

XXXV World Congress of Audiology

19-22 April 2020, Warsaw, Poland

20 April 2020, Monday

Warsaw Marriott Hotel, Warsaw

Room: **BALLROOM AB**

7:45 – 8:55 Oral Presentations OP-01

Pediatric Audiology

7:45-7:53 Wenxi GU - A Prospective Study of Simultaneous Bilateral Cochlear Implantation for Children of Early Age

7:55-8:03 Gaziz Tufatulin - Additional disabilities in children with sensorineural hearing loss

8:05-8:13 Sujita Kanthan - Can we predict the probability of a successful audiological evaluation in children with suspected autism?

8:15-8:23 Zhihua ZHANG - Correlational analysis between radiological and audiological features in patients with enlarged vestibular aqueduct

8:25-8:33 Elina Mäki-Torkko - Impact of congenital or early acquired unilateral hearing impairment on children - Current knowledge and a need to learn more

8:35-8:43 King Chung - Is there a need for Country/Race-Based Average RECDs?

8:45-8:53 Ranjith Rajeswaran - Relationship between eABR and Communication outcomes in subjects with Auditory Brainstem Implant

11:00 - 11:30 Keynote Lecture KL-01

Noise and organic solvents – challenges for prevention of occupational hearing loss

Mariola Śliwińska-Kowalska

11:40 – 13:10 Panel Discussion PD-02

ECoChG

Chairman: John Durrant

Panelists: Andy Beynon, John Ferraro (in absentia), Martin Walger

13:10 – 14:00 Lunch

14:00 – 14:30 Keynote Lecture KL-05

The Impact of Binaural Hearing in Complex Listening Situations on Children's Verbal Cognition

Leo De Raeve

14:40 – 15:10 Panel Discussion PD-05

Standard of Care (Delfi)

Chairman: Piotr H. Skarżyński

15:20 – 16:30 Oral Presentations OP-04

Telemedicine in Audiology

15:30-15:38 Laura Coco - CONEXIONES: Community Health Worker-supported teleaudiology, a strategy to minimize barriers to hearing health care

15:40-15:48 Husmita Ratanjee-Vanmali - Patient uptake, experience and satisfaction using online and face-to-face hearing health services

15:50-15:58 Jean Anne Schnittker - The Evolution of Phonak Remote Support

16:00-16:08 Lisa Sjolander - Clinic or home, does remote fine tuning versus in clinic follow up impact patient outcomes

16:10-16:18 Milijana Malmberg - Experiences of an Internet-based aural rehabilitation (IAR) program for hearing aid users: a qualitative study

16:20-16:28 Ümit Can Çetinkaya - Turkish number test in noise mobile application development and evaluation of its effectiveness

16:40 – 18:00

Panel Discussion PD-09

Drug Delivering and Cochlear Implants

Chairman: Manuel Manrique

Panelists: Clause Jolly, tbc

Room: **BALLROOM CD**

7:45 – 8:45 Special Session SPC-02

Make Listening Safe

Chairman: Mark Laureyns

Panelists:

Shelly Chadha (WHO) - The WHO “Make Listening Safe” initiative

Mark Laureyns (AEA-ITU) - The new WHO/ITU standards on safe listening

Mariola Śliwińska-Kowalska - Hearing loss affected population and Noise Exposure Assessment

Framework - EVOTION

Mark Laureyns (AEA – WHF) - Are we sure we are protecting our ears safely?

9:00 – 10:30 Round Table RT-01

Audiological Aspects of Different Hearing Implants

Chairman: Henryk Skarżyński

Room: **BALLROOM C**

11:00 - 11:30 Keynote Lecture KL-02

A New Lancet Commission on Global Hearing Loss: Plan and Initial Results

Blake Wilson

11:40 – 13:10 Oral Presentations OP-03

Genetic factors of HL

11:40-11:48 Tatiana Markova - Mild-to-moderate hearing loss caused by STRC gene mutations in Russia

11:50-11:58 Aleksandra Kostrzyńska-Szugajew - Genetic variation in STRC as a major contributor to development of mild-to-moderate hearing loss

12:00-12:08 George Tavartkiladze - Audiological features of hereditary auditory neuropathy spectrum disorder

12:10-12:18 Sandrine Marlin - ATP1A3 gene is responsible for isolated and syndromic auditory neuropathy (CAPOS syndrome)

12:20-12:28 Sandrine Marlin - Genetic epidemiology of auditory neuropathy

12:30-12:38 Dominika Oziębło - Genetic heterogeneity of hearing loss causes in cochlear-implanted children

12:40-12:48 Monika Ołdak - Genetic background in patients with autosomal dominant hearing loss

12:50-12:58 Anna Sarosiak - Gentamicin-induced hair cell death in zebrafish – preliminary studies on the development of zebrafish model for hearing loss

13:00-13:08 Małgorzata Buksińska - Hearing loss in Turner syndrome

14:00 – 14:30 Keynote Lecture KL-06

The Voice of a Cochlear Implant

Michael Dorman

13:10 – 14:00 Lunch

14:40 – 16:10 Panel Discussion PD-06

Audiological Results of ABI

Chairman: Artur Lorens

Panelists: Manuel Manrique, Ranjith Rajeswaran, Marek Polak

16:20 – 18:00 Special Session SPC-03 **IERASG**

The Brain Listening Through the Evoked-Response-Audiometry Looking Glass I

Chairman: Andy Beynon

Panelists: IERASG Council members

Room: **BALLROOM D**

11:00 - 11:30 Keynote Lecture KL-03

Towards a Personalized Medicine Based on Genomic Diagnostic Tools

Manuel Manrique

11:40 – 13:10 Panel Discussion PD-03

Asymmetric Hearing Loss in Children: Assessment and Rehabilitation

Chairman: Antonio della Volpe

Panelists: Eva Orzan, Artur Lorens,

13:10 – 14:00 Lunch

14:00 – 14:30 Keynote Lecture KL-07

Amplification Solutions Beyond Conventional Hearing Aids

Jürgen Kießling

14:40 – 16:10 Panel Discussion PD-07

EABR in Cochlear Implantation and Neurotology

Chairmen: Andy Beynon & Hao Wu

Panelists:

Yong FU - EABR in the malformation of inner ear for paediatric patient

Hao WU - EABR in Auditory Brainstem Implantation

Suijun CHEN - Intra-operative EABR monitoring during the Acoustic Neurinoma surgery

Line WANG - The EABR,EMLR,ELLR characteristics of guinea pig

Andy Beynon - Electrically Evoked Auditory Brainstem Responses in Children With Sequential Bilateral Cochlear Implants

16:20 – 18:00 Special Session SPC-04 **WHO**

Hearing for Life: Recommendations from the World Report on Hearing

Chair persons: Shelly Chadha & George Tavartkiladze

Speakers:

Shelly Chadha - WHO actions and activities: an overview

George Tavartkiladze - The World Hearing Forum: purpose and direction

Diego Santana - World Report on Hearing: purpose and relevance

Catherine McMahon - World Report on Hearing: key messages and dissemination

Mark Laureyns - Make Listening Safe: purpose and strategies

Julie Ligeti - Champions - the importance of role models in raising the global importance of hearing care

Room: **BALLROOM EF**

7:45 – 9:05 Oral Presentations OP-02

Tinnitus

7:45-7:53 Weronika Świerniak - Change of tinnitus perception after cochlear implantation according to Skarzynski Tinnitus Scale (STS) questionnaire

7:55-8:03 Laure Jacquemin - Effects of High Definition transcranial Direct Current Stimulation (HD tDCS)

8:05-8:13 Vinaya Manchaiah - Internet-based Cognitive Behavioral Therapy (ICBT) for tinnitus in the U.S.

Detailed Program 20 April 2020 – tentative (28/02/2020)

8:15-8:23 Emilie Cardon - Late Auditory Evoked Potentials in Chronic Subjective Tinnitus Patients: A Systematic Review and Meta-analysis

8:25-8:33 Magdalena Sereda - Neuromodulation (desynchronisation) for tinnitus in adults: a Cochrane review

8:35-8:43 Tomasz Wolak - Real-time fMRI neurofeedback - a promising tool for treating tinnitus.

8:45-8:53 Maria Boboshko - The effectiveness of ZEN-tones in hearing impaired patients with tinnitus

8:55-9:03 Bahar Baba - The Turkish Validation of Skarzynski Tinnitus Scala

11:00 - 11:30 Keynote Lecture KL-04

Gaps in Noise Test: Findings in Neurologically Based Central Auditory Disorders

Frank Musiek

11:40 – 13:10 Panel Discussion DP-04

Ecologic Momentary Assessment (EMA)

Chairman: Sophia Kramer

Panelists: Graham Naylor, Inga Holube, Louise Hickson

13:10 – 14:00 Lunch

14:00 – 14:30 Keynote Lecture KL-08

Psychophysical Measures of Inner Hair Cell Function

Vinay Swarnalatha Nagaraj

14:40 – 16:10 Panel Discussion PD-08

Clinical Utility of Genetic Testing in Hearing Loss

Chairman: Monika Otdak

Panelists: Hannie Kremer, Sandrine Marlin, Lisbeth Tranebjaerg

16:20 – 18:00 Oral Presentations OP-05

Hearing Impairment in a Society

16:20-16:38 Robert Mandara - Sow the seeds. Bring in the harvest

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- 16:40-16:48 Christian Löfvenberg - Severe-to-profound hearing loss in Sweden; prevalence, audiological rehabilitation including cochlear implant and quality of life
- 16:50-16:58 Krzysztof Morawski - Worldwide Prevalence of Hearing Loss Among Smartphone Users: Cross-Sectional Study Using a Mobile-Based App
- 17:00-17:08 Dieudonné Kolot - General state of audiology services in Cameroon the case of the NCRPD (abbreviated in French CNRPH)
- 17:10-17:18 Malgorzata Zgoda - Factors influencing mainstream or special educational placement among Polish children with cochlear implants
- 17:20-17:28 Ntsako Maluleke - School readiness and academic achievement of children who are deaf and hard of hearing in South Africa
- 17:30-17:38 Joanna Kobosko - Self-acceptance of deaf persons and the subjective assessment of benefits and satisfaction with a cochlear implant in adults with prelingual deafness
- 17:40-17:48 Iana Shcherbakova - Quality of life and psychological health in adults with acquired single-sided deafness
- 17:50-17:58 Ena Nielsen - It's a family thing: Authentic ways to effectively involve communication partners in appointments
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Room: **KOMETA**

7:45 – 8:45 Panel Discussion PD-01

New Concepts of Outcome Measures after Hearing Implantation

Chairman: Artur Lorens

Panelists: Andy Beynon, Ad Snik, Sophia Kramer, Adam Walkowiak, Marek Polak

16:40 – 18:00 Oral Presentations OP-06

Psychometric Measures

16:40-16:48 Ellen Andries - Health Utilities Index Outcomes in Older Cochlear Implant Recipients

16:50-16:58 Javier Gavilán - HEARRING utility

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- 17:00-17:08 Inga Holube - EMA – method, experiences, potentials, and challenges
- 17:10-17:18 Elin Karlsson - Validation of the Brief ICF core set for hearing loss
- 17:20-17:28 Yuan Chen - Is lexical tone information important for comprehension at sentence level for Cantonese speakers with normal hearing?
- 17:30-17:38 Ahmadreza Nazeri - Iranian Version of Speech, Spatial, and Qualities of Hearing Scale: A Psychometric Study
- 17:40-17:48 Merve Meral - Effect of noise on speech comprehension and cognitive skills by ages
- 17:50-17:58 Nuzhat Sultana - Analysis of Natural Language Input: Quantity, Styles and Contextual Factors in Preschool Children with and without Hearing Loss
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Room: **WAWEL**

11:40 – 12:40 Snapshot ePoster Presentations S-01

Cochlear Implants

- 11:40-11:42 Agnieszka Pluta - Theory-of-mind development in prelingually deafened children (of hearing parents) with cochlear implants.
- 11:44-11:46 Andreas Björnsne - A long-term follow up of children receiving ECAP-based programmed CI – do they benefit from a behavioral based MAP?
- 11:48-11:50 Busra Yilanli - Early Intervention: Music Training Program for Children with Cochlear Implant
- 11:52-11:54 Catherine Sucher - Do cochlear implant outcomes differ within hearing loss configurations over time?
- 11:56-11:58 David Kechyan - The threshold dynamics of the auditory nerve electrically evoked compound action potential in implanted children
- 12:00-12:02 Ellen Andries - Quality of Life in Older Cochlear Implant Recipients
- 12:04-12:06 Jakub Zygałto - Cochlear implantation in Cogan's syndrome - a literature review
- 12:08-12:10 Jane Brew - Expert Subjective Assessment of Singing in Children Who Use Cochlear Implants
- 12:12-12:14 JIA Huan - Could Otological Robot bring changes to cochlear implantation? Technique report of robotic-assisted electrode array insertion
- 12:16-12:18 Julie Purdy - Using Remote Technology for Intraoperative Monitoring During
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Cochlear Implantation

12:20-12:22 Marek Porowski - Cochlear implants surgery in congenital middle and inner ear malformations in children.

12:24-12:26 Paulina Paluch - Auditory cortical maturation in the group of congenitally deaf Polish children implanted before 2.5 years of age

12:28-12:30 Vigen Bakhshinyan - NRT based innovative rehabilitation approaches in CI patients

12:32-12:34 Xueyuan Zhang - Maturation in auditory event-related potentials explains variation in auditory and speech outcomes after CI in prelingually deafness children

14:40 – 15:40 Snapshot ePoster Presentations S-02

ME & BC

16:40-16:42 Elin Bergius - Benefit of higher maximum force output in bone anchored hearing systems - performance and preference

16:44-16:46 Johanna Westerberg - Cholesteatoma surgery with the canal wall up and obliteration: clinical evaluation and self-reported benefit with the Glasgow Benefit Inventory

16:48-16:50 Julie Purdy - Optimizing Bone Conduction Sound Processor Fittings: Manufacturer Formulas vs Direct Programming

16:52-16:54 Julie Purdy - Insights into Fitting a BAHA SoundArc on a Diverse Pediatric Population

16:56-16:58 Jun Young Lee - Factor Analysis related to Hearing After Mastoidectomy with Type I Tympanoplasty

17:00-17:02 Ka Yung Yoon - Long term results of bone-conduction hearing implant in unilateral hearing loss patients.

17:04-17:06 Lan Lan - The role of bone conduction and air conduction word recognition score in assessing the hearing function of congenital microtia

17:08-17:10 Łukasz Plichta - Chronic otitis media - is it more aggressive in children than in adults? Analysis of titanium PORP and TORP canal wall up tympanoplasties.

17:12-17:14 Maciej Mrowka - Congenital cholesteatoma in children - case presentations.

17:16-17:18 Maciej Mrowka - Application of Vibrant Soundbridge in hearing restoration after modified radical mastoidectomies in children.

17:20-17:22 Mariia Markova - Kosten syndrome in children

17:24-17:26 Merve Torun Topçu - Bone-anchored hearing implants: surgical and audiological comparison of punch and linear incision without subcutaneous tissue removal techniques

17:28-17:30 Sebastian Górski - Partial or total replacement prosthesis after modified radical mastoidectomy

17:30-17:32 Özlem Konukseven - Diagnosis and rehabilitation of vestibular hypofunction by galvanic current

Room: **SAWA**

13:10 – 14:00 **Open Meeting for the Affiliated Societies and their members**
