## CI2017 PEDIATRIC SCIENTIFIC PROGRAM SCHEDULE

### WEDNESDAY, JULY 26, 2017

<table>
<thead>
<tr>
<th>TIME</th>
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<tbody>
<tr>
<td>12:00 PM</td>
<td>IND01</td>
<td>MED-EL: Bone Conduction System Solutions</td>
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<tr>
<td>2:00 PM</td>
<td>IND02</td>
<td>Cochlear: Performance by Design</td>
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<tr>
<td>4:00 PM</td>
<td>IND03</td>
<td>AB/Phonak: Complete Solution</td>
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### THURSDAY, JULY 27, 2017

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<tr>
<td>10:40 AM</td>
<td>COF01</td>
<td>Coffee Break</td>
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<tr>
<td>10:50 AM</td>
<td>S1-1</td>
<td>Panel: Music: Can We Improve Pitch Perception in CI Users?</td>
<td>Moderator: Kate Gießler, PhD</td>
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<tr>
<td>11:40 AM</td>
<td>S1-2</td>
<td>Medical / Surgical / Devices</td>
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<tr>
<td>11:40 AM</td>
<td>S1-3</td>
<td>Education</td>
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<tr>
<td>1:00 PM</td>
<td>LUN01</td>
<td>Lunch with Exhibitors</td>
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<tr>
<td>1:50 PM</td>
<td>S2-1</td>
<td>Audiology / Music</td>
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<tr>
<td>1:55 PM</td>
<td>S2-2</td>
<td>Panel: Indications: Implantation in children with single-sided deafness</td>
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<td>2:50 PM</td>
<td>S2-3</td>
<td>Rehabilitation</td>
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**Time Table with Additional Details**

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Sequential Bilateral Cochlear Implantation in Children - Minimal Auditory Skills Development Expected According To Hearing Stimulation And Delay Between The Two Cochlear Implants

Mélanie Laferrière, M.O.A.

Cochlear Implantation in Children with Borderline Hearing Loss
Eunyoung Na, MSc, PhD (c)

2:40 PM - 2:49 PM Medical / Surgical
Outcomes of Pediatric Cochlear Implantation in Single-Sided Deafness or very Asymmetrical Hearing Loss
Karyn Galvin, PhD

2:49 PM - 2:58 PM Expanding Indications for Cochlear Implantation: Single-Sided Deafness
Harold Pilsbury, MD

2:58 PM - 3:07 PM Effects Of Steroid Application With A Cochlear Catheter On Impedances And Electrically Evoked Compound Action Potentials After Cochlea Implantation
Lutz Gaertner, PhD

3:07 PM - 3:16 PM Predictors Of Round Window Visibility In Cochlear Implantation With Temporal Bone High Resolution Tomography
Shu Ping Sun, MD, PhD

3:16 PM - 3:25 PM Insertion Depth Angle Prediction Accuracy for Cochlear Implant Electrode Array Selection
Wilhelm Wimmer, PhD

3:25 PM - 3:35 PM S5-2 GBA

3:35 PM - 4:00 PM Poster Highlights
Language sampling practices with children who are Deaf and Hard of Hearing
Meghan Shahnan, B.S.

Intraoperative electrodcoeography (EOcGs) in response to acoustic stimulus using the cochlear implant electrode array and post-activation speech outcomes.
Robert T. Dwyer, AuD

Attention to infant-directed speech in deaf infants with cochlear implants
Yiyaun Wang, Ph.D.

Evaluation Of An Automatic System To Record And Analyze Electrically Evoked Compound Action Potentials
Lutz Gaertner, PhD

Music Training Improves Pitch Perception in Prelingually Deafened Children With Cochlear Implants
Lieber P. I., MD, PhD

LONG TERM CROSS-MODAL PLASTICITY IN AUDITORY AND VISUAL SENSORY CORTEXES AFTER HEARING DEPRIVATION IN THE ADULT RAT
Mariany Pernia

Gene therapy restores hearing function in a mouse model of genetic hearing loss
Kyu-Yup Lee, PhD, MD

Influences of Working Memory on Hearing Abilities in Cochlear Implant Users
Hanna Boenitz, M.Sc.

4:00 PM - 4:30 PM S3-3 Panel: Outcomes: Neurocognitive factors in hearing restoration in deaf children

4:30 PM - 4:40 PM Poster Highlights
Semantics: Development in Elementary School-Age Hearing Impaired Children with Cochlear Implants and/or Hearing Aids Compared to Children with Typical Hearing
Deena Wechsler-Kashi, Ph.D.

Binodal Ear to Ear Audio Streaming: Speech Understanding Advantages in Complex Listening Situations
Sarah Downing, M.S., CCC-A

The Natural History and Rehabilitative Outcomes of Hearing Loss in Congenital Cytomegalovirus: a Systematic Review
Kyle T. Fletcher, MD

Hearing Preservation in Children Following Cochlear Implantation
Neil S. Patel, MD

Effect of Phonological Errors on Speech Intelligibility in Early and Later Implanted Pediatric Cochlear Implant Users
Diga Peskova, MS

Cochlear Implantation: Outcomes in Children with Cochlear Nerve Deficiency
Melissa Acuchier, Au.D.

Pediatric Case Report Of Performance With Three Different Remote Microphone Systems: Receivers Versus Streamers.
Beth A. Holliday, Au.D.

Turkish Adaptation, Validity and Reliability of Musical Perception Test (MPT): T-MPT
Ayse Sanem Sahi, PhD

4:40 PM - 5:00 PM Poster Session
5:30 PM - 7:00 PM Welcome Reception

FRIDAY, JULY 28, 2017

TME CODE TITLE PRESENTER
7:30 AM - 8:30 AM IN005 Next from Cochlear ...
Daniel M. Heintz

8:40 AM - 9:30 AM ACI001 ACI Alliance Member Meeting
Donna Sorkin, MA

9:30 AM - 10:00 AM KEY02 Keynote: Brain Plasticity and Cochlear Implants
Michael Merzenich, PhD

10:00 AM - 10:30 AM KEY03 Keynote: The Music within Speech: Voice Emotion and Cochlear Implants
Monita Chatterjee, PhD

10:30 AM - 11:00 AM COF03 Coffee Break

11:00 AM - 12:15 PM S4-1 Panel: Cognition: The Impact of the Home Environment on Language and the Brain in CI Users
Moderator: Matthew Fitzgerald, AuD, PhD

11:00 AM - 11:15 AM S4-2 Audiology / Residual Hearing
Evaluation of Long Term Cochlear Implant Use in patients with Acquired Unilateral Profound Hearing Loss: Focus on Binaural Auditory Outcomes
Griet Mertens, PhD

11:09 AM - 11:18 AM Chinese Mandarin Tone Recognition in Patients with Bimodal Cochlear Implants
Yang Li, Prof.

11:18 AM - 11:27 AM Cochlear Implantation for Rehabilitation of Single Sided Deafness in Children and Adolescents
Daniel Zeltler, MD, FACS

11:27 AM - 11:36 AM Hearing benefit following extended contralateral route of signal use in unilateral cochlear implant users
Hillary Snapp, AuD

11:36 AM - 11:45 AM Hearing at Birth to cochlear implantation - progressive hearing loss
Karol Sawaiya, AuD

11:45 AM - 11:54 AM Localization and Quality of life after Cochlear Implantation in Cases of Unilateral Hearing Loss
Margaret Dillon, AuD

11:54 AM - 12:03 PM Masking release with changing fundamental frequency: electric acoustic stimulation resembles normal hearing subjects
Alice Auinger, MD

12:03 PM - 12:15 PM Q&A

11:00 AM - 12:15 PM S4-3 Basic Research
11:00 AM - 11:09 AM White Matter Anisotropy in the Left Anterior Superior Temporal Region Predicts Speech Perception Improvement in Young Cochlear Implant Recipients
Nancy Young, MD

11:09 AM - 11:18 AM Morphological Neural Preservation Underlies Speech Perception Improvement in Young Cochlear Implant Recipients
Patrick Wong, PhD

11:18 AM - 11:27 AM Temporal-Medial Modulated Riddle Discrimination by Children with Cochlear Implants
David Langersberg, PhD

11:27 AM - 11:36 AM bMagnetic Targeting Of Stem Cell And Gene Therapy/bTo The Inner Ear/b
Trung Le, MD, PhD, FRCSC

11:36 AM - 11:45 AM Novel Approaches to Microbial Otis Delivery forDr-Optogenetic based Cochlear Implant
Vivek Kaminski, MD

11:45 AM - 11:54 AM Vowel Recognition Scores of Children with Cochlear Implants are Related to Speech-based Spectral Resolution and Time with the Implant
Mishari DiNino, MA

11:54 AM - 12:03 PM Automatic Cochlea Segmentation Using Diffusion Snakes
Ibraheem Al-Dhamari, MSc

12:03 PM - 12:15 PM Q&A

12:15 PM - 1:15 PM Lunch with Exhibitors

1:15 PM - 2:30 PM S5-1 Medical / Surgical
The effect of development on cortical auditory evoked potentials in normal hearing listeners and cochlear implant users
Eun Kyung Jeon, PhD, AuD

1:15 PM - 2:30 PM S5-2 Panel: Delivery: Tips from the trenches - Lessons learned from experience with pediatric cochlear implantation
Moderators: Jan Larky, MD and Julie Fahlberg, MA

Panelists: Julie Cooper, Lisa Tonokawa Marraco, Kathy Mastrini, Sarah Coullhunt

1:15 PM - 2:30 PM S5-3 Economics / Public Policy

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>12:15 PM - 12:30 PM</td>
<td>G&amp;A</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td>59-3</td>
<td><strong>Auditory Brainstem Implantation</strong></td>
<td>Dianne Hammes Ganguly, MA</td>
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<td>11:30 AM - 11:39 AM</td>
<td>Oral Communication Assessment and Outcomes in Children with Auditory Brainstem Implants</td>
<td>Liliana Colletti, PhD</td>
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<td>11:39 AM - 11:48 AM</td>
<td>Pediatric Auditory Brainstem Implant: outcome and early age at Implantation</td>
<td>Shuman He, MD, PhD</td>
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<td>11:57 AM - 12:06 PM</td>
<td>Pediatric auditory brainstem implant outcomes: an update from one North American institution's clinical trial</td>
<td>Kevin Wong, BA</td>
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<td>12:06 PM - 12:15 PM</td>
<td>Auditory Brainstem Implantation Is Beneficial For Prelingually Deaf Children Brainstem Implantation Is Beneficial In Prelingually Deaf Children</td>
<td>Robert Behr, MD</td>
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<td>12:30 PM - 1:00 PM</td>
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<td>1:00 PM - 4:00 PM</td>
<td>WKS01</td>
<td><strong>Post-Conference Consumer Workshop</strong></td>
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