽¹⁾ . (Münster, Germany ⁽¹⁾ - Bochum, Germany ⁽²⁾ - Solingen, Germany ⁽³⁾)
18:00-18:15	128 - Temporal resolution and speech perception in noise of adults with and without HIV with normal audiometric results <u>Lidia Pottas</u> - Maggi Soer - Michaela Wantenaar (Pretoria, South Africa)

Friday, 17 June – ROOM AIDA	
08:00-09:30	Round Table and Special Session AUDITORY PROCESSING DISORDERS Organized by the European APD Group and EFAS APD Working Group <i>Moderator: Vasiliki (Vivian) Iliadou (Athens, Greece)</i>
08:00-08:15	292 - Questionnaires used to evaluate auditory processing <u>Martin Ptok</u> <i>(Hannover, Germany)</i>
08:15-08:30	8 - Auditory processing disorder- clinical battery as a gold standard approach <u>Tone Stokkerei Mattsson</u> <i>(Ålesund, Norway)</i>
08:30-08:45	17 - Cognitive and linguistic interaction in auditory processing <u>Helen Grech</u> <i>(Msida, Malta)</i>
08:45-09:00	303 - Developmental trajectory of central auditory processing in learning disabled children: Preliminary results <u>Hung Thai-Van</u> - Evelyne Veuillet <i>(Paris, France)</i>
09:00-09:15	76 - Auditory Rhythm Related Deficits in Primary School Children with Auditory Processing Disorder <u>Christos Sidiras</u> ⁽¹⁾ - Vasiliki Maria Iliadou ⁽¹⁾ - Ioannis Nimatoudis ⁽¹⁾ - Manon Grube ⁽²⁾ - Timothy Griffiths ⁽²⁾ - Doris-Eva Bamiou ⁽³⁾ <i>(Thessaloniki, Greece⁽¹⁾ - Newcastle, United Kingdom⁽²⁾ - London, United Kingdom⁽³⁾)</i>
09:15-09:30	475 - Clinical presentation of APD in different paediatric and adult populations Central Auditory Processing Disorders <u>Doris-Eva Bamiou</u> <i>(London, UK)</i>
09:30-10:45	LISTENING EFFORT (1)
09:30-09:45	414 - A Systematic Review of the Correlations Between Measures of Listening Effort and Their Association with Fatigue <u>Callum Shields</u> - Mark Sladen - Jaya Nichani - Karolina Kluk-de Kort - Iain Bruce <i>(Manchester, United Kingdom)</i>
09:45-10:00	35 - The auditory-cognitive perspective of speech understanding and listening effort <u>Katrien Kestens</u> - Sofie Degeest - Hannah Keppler <i>(Ghent, Belgium)</i>
10:00-10:15	462 - Don't miss a thing! An integrative body response while listening to a complex acoustic scene with hearing aids <u>Maja Serman</u> ⁽¹⁾ - Sebastian Best ⁽¹⁾ - Niels S. Jensen ⁽²⁾ - Farah I. Corona-Strauss ⁽³⁾ - Jurek Foellmer ⁽¹⁾ - Daniel J. Strauss ⁽³⁾ <i>(Erlangen, Germany⁽¹⁾ - Lynge, Germany⁽²⁾ - Saarbrücken, Germany⁽³⁾)</i>
10:15-10:30	91 - Listening effort in young-adults with different amounts of noise exposure <u>Sofie Degeest</u> - Katrien Kestens - Hannah Keppler <i>(Ghent, Belgium)</i>
10:30-10:45	393 - Cross-Cultural Adaptation and Validation of the Italian Version of the Vanderbilt Fatigue Scale (VFS) <u>Gloria Parravicini</u> ⁽¹⁾ - Silvia Piazzalunga ⁽²⁾ - Michela Maria Dossi ⁽¹⁾ - Annamaria Riva ⁽²⁾ - Antonio Schindler ⁽²⁾ - Benjamin Hornsby ⁽³⁾ - Eliana Cristofari ⁽¹⁾ <i>(Varese, Italy⁽¹⁾ - Milano, Italy⁽²⁾ - Nashville, TN, USA⁽³⁾)</i>
10:45-11:15	Break
11:15-11:45	LISTENING EFFORT (2)

11:15-11:30	285 - Adverse effects of hearing aid underfitting on speech intelligibility, listening effort and memory for speech <u>Elaine Ng</u> ⁽¹⁾ - Josefine Juul Jensen ⁽¹⁾ - Michael Schulte ⁽²⁾ - Dorothea Wendt ⁽³⁾ (<i>Smørum, Denmark</i> ⁽¹⁾ - <i>Oldenburg, Germany</i> ⁽²⁾ - <i>Snekkersten, Denmark</i> ⁽³⁾)
11:30-11:45	497 - Quantitative assessment of the influence of sound in affective audio-visual elicitations <u>Edoardo Maria Polo</u> ⁽¹⁾ - Maximiliano Mollura ⁽²⁾ - <u>Alessia Paglialonga</u> ⁽²⁾ - Riccardo Barbieri ⁽²⁾ (<i>Rome, Italy</i> ⁽¹⁾ - <i>Milan, Italy</i> ⁽²⁾)
11:45-12:30	Special Session HEARING IMPAIRMENT AND DEMENTIA: THE EU SENCE-COG PROJECT TO PROMOTE MENTAL WELL-BEING IN OLDER EUROPEANS Organized by the SENCE-Cog EU Project <i>Moderator: Chryssoula Thodi (Engomi, Cyprus)</i>
11:45-12:00	268 - Support care needs of people with dementia and hearing and vision impairment: A European perspective Iracema Leroi ⁽¹⁾ - Lucas Wolski ⁽²⁾ - Anna Pavlina Charalambous ⁽³⁾ - Fofi Constantinidou ⁽⁴⁾ - David Renaud ⁽⁵⁾ - Piers Dawes ⁽⁶⁾ - Mark Hann ⁽⁶⁾ - Ines Himmelsbach ⁽²⁾ - Jahanarah Miah ⁽⁶⁾ - Magali Payne ⁽⁵⁾ - Zoe Simkin ⁽⁹⁾ - <u>Chryssoula Thodi</u> ⁽³⁾ - Wai Kent Yeung ⁽⁶⁾ - Abebaw Mengitsu Yohannes ⁽⁷⁾ (<i>Dublin, Ireland</i> ⁽¹⁾ - <i>Freiburg, Germany</i> ⁽²⁾ - <i>Engomi, Cyprus</i> ⁽³⁾ - <i>Nicosia, Cyprus</i> ⁽⁴⁾ - <i>Nice, France</i> ⁽⁵⁾ - <i>Manchester, UK</i> ⁽⁶⁾ - <i>Azusa, CA, USA</i> ⁽⁷⁾)
12:00-12:15	442 - The Montreal Cognitive Assessment hearing impaired version <u>Piers Dawes</u> ⁽¹⁾ - Annie Pye ⁽²⁾ - David Reeves ⁽²⁾ - Wai Kent Yeung ⁽²⁾ - Saima Sheikh ⁽²⁾ - Chryssoula Thodi ⁽³⁾ - Anna Pavlina Charalambous ⁽³⁾ - Kathleen Gallant ⁽⁴⁾ - Nasreddine Ziad ⁽⁴⁾ - Iracema Leroi ⁽⁵⁾ (<i>Brisbane, Australia & Manchester, UK</i> ⁽¹⁾ - <i>Manchester, UK</i> ⁽²⁾ - <i>Nicosia, Cyprus</i> ⁽³⁾ - <i>Greenfield Park, Québec, Canada</i> ⁽⁴⁾ - <i>Dublin, Ireland</i> ⁽⁵⁾)
12:15-12:30	266 - International practice recommendations for the identification and management of hearing, vision and cognitive impairment Jenna Littlejohn ⁽¹⁾ - Michael Bowen ⁽²⁾ - Piers Dawes ⁽³⁾ - Christine Dickinson ⁽¹⁾ - Fofi Constantinidou ⁽⁴⁾ - Patricia Heyn ⁽⁵⁾ - Emma Hooper ⁽¹⁾ - Tammy Hopper ⁽⁶⁾ - Isabel Hubbard ⁽⁷⁾ - Donna Langenbahn ⁽⁸⁾ - Carrie L. Nieman ⁽⁹⁾ - Manoj Rajagopal ⁽²⁾ - <u>Chryssoula Thodi</u> ⁽⁴⁾ - Barbara Weinstein ⁽⁸⁾ - Walter Wittich ⁽¹⁰⁾ - Iracema Leroi ⁽¹⁶⁾ (<i>Manchester, United Kingdom</i> ⁽¹⁾ - <i>London, UK</i> ⁽²⁾ - <i>Sydney, New South Wales, Australia</i> ⁽³⁾ - <i>Nicosia, Cyprus</i> ⁽⁴⁾ - <i>Aurora, Colorado, USA</i> ⁽⁵⁾ - <i>Edmonton, Alberta, Canada</i> ⁽⁶⁾ - <i>Lexington, KY, USA</i> ⁽⁷⁾ - <i>New York, NY, USA</i> ⁽⁸⁾ - <i>Baltimore, MD, USA</i> ⁽⁹⁾ - <i>Montreal, Quebec, Canada</i> ⁽¹⁰⁾ - <i>Dublin, Ireland</i> ⁽¹¹⁾)
12:30-13:00	COGNITIVE DECLINE (1)
12:30-12:45	468 - Hearing Loss & Hearing Care among Persons Living with Dementia: A Unrecognized & Unmet Need in Dementia Care <u>Carrie Nieman</u> - Joshua Betz - Alexander Kim - Frank Lin - Esther Oh (<i>Baltimore, MD, United States</i>)
12:45-13:00	402 - Auditory behavior of older adults with and without Mild Cognitive Impairment (MCI): Differences in the right ear advantage <u>Jennifer Lister</u> ⁽¹⁾ - Jennifer O'Brien ⁽²⁾ - Aryn Harrison Bush ⁽¹⁾ - Jerri Edwards ⁽¹⁾ (<i>Tampa, FL, United States</i> ⁽¹⁾ - <i>St. Petersburg, FL, United States</i> ⁽²⁾)
13:00-14:00	Lunch
14:00-15:30	COGNITIVE DECLINE (2)
14:00-14:15	6 - Exploring the role of social isolation in people living with hearing loss and dementia, in residential care settings <u>Nisha Dhanda</u> (<i>Birmingham, United Kingdom</i>)
14:15-14:30	407 - The evaluation of global cognitive and emotional status of patients with sensorineural hearing loss in middle age <u>Valeria Del Vecchio</u> ⁽¹⁾ - Laura Tricarico ⁽²⁾ - Rita Malesci ⁽¹⁾ - Elio Marciano ⁽¹⁾ - Anna Rita Fetoni ⁽¹⁾ (<i>Naples, Italy</i> ⁽¹⁾ - <i>Rome, Italy</i> ⁽²⁾)
14:30-14:45	253 - Post Fitting Assessment of Socialization in Older Adults with Cognitive Decline <u>Nikolaos Trimmis</u> - Foteini Feida - Sofia Manika (<i>Patra, Greece</i>)

14:45-15:00	430 - Exploring The Prevalence of Undetected Mild Cognitive Impairment in Patients With Hearing Loss <u>Jaydip Ray</u> - Annelina Venneri - Larissa Greenwood (Sheffield, UK)
15:00-15:15	4 - Cognitive Degeneration and how it occurs due to noise effects <u>Anjan Muhury</u> (Long Beach, CA, United States)
15:15-15:30	440 - “Investigation of the Effects of COVID-19 on Perception, Attention, Memory, Balance and Quality of Life in the Elderly” <u>Banu BAŞ</u> - Zehra Aydoğan - Songül AKSOY (Ankara, Turkey)
15:30-16:15	COGNITION AND HEARING LOSS IN CHILDREN
15:30-15:45	61 - Literacy Achievement of School-aged Deaf Students <u>Connie Mayer</u> ⁽¹⁾ - Beverly Trezek ⁽²⁾ (Toronto, Canada ⁽¹⁾ - Madison, WI, United States ⁽²⁾)
15:45-16:00	37 - Executive functions and activities performance in "virtual action planning supermarket" test of children with hearing impairment <u>Shaima Hamed-Daher</u> ⁽¹⁾ - Lama Shahbari ⁽¹⁾ - Naomi Josman ⁽¹⁾ - Evelyne Klinger ⁽²⁾ - Batya Engel-Yeger ⁽¹⁾ (Haifa, Israel ⁽¹⁾ – Bordeaux, France ⁽²⁾)
16:00-16:15	168 - Assessing the Impact of Deafness on Capability <u>Wouter Rijke</u> ⁽¹⁾ - Anneke Vermeulen ⁽²⁾ - Krista Willeboer ⁽³⁾ - Emmanuel Mylanus ⁽¹⁾ - Margreet Langereis ⁽⁴⁾ - Gert Jan Van der Wilt ⁽¹⁾ (Nijmegen, Netherlands ⁽¹⁾ - Apeldoorn, Netherlands ⁽²⁾ - Sint-Michielsgestel, Netherlands ⁽³⁾ - Utrecht, Netherlands ⁽⁵⁾)
16:15-17:00	HEALTH INEQUALITIES, QUALITY OF LIFE AND HEARING LOSS
16:15-16:30	65 - The impact of hearing loss on quality of life: development of the hearing-related quality of life questionnaire for Auditory-Visual, COgnitive and Psychosocial functioning (hAVICOP) <u>Dorien Ceuleers</u> - Katrien Kestens - Nele Baudonck - Hannah Keppler - Ingeborg Dhooge - Sofie Degeest (Ghent, Belgium)
16:30-16:45	39 - The Hearing Health Inequalities Model [HHI Model]: A New Era in Hearing Research across the Lifespan Dalia Tsimpida - Evangelos Kontopantelis - Darren Ashcroft - Maria Panagioti (Manchester, United Kingdom)
16:45-17:00	21 - Hearing screening in school-age children from Kyrgyzstan: results of screening and follow-up <u>Piotr Henryk Skarżyński</u> - Weronika Świerniak - Elżbieta Gos - Irina Pierzyńska - Adam Walkowiak - Katarzyna Beata Cywka - Kinga Wołujewicz - Henryk Skrażyński (Katejany/Warsaw, Poland)
17:00-18:30	Poster Session & refreshments
17:00-18:15	TECHNOLOGY UPDATE (2)
17:00-17:15	262 - Benefits of cochlear implantation across the adult life-span Jasmin Kaur - Josie Wyss - Dianne Mecklenburg - <u>Chris James</u> (Cochlear AG, Clinical Operations, Basel, Switzerland)
17:15-17:45	62 - Evaluation of a hearing aid fitting protocol optimized for active musicians <u>Barbara Simon</u> - Julie Tantau (Bernafon AG, Clinical Audiology, Bern, Switzerland)
17:45-18:15	55 - Optimum Newborn screening techniques for improved outcome measures <u>Christopher Fazakerley</u> (Natus, Newborn Care, Brackley, United Kingdom)

Friday, 17 June – ROOM BOHEME	
08:00-09:00	IMPLANTABLE DEVICES
08:00-08:15	257 - St Thomas' Hearing Implant Centre's Holistic Assessment Model for Potential Bone Conduction and Middle Ear Implant Recipients <u>Kathryn Webb</u> - Marsha Jenkins - Irume Pai - Harry Powell - Dan Jiang (London, United Kingdom)
08:15-08:30	298 - Transcutaneous Hearing Implants in Children: The St Thomas' Experiences <u>Tisa Thomas</u> - Marsha Jenkins - Katherine Wilson - Irume Pai - Harry Powell - Dan Jiang (London, United Kingdom)
08:30-08:45	47 - Outcomes after application of active bone conducting implants <u>Eleonor Koro</u> - Elenor Lundgren - Mimmi Werner (Umeå, Sweden)
08:45-09:00	107 - Active transcutaneous bone conduction implant: middle fossa placement technique in children with bilateral microtia and external auditory canal atresia <u>Carolina Der</u> - Sofia Bravo-Torres - Nicolas Pons Casanueva (Santiago, Chile)
09:00-10:45	COCHLEAR IMPLANTS IN CHILDREN
09:00-09:15	149 - Aetiology, cognition and age-at-implant factors associated with speech perception and language outcomes for children using cochlear implants. <u>Shani Dettman</u> - Dawn Choo - Richard Dowell (Parkville, Australia)
09:15-09:30	338 - Cochlear implantation for children under the age of 12-months <u>Mary Haddad</u> - Katherine Wilson - Jannet Horton - Sandra Driver - Caroline Bartrop - Lauren Hegarty - Christine Rocca - Alice Montgomery - Jo Gravey - Harry Powell (London, United Kingdom)
09:30-09:45	148 - Receptive and expressive language trajectories for children receiving cochlear implants before 3.5 years <u>Shani Dettman</u> ⁽¹⁾ - Dawn Choo ⁽¹⁾ - Lisa Trinca ⁽¹⁾ - Isabella Minato ⁽¹⁾ - Jaime Leigh ⁽²⁾ - Denise Courtenay ⁽²⁾ - Sandra Lettieri ⁽²⁾ - Elizabeth Stroud-Dunn ⁽²⁾ - Debra Lee ⁽¹⁾ - Megan Morrissy ⁽¹⁾ - Charlie Stanford ⁽¹⁾ - Michelle Tam ⁽¹⁾ - Helen Zhang ⁽¹⁾ (Parkville, Australia ⁽¹⁾ - East Melbourne, Australia ⁽²⁾)
09:45-10:00	360 - Clinical Trial to Expand MED-EL Synchrony Pediatric Indications in the United States <u>Nancy M Young</u> - Denise Thomas - Elizabeth Tournis - Stephen R Hoff (Chicago, IL, United States)
10:00-10:15	394 - Perceptual factors influencing the speech production of children with cochlear implants <u>James Mahshie</u> (Washington DC, United States)
10:15-10:30	489 - A study on the association of functional hearing behaviors with semantics, morphology, and syntax in cochlear-implanted preschool children <u>Sevgi Kutlu</u> - Hilal Burcu Ozkan - Esra Yücel (Ankara, Turkey)
10:30-10:45	122 - Primary auditory outcomes in children with bimodal and bilateral cochlear implants <u>Marloes Sparreboom</u> ⁽¹⁾ - Sebastián Ausili ⁽²⁾ - Martijn Agterberg ⁽¹⁾ - Emmanuel Mylanus ⁽¹⁾ (Nijmegen, Netherlands ⁽¹⁾ - Miami, FL, United States ⁽²⁾)
10:45-11:15	Break
11:15-13:00	COCHLEAR IMPLANTS - ADULTS
11:15-11:30	73 - A consensus statement on the standard of care for adult cochlear implantation and on the relationship between hearing loss, depression, cognition and dementia <u>Leo De Raeve</u> (Zonhoven, Belgium)

11:30-11:45	<p>319 - Healthy Aging in Elderly Cochlear Implant Recipients: A Multinational Observational Study <u>Domenico Cuda</u> ⁽¹⁾ - Isabelle Mosnier ⁽²⁾ - Josie Wyss ⁽³⁾ - Chrystelle Coudert-Koall ⁽⁴⁾ - Angel Ramos ⁽⁵⁾ - Raquel Manrique Huarte ⁽⁶⁾ - Riyad Khnifes ⁽⁷⁾ - Ohad Hilly ⁽⁸⁾ - Alessandro Martini ⁽⁹⁾ - Mathieu Marx ⁽¹⁰⁾ <i>(Piacenza, Italy ⁽¹⁾ – Paris, France ⁽²⁾ - Sydney, Australia ⁽³⁾ - Basel, Switzerland ⁽⁴⁾ - Las Palmas de Gran Canaria, Spain ⁽⁵⁾ - Pamplona, Spain ⁽⁶⁾ - Haifa, Israel ⁽⁷⁾ - Petah Tikva, Israel ⁽⁸⁾ - Padova, Italy ⁽⁹⁾ - Toulouse, France ⁽¹⁰⁾)</i></p>
11:45-12:00	<p>377 - Improving adult Cochlear Implant users' speech recognition performance in quiet and noise by using predefined fitting parameters <u>Richard de Quillettes</u> - Marre Kaandorp - Paul Merkus - Sophia Kramer - Cas Smits <i>(Amsterdam, Netherlands)</i></p>
12:00-12:15	<p>405 - The influence of cognitive factors on speech recognition in cochlear implant users <u>Marloes Adank</u> - Maaïke Bouwes Bavinck - Marja Lechner-van de Noort - Gertjan Dingemans - André Goedegebure - Jantien Vroegop <i>(Rotterdam, Netherlands)</i></p>
12:15-12:30	<p>369 - The relationship between consistent use of speech processors and auditory outcomes in adult cochlear implant recipients <u>Richard C. Dowell</u> - Jacqueline Inches - Raoul Wills <i>(Melbourne, Australia)</i></p>
12:30-12:45	<p>364 - Development of living practice guidelines for cochlear implantation in adults <u>Leo De Raeve</u> ⁽¹⁾ - Meredith Holcomb ⁽²⁾ - Ángel Ramos Macías ⁽³⁾ <i>(Zonhoven, Belgium ⁽¹⁾ - Miami, FL, United States ⁽²⁾ - Las Palmas, Spain ⁽³⁾)</i></p>
12:45-13:00	<p>366 - Impact of expanding eligibility criteria for cochlear implantation– A dynamic modelling study of number of cochlear implant recipients, health related quality of life and costs <u>Hugo Nijmeijer</u> ⁽¹⁾ - Hans Groenewoud ⁽¹⁾ - Wendy Huinck ⁽¹⁾ - André Goedegebure ⁽²⁾ - Emmanuel Mylanus ⁽¹⁾ - Gert Jan van der Wilt ⁽²⁾ <i>(Nijmegen, Netherlands ⁽¹⁾ - Rotterdam, Netherlands ⁽³⁾)</i></p>
13:00-14:00	Lunch
14:00-15:30	<p>Special Session MAKE LISTENING SAFE Moderator: Mark Laureyns</p>
14:00-14:15	<p>312 - “The WHO Make Listening Safe” initiative <u>Shelly Chadha</u> <i>(WHO, Geneva, Switzerland)</i></p>
14:15-14:30	<p>279 - Make Listening Safe: The ITU standards on safe listening <u>Masahito Kawamori</u> <i>(Fujisawa, Japan)</i></p>
14:30-14.45	<p>44 - When Your Life and Ears Depend Upon Hearing Protection: the Conundrum of Achieving Auditory Situation Awareness with Protection <u>John Casali</u> <i>(Blacksburg, Virginia, United States)</i></p>
14:45-15:00	<p>41 - Effects of training in ear protection use in children <u>Rachel Fraenkel</u> - Anat Kosman - Moriya Azizi - Sarah Peled - Rivkah Hasida <i>(Jerusalem, Israel)</i></p>
15.00-15:15	<p>310 - Are we sure we are protecting our ears safely? Evaluation-study of Personal Hearing Protection and Verification Procedures <u>Mark Laureyns</u> ⁽¹⁾ - I. Van Dick ⁽²⁾ - R. Hidding ⁽²⁾ - K. Vandervelden ⁽²⁾ - E. Coppens ⁽²⁾ <i>(Milan, Italy & Antwerp, Belgium ⁽¹⁾ - Antwerp, Belgium ⁽²⁾)</i></p>
15:15-15:45	SURGICAL ISSUES IN COCHLEAR IMPLANTS
15:15-15:30	<p>208 - Cochlear Implantation - soon a series of robotic processes? <u>Monika Lehnhardt-Gorjany</u> <i>(Auggen, Germany)</i></p>

15:30-15:45	267 - Intracochlear Position and Preservation of Residual Hearing Related to the Surgical Approach to the Cochlea in Cochlear Implantation <u>Emmanuel Mylanus</u> - Tim Klabbers - Floris Heutink - Wendy Huinck- Berit Verbist (Nijmegen, Netherlands)
15:45-18:15	COCHLEAR IMPLANTS – STRATEGIES AND FOLLOW-UP
15:45-16:00	331 - Cognitive measures in cochlear implant counseling and rehabilitation <u>Marre Kaandorp</u> ⁽¹⁾ - Lisanne Kok ⁽²⁾ - Cas Smits ⁽¹⁾ - Theo Goverts ⁽¹⁾ - Adriana Zekveld ⁽¹⁾ - Paul Merkus ⁽¹⁾ - Sophia Kramer ⁽¹⁾ (Amsterdam, Netherlands ⁽¹⁾ - Utrecht, Netherlands ⁽²⁾)
16:00-16:15	286 - Social relationships and social communication in adolescents with and without cochlear implants <u>Andrea Warner-Czyz</u> ⁽¹⁾ - Lyn Turkstra ⁽²⁾ - Delaney Evans ⁽¹⁾ - Meredith Scheppele ⁽¹⁾ - Stephanie Fowler ⁽¹⁾ - Stephanie Tittle ⁽¹⁾ - Julia Evans ⁽¹⁾ (Dallas, TX, United States ⁽¹⁾ - Hamilton, Canada ⁽²⁾)
16:15-16:30	432 - Borderline Candidacy: too bad for a conventional hearing aid and too good for a Cochlear Implant Iain Bruce ⁽¹⁾ - Simone Schaefer ⁽¹⁾ - Karolina Kluk-de Kort ⁽¹⁾ - Maryam Sahwan ⁽¹⁾ - Aleksandra Metryka - Martin O'Driscoll - Kerri Millward - <u>Mark Sladen</u> (Manchester, United Kingdom)
16:30-16:45	169 - Underspecified Phonological Representations in Teenagers with Cochlear Implants <u>Wouter Rijke</u> ⁽¹⁾ - Anneke Vermeulen ⁽²⁾ - Krista Willeboer ⁽³⁾ - Emmanuel Mylanus ⁽¹⁾ - Gert Jan Van der Wilt ⁽¹⁾ - Margreet Langereis ⁽⁴⁾ (Nijmegen, Netherlands ⁽¹⁾ - Apeldoorn, Netherlands ⁽²⁾ - Sint-Michielsgestel, Netherlands ⁽³⁾ - Utrecht, Netherlands ⁽⁵⁾)
16:45-17:00	458 - Identification of safety-relevant environmental sounds by cochlear implant users <u>Valeriy Shafiro</u> ⁽¹⁾ - Nathan Luzum ⁽²⁾ - Benjamin Hamel ⁽³⁾ - Michael Harris ⁽²⁾ (Chicago, IL, United States ⁽¹⁾ - Milwaukee, WI, United States ⁽²⁾ - Rochester, NY, United States ⁽³⁾)
17:00-17:15	234 - Factors affecting speech recognition performance in quiet in adults with cochlear implants <u>Wendy Huinck</u> ⁽¹⁾ - Floris Heutink ⁽¹⁾ - Willem-Jan van der Woude ⁽¹⁾ - Tamara Meulman ⁽²⁾ - Jeroen Briaire ⁽²⁾ - Johan Frijns ⁽²⁾ - Priya Vart ⁽¹⁾ - Berit Verbist ⁽¹⁾ - Emmanuel Mylanus ⁽¹⁾ (Nijmegen, Netherlands ⁽¹⁾ – Leiden, Netherlands ⁽²⁾)
17:15-17:30	417 - Place-pitch discrimination over the full electrode array <u>Coen Windmeijer</u> - Jan Dirk Biesheuvel - Peter-Paul Boermans - Jeroen Briaire - Johan Frijns (Leiden, Netherlands)
17:30-17:45	464 - A qualitative investigation of barriers and facilitators to early cochlear implantation in children <u>Amanda Hall</u> - Helen Pryce - Briony Dillon - Murette Ambler (Birmingham, United Kingdom)
17:45-18:00	287 - Tracking outcomes in pediatric cochlear implant users with exceptionalities <u>Andrea Warner-Czyz</u> - Melissa Sweeney (Dallas, TX, United States)
18:00-18:15	506 - Cochlear Implants in Deaf and Deafened Adults: A Global Consultation on Lifelong Aftercare <u>Connie Mayer</u> ⁽¹⁾ - Sue Archbold ⁽²⁾ - Leo De Raeve ⁽³⁾ - Brian Lamb ⁽⁴⁾ - Ruth Warick ⁽⁵⁾ - Darja Pajk ⁽⁶⁾ (Toronto, Canada ⁽¹⁾ - Loughborough, UK ⁽²⁾ - Zonhoven, Belgium ⁽³⁾ - Derby, UK ⁽⁴⁾ - Vancouver, British Columbia, Canada ⁽⁵⁾ - Houten, Netherlands ⁽⁶⁾)
17:00-18:30	Poster Session & refreshments

Friday, 17 June – ROOM CARMEN	
08:00-09:00	EARLY IDENTIFICATION – NOVEL TECHNIQUES AND METHODS
08:00-08:15	451 - The ear as a central spot for vital sign monitoring: A remote usability study <u>Lisa-Christin Suck</u> ⁽¹⁾ - Markus Meis ⁽¹⁾ - Alexandra Spaic ⁽²⁾ - Alisa Bader ⁽²⁾ - Michael Schulte ⁽¹⁾ (Oldenburg, Germany ⁽¹⁾ - Bayreuth, Germany ⁽²⁾)
08:15-08:30	51 - Toward the Development of a Test Battery for the Diagnosis of the Hidden Hearing Loss <u>Navid Shahnaz</u> - Charlene Chang - Ainsley Ma - Stephanie Monette - Valter Ciocca (British Columbia, Canada)
08:30-08:45	281 - A new way to assess infant hearing <u>Avinash Bala</u> - Clifford Keller - Dare Baldwin - Terry Takahashi (Eugene, OR, United States)
08:45-09:00	263 - Multiaxial localization audiometry <u>Ramon Hernandez-Villoria</u> (Caracas, Venezuela)
09:00-10:45	MILD AND UNILATERAL HEARING LOSS (1)
09:00-09:15	473 - Hearing loss in the extended high frequencies in children: <u>Srikanta Mishra</u> (Edinburg, TX, United States)
09:15-09:30	328 - Functional assessment of auditory attention in infants and young children with unilateral hearing loss: Proposal for an evaluation methodology <u>Carmela Monzillo</u> - Ilaria Patelli - Michela Zana - Giovanni Danesi (Bergamo, Italy)
09:30-09:45	156 - Early expressive vocabulary in children with mild hearing loss: a population sample of 2 year old children <u>Peter Carew</u> - Daisy Shepherd - Libby Smith - Daniela Sotomayor - Valerie Sung (Melbourne, Australia)
09:45-10:00	316 - Neural Processing and Perception of Speech in Children with Mild to Moderate Sensorineural Hearing Loss <u>Axelle Calcus</u> ⁽¹⁾ - Stuart Rosen ⁽²⁾ - Lorna Halliday ⁽³⁾ (Paris, France ⁽¹⁾ - London, UK ⁽²⁾ - Cambridge, UK ⁽³⁾)
10:00-10:15	3 - Progression and Risk Factor Analysis in Pediatric Unilateral Sensorineural Hearing Loss <u>Kelley Dodson</u> ⁽¹⁾ - Jason Barnes ⁽²⁾ - Jacob Hall ⁽¹⁾ - Jessica Kandl ⁽¹⁾ (Richmond, VA, United States ⁽¹⁾ - Rochester, MN, United States ⁽²⁾)
10:15-10:30	437 - Mild Matters: Randomised controlled trial of amplification for infants with bilateral mild hearing loss <u>Valerie Sung</u> ⁽¹⁾ - Teresa Y.C. Ching ⁽²⁾ - Libby Smith ⁽¹⁾ - Vivienne Marnane ⁽²⁾ - Alison King ⁽¹⁾ - Rachael Beswick ⁽³⁾ - Claire Iseli ⁽¹⁾ - Michelle Saetre-Turner ⁽²⁾ - Louise Martin ⁽²⁾ - Peter Carew ⁽¹⁾ (Melbourne, Australia ⁽¹⁾ - Sydney, Australia ⁽²⁾ - Brisbane, Australia ⁽³⁾)
10:30-10:45	116 - Language and auditory development of children with single-sided deafness and a cochlear implant <u>Tine Arras</u> ⁽¹⁾ - Birgit Philips ⁽²⁾ - Christian Desloovere ⁽¹⁾ - Jan Wouters ⁽¹⁾ - Astrid van Wieringen ⁽¹⁾ (Leuven, Belgium ⁽¹⁾ - Mechelen, Belgium ⁽²⁾)
10:45-11:15	Break
11:15-12:15	MILD AND UNILATERAL HEARING LOSS (2)
11:15-11:30	95 - Improving clinical management for children with mild hearing loss through audibility-based hearing aid fitting criteria <u>Elizabeth Walker</u> ⁽¹⁾ - Ryan McCreery ⁽²⁾ (Iowa City, IA, United States ⁽¹⁾ - (Omaha, NE, United States ⁽²⁾)

11:30-11:45	449 - AUDIOLISTIC: Language and environmental analysis in early intervention groups for children with mild hearing loss <u>Aline Hoeve</u> ⁽¹⁾ - Annerenée Meijer ⁽²⁾ - Ruben Benard ⁽³⁾ - Evelien Dirks ⁽⁴⁾ - Deniz Baskent ⁽¹⁾ (Groningen, Netherlands ⁽¹⁾ - Apeldoorn, Netherlands ⁽²⁾ - Zwolle, Netherlands ⁽³⁾ - Alkmaar, Netherlands ⁽⁴⁾)
11:45-12:00	361 - Rehabilitation of children with congenital unilateral conductive hearing loss <u>Martijn Agterberg</u> (Nijmegen, Netherlands)
12:00-12:15	491 - A longitudinal study of the expressive vocabulary in children with moderate hearing loss - the impact of auditory variables and early consonant production <u>Anna Persson</u> (Stockholm, Sweden)
12:15-13:00	NOISE EXPOSURE
12:15-12:30	496 - Motivational Interviewing as an Approach to Reducing the Negative Health Effects of Noise Exposure <u>Marjorie Mccullagh</u> ⁽¹⁾ - Laaura Ridge ⁽¹⁾ - Keane Trautner ⁽²⁾ - Nathan Stefanovsky ⁽¹⁾ (Ann Arbor, MI, United States ⁽¹⁾ - Holland, MI, United States ⁽²⁾)
12:30-12:45	368 - Personal music players use and other noise hazards among children 11 to 12 years of age <u>Piotr Henryk Skarzynski</u> - Weronika Swierniak - Elzbieta Gos - Natalia Czajka - Henryk Skarzynski (Warsaw, Poland)
12:45-13:00	503 - Comparison of temporary changes in hearing threshold levels and otoacoustic emission levels after short term exposure to dance music <u>Hiske W. Helleman</u> - Patrick Brienesse - Wouter A. Dreshler (Amsterdam, The Netherlands)
13:00-14:00	Lunch
14:00-15:00	USE AND DEVELOPMENT OF OTOEMISSIONS
14:00-14:15	448 - A Manifestation of Scaling Symmetry in the Fine Structure of Transient Evoked Otoacoustic Emissions <u>Oleg Belov</u> - Natalia Alekseeva - George Tavartkiladze (Moscow, Russian Federation)
14:15-14:30	488 - Evaluation of Medial Olivocochlear System Function in Individuals with Vitamin B12 Deficiency <u>Sevgi Kutlu</u> - Zehra Aydoğan - Hazan Başak - Suna Tokgöz Yılmaz (Ankara, Turkey)
14:30-14:45	495 - The efferent auditory system in young people exposed to auditory factor risks <u>Cláudia Reis</u> - Alexandre Dias - Francisco Venicio - Kelly Pires - Mircia Neves - Raquel Rodrigues - Cristina Nazaré - Carla Silva - Margarida Serrano (Coimbra, Portuga)
14:45-15:00	498 - Genetic and electrophysiological testing of children with auditory neuropathy spectrum disorder <u>Maria Lalayants</u> - Ilga Shatokchina - Vigen Bakhshinyan - Nailya Galeeva - Tatyana Markova - Oxana Ryzhkova - Alexandr Polyakov - George Tavartkiladze (Moscow, Russia)
15:00-16:00	TINNITUS
15:00-15:15	261 - A study on risk factors for tinnitus incidence and impact of newly developed tinnitus: results of the Netherlands Longitudinal Study on Hearing <u>Thadé Goderie</u> - Marieke van Wier - Cas Smits - Marieke Ter Wee - Paul Merkus - Sophia Kramer (Amsterdam, Netherlands)
15:15-15:30	357 - Prevalence of tinnitus in a sample of 43,064 children in Warsaw, Poland Danuta Raj-Koziak - <u>Piotr Henryk Skarzynski</u> - Weronika Swierniak - Elzbieta Gos - Natalia Czajka - Katarzyna Beata Cywka - Henryk Skarzynski (Warsaw, Poland)

15:30-15:45	<p>387 - Influence of tinnitus annoyance on hearing related quality of life in cochlear implant recipients <u>Kelly K.S. Assouly</u> ⁽¹⁾ - Remo Arts ⁽²⁾ - Petra L. Graham ⁽³⁾ - Robert J. Stokroos ⁽¹⁾ - Bas van Dijk ⁽²⁾ - Chris James ⁽⁴⁾ <i>(Utrecht, Netherlands ⁽¹⁾ - Mechelen, Belgium ⁽²⁾ - Sydney, Australia ⁽³⁾ - Toulouse, France ⁽⁴⁾)</i></p>
15:45-16:00	<p>388 - Sound therapy for cochlear implant users with tinnitus Jan A.A. van Heteren ⁽¹⁾ - Remo A.G.J. Arts ⁽²⁾ - Matthijs J.P. Killian ⁽¹⁾ - <u>Kelly K.S. Assouly</u> ⁽¹⁾ - Cynthia van de Wauw ⁽³⁾ - Robert J. Stokroos ⁽¹⁾ - Adriana L. Smit ⁽¹⁾ - Erwin L.J. George ⁽³⁾ <i>(Utrecht, Netherlands ⁽¹⁾ - Mechelen, Belgium ⁽²⁾ - Maastricht, Netherlands ⁽³⁾)</i></p>
16:00-17:45	<p>Special session SPEECH-IN-NOISE TESTING WITH DIGITS IN NOISE Organized by Cas Smits</p>
16:00-16:15	<p>313 - hearWHO app: a WHO effort to promote access to hearing care globally <u>Shelly Chadha</u> <i>(WHO, Geneva, Switzerland)</i></p>
16:15-16:30	<p>314 - Uses of digits in noise testing in large population studies and clinical trials <u>David Moore</u> ⁽¹⁾ - Piers Dawes ⁽²⁾ - Kevin Munro ⁽³⁾ - Anne Giersch ⁽⁴⁾ - De Wet Swanepoel ⁽⁵⁾ - Liz Noblin ⁽⁶⁾ - Michael Akeroyd ⁽⁷⁾ - William Whitmer ⁽⁷⁾ - Jeffrey Anderson ⁽⁸⁾ - Lina Motlagh Zadeh ⁽¹⁾ - Lisa Hunter ⁽¹⁾ <i>(Cincinnati, OH, United States ⁽¹⁾ - Sydney, Australia ⁽²⁾ - Manchester, UK ⁽³⁾ - Strasbourg, France ⁽⁴⁾ - Pretoria, South Africa ⁽⁵⁾ - Greece ⁽⁶⁾ - Nottingham, UK ⁽⁷⁾ - Gallatin, TN, USA ⁽⁸⁾)</i></p>
16:30-16:45	<p>309 - Digits in noise in a large cohort of older adults: associations with hearing thresholds and brain-related measures <u>André Goedegebure</u> - Nienke Homans - Stephanie Rigters - Pauline Croll - Neelke Oosterloo <i>(Rotterdam, Netherlands)</i></p>
16:45-17:00	<p>297 - Language independent hearing screening in childhood with digits and sounds in noise <u>Elien Van den Borre</u> - Sam Denys - Astrid van Wieringen - Jan Wouters <i>(Leuven, Belgium)</i></p>
17:00-17:15	<p>301 - Testing CI users with digits in noise Cas Smits <i>(Amsterdam, Netherlands)</i></p>
17:15-17:30	<p>308 - Using the digits-in-noise test to triage hearing loss types <u>Karina De Sousa</u> ⁽¹⁾ - Cas Smits ⁽²⁾ - Xinxing Fu ⁽³⁾ - Carolina Der ⁽⁴⁾ - David Moore ⁽⁵⁾ - De Wet Swanepoel ⁽¹⁾ <i>(Pretoria, South Africa ⁽¹⁾ - Amsterdam, Netherlands ⁽²⁾ - Beijing, China ⁽³⁾ - Santiago del Chile ⁽⁴⁾ - Cincinnati, IL, United States ⁽⁵⁾)</i></p>
17:30-17:45	<p>378 - Digits Triplet Test (DDT) in Cochlear Implant Users and Normal Hearing Listeners <u>Riki Taitelbaum-Swead</u> - Avital Trau Margalit - Leah Fostick <i>(Ariel, Israel)</i></p>
17:00-18:30	<p>Poster Session & refreshments</p>
17:00-17:45	<p>TECHNOLOGY UPDATE (3)</p>
17:00-17:15	<p>213 - Tasks and Duties of a Tracking Center In Screening Programs <u>Peter Böttcher</u> ⁽¹⁾ - Katrin Neumann ⁽²⁾ <i>(Path Medical, Germering, Germany ⁽¹⁾ - Westphalian Wilhelm University, Münster, Germany ⁽²⁾)</i></p>
17:15-17:30	<p>445 - Recording Otoacoustic Emissions (OAE) with Adaptive Noise Cancellation (ANC) Andre Lodwig ⁽¹⁾ - <u>Thomas Rosner</u> ⁽¹⁾ <i>Path Medical GmbH, R&D, Germering, Germany ⁽¹⁾</i></p>
17:30-17:45	<p>427 - New telematic and telemedical options in newborn hearing screening <u>Peter Matulat</u> ⁽¹⁾ - Peter Böttcher ⁽²⁾ - Prof. Dr. Katrin Neumann ⁽¹⁾ <i>Münster University Hospital (UKM), Münster, Germany ⁽¹⁾ - Path Medical, Germering, Germany ⁽²⁾</i></p>

Friday, 17 June – ROOM DON GIOVANNI	
08:00-09:30	AMPLIFICATION – TECHNOLOGIES AND STRATEGIES
08:00-08:15	397 - Active hearing aid program, self-reported listening environment, & listener satisfaction – What can we learn from smartphone collected data? <u>Charlotte Vercammen</u> ⁽¹⁾ - Ilze Oosthuizen ⁽²⁾ - Vinaya Manchaiah ⁽³⁾ - De Wet Swanepoel ⁽²⁾ (Warrington, United Kingdom ⁽¹⁾ - Pretoria, South Africa ⁽²⁾ - Beaumont, TX, United States ⁽³⁾)
08:15-08:30	469 - Individual Life-Course Socioeconomic Position and Hearing Aid Use: A Social Epidemiological Perspective on Hearing Care Disparities <u>Carrie Nieman</u> - Julie Yi - Emmanuel Garcia Morales - Joshua Betz - Lorraine Dean - Frank Lin (Baltimore, MD, United States)
08:30-08:45	456 - Smartphone-connected hearing aids for all? Results of a qualitative study underpinned by the Behaviour Change Wheel <u>Rachel Gomez Mora</u> ⁽¹⁾ - Alia Habib ⁽²⁾ - David Maidment ⁽³⁾ - Melanie Ferguson ⁽⁴⁾ (Leicester, United Kingdom ⁽¹⁾ - Reading, United Kingdom ⁽²⁾ - Loughborough, United Kingdom ⁽³⁾ - Perth, Australia ⁽⁴⁾)
08:45-09:00	284 - Leveraging Task Sharing & OTC Hearing Technology to Increase Access: Lessons from HEARS <u>Carrie Nieman</u> ⁽¹⁾ - Jonathan Suen ⁽²⁾ - Nicole Marrone ⁽²⁾ - Frank Lin ⁽¹⁾ (Baltimore, MD, United States ⁽¹⁾ - Tucson, AZ, United States ⁽²⁾)
09:00-09:15	344 - Hearing aid usage among Asian American population during the Pandemic <u>Ki Hong Ho</u> ⁽¹⁾ - Preston Ho ⁽¹⁾ - Kingston Ho ⁽¹⁾ - Joseph Hardeman ⁽¹⁾ - Sara Barnes ⁽¹⁾ - Patricia Ho ⁽¹⁾ (San Francisco, CA, United States)
09:15-09:30	233 - The Effects of Hearing Aid Experience and Gender in Terms of Amplification Satisfaction Nikolaos Trimmis - Foteini Feida - <u>Sofia Manika</u> (Patras, Greece)
09:30-10:45	IMPROVING EHCI (1)
09:30-09:45	67 - Risk of hearing loss in very preterm discordant twins <u>Paula van Dommelen</u> ⁽¹⁾ - Paul H Verkerk ⁽¹⁾ - Karin de Graaff-Korf ⁽²⁾ - Henrica LM van Straaten ⁽²⁾ (Leiden, Netherlands ⁽¹⁾ - Zwolle, Netherlands ⁽²⁾)
09:45-10:00	191 - Improved EHCI Efficiency and Adherence Through Patient Navigation: A Randomized Controlled Trial <u>Matthew Bush</u> ⁽¹⁾ - Jennifer Shinn ⁽¹⁾ - Liza Creel ⁽²⁾ - Christina Studts ⁽³⁾ (Lexington, KY, United States ⁽¹⁾ Louisville, KY, United States ⁽²⁾ - Denver, CO, United States ⁽³⁾)
10:00-10:15	256 - Testing hearing in newborns 'early' - does it make a difference to audiology process and outcome? <u>Alison Jagger</u> - Peter Carew - Melinda Barker - Kate Francis - Zeffie Poulakis (Melbourne, Australia)
10:15-10:30	247 - The relationship between permanent hearing loss risk indicators and diagnostic audiology assessment results among infants referred on a newborn hearing screen <u>Zeffie Poulakis</u> - Jonathan Hall - Alison Jagger - Peter Carew - Kate Francis - Melinda Barker (Melbourne, Australia)
10:30-10:45	490 - The contribution of automated auditory brainstem responses to newborn hearing screening <u>Daphne Ari-Even Roth</u> (Ramat Gan, Israel)
10:45-11:15	Break
11:15-12:30	IMPROVING EHCI (2)

11:15-11:30	66 - Bilateral hearing impairment after unilateral failure on hearing screening in Dutch Neonatal Intensive Care Unit graduates <u>Paula van Dommelen</u> ⁽¹⁾ - Henrica LM van Straaten ⁽²⁾ - Karin de Graaff-Korf ⁽²⁾ - Paul H Verkerk ⁽¹⁾ (Leiden, Netherlands ⁽¹⁾ - Zwolle, Netherlands ⁽²⁾)
11:30-11:45	380 - Our experience using Melatonin and Tryptophan as an inducer of spontaneous sleep in children during ABR testing <u>Natalia Molina Saiz</u> - Lidia Roig Canales - Janette Gambettola Lorenzo - Yamile Torres Romero - Anna Argelaguet Parra - Gabriela Cecilia Convertini Ortega - Maria Antonia Claveria Puig - Sara Cardelús Vidal (Esplugues del Llobregat, Spain)
11:45-12:00	352 - Organization and results of a hearing screening program in first-grade children of the Mazovian region of Poland <u>Piotr Henryk Skarzynski</u> - Weronika Swierniak - Elzbieta Gos - Natalia Czajka - Bartłomiej Król - Henryk Skarzynski (Warsaw, Poland)
12:00-12:15	185 - Improving Communication Between Hearing Screening Technologist and Nurses at CHOC Children's NICU <u>Sudeep Kukreja</u> - Terri Scraggs - Jeannette Garcia - Angela Villa - Teresa O'Sullivan (Orange, CA, United States)
12:15-12:30	406 - High frequency hearing in infants and toddlers born preterm <u>Lisa Hunter</u> - Chelsea Blankenship - David Moore (Cincinnati, OH, United States)
12:30-13:00	Lecture 461 - HOW CAN WE LEVERAGE THE WORLD REPORT ON HEARING (WHO) TO MINIMIZE THE IMPACT OF UNTREATED HEARING LOSS? <u>Mark Laureyns</u> (Milan, Italy)
13:00-14:00	Lunch
14:00-15:30	OUTCOMES OF EHCI PROGRAMS
14:00-14:15	242 - Eight-year auditory follow-up after neonatal hearing screening in well-baby clinics in the Netherlands <u>Jolien Kleinhuis</u> ⁽¹⁾ - Ruben Benard ⁽²⁾ - Karin de Graaff-Korf ⁽²⁾ - Irma van Straaten ⁽²⁾ - Paula van Dommelen ⁽³⁾ (Assen/Leeuwarden, Netherlands ⁽¹⁾ - Zwolle, Netherlands ⁽²⁾ - TNO, Statistics, Leiden, Netherlands ⁽³⁾)
14.15-14:30	56 - 19 years of the Polish Universal Neonatal Hearing Screening Program <u>Grazyna Greczka</u> - Monika Zych - Piotr Dąbrowski - Witold Szyfter (Poznań, Poland ⁽¹⁾)
14:30-14:45	492 - The Impact of the Coronavirus Pandemic on the Neonatal Hearing Screening Program in Belgium <u>Bart Van Overmeire</u> - Anja Lameir - Luc Naert - Heleen Mens - Maaïke Deschoemaeker (Brussels, Belgium)
14.45-15:00	68 - Twenty-year quality assurance of newborn hearing screening in Dutch neonatal intensive care units <u>Karin de Graaf-Korff</u> ⁽¹⁾ - Paula van Dommelen ⁽²⁾ - Sophie I Wins ⁽²⁾ - Paul H Verkerk ⁽²⁾ - Henrica LM van Straaten ⁽¹⁾ (Zwolle, Netherlands ⁽¹⁾ - Leiden, Netherlands ⁽²⁾)
15:00-15:15	409 - Universal Newborn Hearing Screening in Victoria, Australia: The Victorian Infant Hearing Screening Program Chhoun Heng Lim - Jane Sheehan - <u>Zeffie Poulakis</u> - Melinda Barker (Melbourne, Australia)
15:15-17:30	IMPROVING HEARING CARE AND SERVICES (1)
15:15-15:30	391 - Hear@work: barriers, facilitators, and opportunities to support employees with hearing loss <u>Lisette van Leeuwen</u> ⁽¹⁾ - Marieke van Wier ⁽¹⁾ - Jill Knapen ⁽²⁾ - Sophia Kramer ⁽¹⁾ (Amsterdam, Netherlands ⁽¹⁾ - Utrecht, Netherlands ⁽²⁾)

15:30-15:45	174 - Triage for adults: What tools do Audiologists need for the future? <u>Kriishan Ramdoo</u> - Adrian Davis (London, United Kingdom)
15:45-16:00	429 - Development of an outcome measure for empowerment in adults with hearing loss <u>Melanie Ferguson</u> ⁽¹⁾ - Sarah Gotowiec ⁽²⁾ - Josefina Larsson ⁽²⁾ - Paola Incerti ⁽³⁾ - Bec Bennett ⁽¹⁾ - David Andrich ⁽¹⁾ (Perth, Australia ⁽¹⁾ - Stockholm, Sweden ⁽²⁾ - Sydney, Australia ⁽³⁾)
16:00-16:15	323 - Effectiveness of TympaHealth in shortening waiting time for wax removal <u>Lisa Gurung</u> - Maral Rouhani - Arvind Singh (London, United Kingdom)
16:15-16:30	96 - Etiology, medical comorbidities and health service use of children with permanent hearing loss <u>Nadia Olivier</u> - Libby Smith - Georgia A. Paxton - Valerie Sung (Melbourne, Australia)
16:30-16:45	112 - Empowering Managers to change workplace culture for greater collaboration with maternity hospitals <u>Julie Castro</u> - Larissa Ralph - Bree Fusinato - Linda Burnett (Parkville, Australia)
16:45-17:00	101 - Severe and profound hearing loss in adults: What is best practice? <u>Bernadette Fulton</u> ⁽¹⁾ - <u>Laura Turton</u> ⁽²⁾ (Murten, Switzerland ⁽¹⁾ - Tayside, Scotland, UK ⁽²⁾)
17:00-17:15	142 - Comparison smartphone enabled video otoscope, surgical loupes and microscope for novices learning aural microsuction – is this the future for Audiologists and allied health professionals <u>Krishan Ramdoo</u> - Anushri Khetani - Rakesh Mistry - Deepak Chandrasekharan - Annakan Navaratnam - Arvind Singh - Taran Tatla (London, United Kingdom)
17:00-18:30	Poster Session & refreshments

Saturday, 18 June – ROOM AIDA	
08:00-08:45	IMPROVING HEARING CARE AND SERVICES (2)
08:00-08:15	499 - Bone conduction devices and long-term follow-up of the Bone Conduction Implant <u>Sabine Reinfeldt</u> - Måns Eeg-Olofsson - Karl-Johan Fredén Jansson - Ann-Charlotte Persson - Bo Håkansson (Gothenburg, Sweden)
08:15-08:30	500 - A cross-sectional survey of contemporary Australian audio-vestibular clinical practice for traumatic brain injury and rehabilitation <u>Bojana Šarkić</u> ⁽¹⁾ - Jacinta M. Douglas ⁽²⁾ - Andrea Simpson ⁽²⁾ (Bundoora, Victoria, Australia)
08:30-08:45	502 - 'Nobody has a caseload called, Patients with Traumatic Brain Injury': Australian audiology educators' perspectives on including traumatic brain injury in the curriculum <u>Bojana Šarkić</u> - Jacinta M. Douglas - Andrea Simpson (Bundoora, Victoria, Australia)
08:45-09:30	e- AND m-HEALTH SOLUTIONS, COMPUTATIONAL AUDIOLOGY
08:45-09:00	275 - Computational Audiology: new ways to address the global burden of hearing loss <u>Jan-Willem Wasmann</u> ⁽¹⁾ - Cris Lanting ⁽¹⁾ - Wendy Huinck ⁽¹⁾ - Emmanuel Mylanus ⁽¹⁾ - Jeroen van der Laak ⁽¹⁾ - Paul Govaerts ⁽²⁾ - De Wet Swanepoel ⁽³⁾ - David Moore ⁽⁴⁾ - Dennis Barbour ⁽⁵⁾ (Nijmegen, Netherlands ⁽¹⁾ - Antwerp, Belgium ⁽²⁾ - Pretoria, South Africa ⁽³⁾ - Cincinnati, OH, United States ⁽⁴⁾ - St. Louis, MO, United States ⁽⁵⁾)
09:00-09:15	293 - A framework of explainable artificial intelligence for adult hearing screening <u>Marta Lenatti</u> ⁽¹⁾ - Vanessa Orani ⁽²⁾ - Edoardo Maria Polo ⁽¹⁾ - Riccardo Barbieri ⁽¹⁾ - Maurizio Mongelli ⁽²⁾ - Alessia Paglialonga ⁽¹⁾ (Milan, Italy ⁽¹⁾ - Genoa, Italy ⁽²⁾)
09:15-09:30	155 - Data changes everything: Insights and lesson from large m-health audiometry datasets <u>Matthew Bromwich</u> - Amy Fraser (Ottawa, Canada)
09:30-10:45	REMOTE CARE, e- AND m-HEALTH SOLUTIONS (1)
09:30-09:45	183 - Teleaudiology Hearing Aid Services with Community Health Workers as Patient-Site Facilitators: A Feasibility Evaluation Using the RE-AIM Framework <u>Laura Coco</u> ⁽¹⁾ - Nicole Marrone ⁽²⁾ (Portland, OR, United States ⁽¹⁾ - Tucson, AZ, United States ⁽²⁾)
09:45-10:00	113 - Barriers, acceptability and uptake of an internet-delivered UK adult hearing check <u>Piers Dawes</u> ⁽¹⁾ - Kevin J. Munro ⁽²⁾ - Timothy L. Frank ⁽²⁾ - David R. Moore ⁽²⁾ - Christopher Armitage ⁽²⁾ - Antonia Marsden ⁽²⁾ - Jane Lees ⁽²⁾ - Harvey Dillon ⁽²⁾ (Brisbane, Australia ⁽¹⁾ - Manchester, United Kingdom ⁽²⁾)
10:00-10:15	411 - Introducing remote models of care into the Cochlear Implant service: The clinician and user experience <u>William Brassington</u> - Louise Craddock - Alison Riley - Gemma Mole (Birmingham, United Kingdom)
10:15-10:30	33 - mHealth supported hearing and vision services for preschool children in low-income communities <u>Susan Eksteen</u> - De Wet Swanepoel (Pretoria, South Africa)
10:30-10:45	474 - WHISPER (Widespread Hearing Impairment Screening and PrEvention of Risk): a New Platform for Early Identification of Hearing Impairment and Cognitive Decline <u>Alessia Paglialonga</u> ⁽¹⁾ - Marta Lenatti ⁽¹⁾ - Edoardo Maria Polo ⁽²⁾ - Martina Paolini ⁽¹⁾ - Lorenzo Petrella ⁽¹⁾ - Maximiliano Mollura ⁽¹⁾ - Riccardo Barbieri ⁽¹⁾ (Milan, Italy ⁽¹⁾ - Rome, Italy ⁽²⁾)

10:45-11:15	Break
11:15-13:00	REMOTE CARE, e- AND m-HEALTH SOLUTIONS (2)
11:15-11:30	493 - Validation of an internet-based digit-in-noise hearing screening test <u>Alicja Malicka</u> ⁽¹⁾ - Jutta Hau ⁽¹⁾ - Kayley Lowe ⁽¹⁾ - Laura Eaton ⁽¹⁾ - Jessica Thomas ⁽¹⁾ - Hanna Guest ⁽²⁾ - Karolina Kluk ⁽²⁾ - Wai Ling Leung ⁽¹⁾ (Melbourne, Australia ⁽¹⁾ - Manchester, United Kingdom ⁽²⁾)
11:30-11:45	400 - Hearing Healthcare for all: utilizing mHealth and mobile platforms to eradicate inequality in access to hearing services across the world <u>Tunde Oremule</u> - Gabrielle Saunders - Karolina Kluk - Jaya Nichani - Adam Walker - Simone Schaefer - Iain Bruce (Manchester, United Kingdom)
11:45-12:00	172 - Studying the auditory ecology of older people using the mobile smartphone-based system oMEGA <u>Elisabeth Ingo</u> ⁽¹⁾ - Petra von Gablenz ⁽²⁾ - Joerg Bitzer ⁽²⁾ - Valerie Hazan ⁽³⁾ - Inga Holube ⁽²⁾ (Linköping, Sweden ⁽¹⁾ - Oldenburg, Germany ⁽²⁾ - London, United Kingdom ⁽³⁾)
12:00-12:15	362 - Administering language assessments to Paediatric Cochlear Implant patients via Telehealth; an evaluation <u>Sophie Williams</u> - Helen Peebles - Elizabeth Hamilton (Bradford, United Kingdom)
12:15-12:30	428 - Assessments in The Cloud: Integrating digital technologies into the cochlear implant clinic using implementation science Cathy Sucher - Bec Bennett - Lize Coetzee - Angela Liew - <u>Melanie Ferguson</u> (Perth, Australia)
12:30-12:45	190 - Game-based hearing screening tool for children <u>Tron Vedul Tronstad</u> - Jon Øygarden (Trondheim, Norway)
12:45-13:00	392 - Web- and App-Based Tools for Remote Hearing Assessment: A Scoping Review <u>Ibrahim Almufarrij</u> ⁽¹⁾ - Harvey Dillon ⁽¹⁾ - Piers Dawes ⁽¹⁾ - David R Moore ⁽¹⁾ - Wai Yenug ⁽¹⁾ - Anna-Pavlina Charalambous ⁽²⁾ - Chryssoula Thodi ⁽²⁾ - Michael Stone ⁽¹⁾ - Kevin J Munro ⁽¹⁾ (Manchester, United Kingdom ⁽¹⁾ - Nicosia, Cyprus ⁽²⁾)
13.30	End of congress

Saturday, 18 June – ROOM BOHEME

08:00-08:45	HEARING CARE IN LOW AND MIDDLE-INCOME AREAS
08:00-08:15	205 - Development and Implementation of National Strategic Plans for Ear and Hearing care in Low and Middle-income Countries; the Starkey Hearing Foundation (SHF) approach in a dozen countries <u>Lugman Lawal</u> ⁽¹⁾ - Titus Ibekwe ⁽²⁾ - Isaac Macharia ⁽³⁾ - Wakisa Mulwafu ⁽⁴⁾ - Kaitesi Mukara ⁽⁵⁾ (Ede Prairie, MN, United States ⁽¹⁾ - Abuja, Nigeria ⁽²⁾ - Nairobi, Kenya ⁽³⁾ - Blantyre, Malawi ⁽⁴⁾ - Kigali, Rwanda ⁽⁵⁾)
08:15-08:30	98 - Training on Ear and Hearing Care for Community Health Workers: CBM field testing of World Health Organisation resources in India <u>Diego Santana-Hernandez</u> (Bensenheim, Germany)

08:30-08:45	209 - Early Intervention - New Programme in Kyrgyztan Monika Lehnhardt-Gorjany ⁽¹⁾ - Peter Zoth ⁽²⁾ - Shirin Zhumabaeva ⁽³⁾ (Auggen, Germany ⁽¹⁾ - Gilching, Germany ⁽²⁾ - Bishkek, Kirgistan ⁽³⁾)
08:45-10:30	ADVANCES IN AUDITORY EVOKED RESPONSES
08:45-09:00	276 - Speech Induced Binaural Beats in Free Field: Electrophysiological Assessment of Binaural Interaction Andreas Schroeer ⁽¹⁾ - Farah I Corona-Strauss ⁽¹⁾ - Ozcan Ozdamar ⁽²⁾ - Jorge Bohorquez ⁽²⁾ - Daniel J Strauss ⁽¹⁾ (Saarbrücken, Germany ⁽¹⁾ - Miami, FL, United States ⁽²⁾)
09:00-09:15	376 - Measuring earlier components of auditory brainstem responses from modified speech Tzu-Han Zoe Cheng ⁽¹⁾ - Paul Calamia ⁽²⁾ La Jolla, CA, United States ⁽¹⁾ - Redmond, OR, United States ⁽²⁾
09:15-09:30	244 - Bone conduction ABR stimulus level corrections in babies at 4 kHz Inga Ferm (Croydon, United Kingdom)
09:30-09:45	375 - A novel approach to measure speech-derived ABR: Comparison between Cz and in-ear TipTrove using click and speech sound Tzu-Han Zoe Cheng ⁽¹⁾ - Paul Calamia ⁽²⁾ (La Jolla, CA, United States ⁽¹⁾ - Redmond, OR, United States ⁽²⁾)
09:45-10:00	370 - Registration of Auditory Steady State Response of the Brain in a Free Sound Field in Young Children Dzhamol Kholmatov - Zarina Ahrorova - Farzona Adilova (Dushanbe, Tajikistan)
10:00-10:15	121 - Automated auditory brainstem response - pilot screening program in three NICU units in Poland Grazyna Greczka ⁽¹⁾ - Monika Zych ⁽¹⁾ - Katarzyna Wróblewska-Seniuk ⁽¹⁾ - Beata Tomczyk ⁽²⁾ - Ilona Korczak ⁽³⁾ - Piotr Dąbrowski ⁽¹⁾ - Witold Szyfter ⁽¹⁾ (Poznań, Poland ⁽¹⁾ - Szczecin, Poland ⁽²⁾ Wrocław, Poland ⁽³⁾)
10:15-10:30	431 - Shielding apparatus for reduction of ABR artifact when using the B250 transducer Karl-Johan Fredén Jansson - Bo Håkansson - Thomas Rylander - Sabine Reinfeldt (Gothenburg, Sweden)
10:45-11:15	Break
11:15-12:00	INTERVENTION AND REHABILITATION STRATEGIES AND METHODS
11:15-11:30	426 - Defining client-centred outcomes to demonstrate success of hearing rehabilitation in the Australian Hearing Services Program Melanie A Ferguson ⁽¹⁾ - David Allen ⁽²⁾ - Louise Hickson ⁽³⁾ (Perth, Australia ⁽¹⁾ - Sydney, Australia ⁽²⁾ - Brisbane, Australia ⁽³⁾)
11:30-11:45	379 - Short term reliability of the Dutch Test for (Audio-) Visual Speech Perception on word and sentence level Nele Baudonck - Dorien Ceuleers - Hannah Keppler - Ingeborg Dhooge - Esther Hemelaer - Emma Vandecapelle - Sofie Degeest (Ghent, Belgium)
11:45-12:00	99 - Validation and cognitive contributions to a listening training paradigm Mira Van Wilderode - Nathan Van Humbeeck - Ralf Krampe - Astrid van Wieringen (Leuven, Belgium)
13.30	End of congress

Saturday, 18 June – ROOM CARMEN	
08:00-10:15	PATIENT PERSPECTIVE
08:00-08:15	89 - It's a family thing: Authentic ways to effectively involve communication partners in appointments <u>Cherilee Rutherford</u> (Naerum, Denmark)
08:15-08:30	90 - My Hearing Explained – Describing hearing test results in person-centered ways <u>Cherilee Rutherford</u> ⁽¹⁾ - <u>Priya Carling</u> ⁽²⁾ (Naerum, Denmark ⁽¹⁾ - Kings Hill, United Kingdom ⁽²⁾)
08:30-08.45	219 - Journey in and from the silence <u>Darja Paik</u> (Houten, Netherlands)
08:45-09:00	345 - Hearing Aids Reimbursement systems in Europe- can we do better supporting people with hearing loss? – “we are not walking audiograms!” <u>Lidia Best</u> (London, United Kingdom)
09:00-09:15	415 - Accessible communication campaign on prevention, well-being and health for deaf people. Results and future prospects <u>Amir Zuccalà</u> (Rome, Italy)
09:15-09:30	396 - Advocacy action by family and user groups to influence global public health policies on hearing care <u>Sue Archbold</u> ⁽¹⁾ - <u>Brian Lamb</u> ⁽²⁾ (Loughborough, United Kingdom ⁽¹⁾ - Derby, United Kingdom ⁽²⁾)
09:30-09:45	2 - Social support and social connectedness - how tinnitus support groups work <u>Helen Pryce</u> - <u>Rachel Shaw</u> - <u>Tiago Moutela</u> (Birmingham, United Kingdom)
09:45-10:00	476 - Priorities in hearing – Towards a common goal <u>Robert MacKinnon</u> ⁽¹⁾ - <u>Chris Sumner</u> ⁽²⁾ - <u>Antje Heinrich</u> ⁽³⁾ (Cambridge, United Kingdom ⁽¹⁾ - Nottingham, United Kingdom ⁽²⁾ - Manchester, United Kingdom ⁽³⁾)
10:45-11:15	Break
13.30	End of congress

Saturday, 18 June – ROOM DON GIOVANNI	
08:00-09:45	FAMILY PERSPECTIVES
08:00-08:15	46 - Mild matters: insights into the conundrums of managing mild congenital hearing loss (parent perspective) <u>Jing Jing Lin</u> ⁽¹⁾ - <u>Valerie Sung</u> ⁽¹⁾ - <u>Lynn Gillam</u> ⁽¹⁾ - <u>Libby Smith</u> ⁽¹⁾ - <u>Peter Carew</u> ⁽¹⁾ - <u>Alison King</u> ⁽¹⁾ - <u>Teresa Ching</u> ⁽²⁾ (Melbourne, Australia ⁽¹⁾ - Sydney, Australia ⁽²⁾)
08:15-08:30	384 - “Hope for the best, prepare for the worst”: Exploring Parent Support Needs during the Newborn Hearing Diagnosis Pathway <u>Kayla Elliott</u> - <u>Danya Vears</u> - <u>Valerie Sung</u> - <u>Zeffie Poulakis</u> - <u>Jane Sheehan</u> (Melbourne, Australia)

08:30-08:45	152 - Parent-reported quality of life outcomes in children with hearing loss diagnosed under different systems of congenital hearing loss detection <u>Whitney Qian</u> - Daisy Shepherd - Zeffie Poulakis - Melissa Wake - Valerie Sung - Libby Smith - Peter Carew (Melbourne, Australia)
08:45-09:00	277 - Do we consider the importance of the first 1000 days of life? <u>Valerija Evetovic</u> ⁽¹⁾ - Gianluca Bellocchi ⁽¹⁾ - Maria Lauriello ⁽²⁾ (Rome, Italy ⁽¹⁾ - L'Aquila, Italy ⁽²⁾)
09:00-09:15	441 - Impacts of the COVID-19 pandemic on the wellbeing of deaf and hard of hearing children and their parents Alanna Gillespie - Daisy A. Shepherd - Libby Smith - <u>Valerie Sung</u> (Melbourne, Australia)
09:15-09:30	438 - Accessing hearing-health services for deaf and hard-of-hearing children during the COVID-19 pandemic: parent and child perspectives <u>Ahmed Ibrahim Mardinli</u> ⁽¹⁾ - Rona Weerasuriya ⁽²⁾ - Alanna Gillespie ⁽¹⁾ - Libby Smith ⁽¹⁾ - Valerie Sung ⁽¹⁾ (Melbourne, Australia ⁽¹⁾ - Sydney, Australia ⁽²⁾)
09:30-09:45	1 - Parental decision making for unilateral hearing loss <u>Saira Hussain</u> ⁽¹⁾ - Helen Pryce ⁽¹⁾ - Amy Jauncy ⁽²⁾ - Amanda Hall ⁽¹⁾ (Birmingham, United Kingdom ⁽¹⁾ - Cambridge, United Kingdom ⁽²⁾)
09:45-10:45	FAMILY EMPOWERMENT (1)
09:45-10:00	401 - Shared reading habits in children with normal hearing and children with hearing loss (0-3 years): results of a fact-finding survey <u>Michela Maria Dossi</u> ⁽¹⁾ - Maria Filippa Attardo ⁽¹⁾ - Francesca Boffi ⁽²⁾ - Eliana Cristofari ⁽¹⁾ (Varese, Italy ⁽¹⁾ - Pavia, Italy ⁽²⁾)
10:00-10:15	111 - What matters to you? Person centered care when transitioning families from universal newborn hearing screening programs to audiology services <u>Julie Castro</u> (Parkville, Australia)
10:15-10:30	224 - The CARE Project Family Retreat National Initiative: New Opportunities for Family Engagement Johnnie Sexton - <u>Patti Martin</u> (Raleigh, NC, United States)
10:30-10:45	109 - Anxiety level in parents of children with hearing impairment of preschool and early school age <u>Mina Nikolić</u> - Sanja Ostojić-Zeljko (Belgrade, Serbia)
10:45-11:15	Break
11:15-12:45	FAMILY EMPOWERMENT (2)
11:15-11:30	504 - To tell or not to tell? The stigma experiences of adults with hearing impairment and their families <u>Barbra Timmer</u> ⁽¹⁾ - Louise Hickson ⁽¹⁾ - Katie Ekberg ⁽¹⁾ - Nerina Scarinci ⁽¹⁾ - Carly Meyer ⁽²⁾ - Monique Waite ⁽¹⁾ - Mansoureh Nickbakht ⁽¹⁾ (Brisbane, Australia ⁽¹⁾ - London, United Kingdom ⁽³⁾)
11:30-11:45	371 - Family Empowerment through Digital Storytelling <u>Michelle Christie</u> (Los Angeles, CA, United States)
11:45-12:00	356 - The accuracy of parental suspicion of hearing loss in children <u>Piotr Henryk Skarzynski</u> - Weronika Swierniak - Elzbieta Gos - Natalia Czajka - Krzysztof Kochanek - Henryk Skarzynski (Warsaw, Poland)
12:00-12:15	255 - The parents' reaction to the communication of the result in the first level of the OAEs: Importance of the doctor-patient dyad <u>Valerija Evetovic</u> - Gianluca Bellocchi - Mauro Calvani (Rome, Italy)

12:15-12:30	383 - Supporting Families of Children with Hearing Loss: What Parents Want from their Audiologist <u>Dave Gordey</u> (Toronto, Canada)
13.30	End of congress