<table>
<thead>
<tr>
<th>TIME</th>
<th>CODE</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td>IND02</td>
<td>Cochlear: Performance By Design</td>
</tr>
<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>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>IND04</td>
<td>Advanced Bionics Breakfast Symposium</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>OPEN01</td>
<td>Opening Ceremonies</td>
</tr>
<tr>
<td>9:10 AM</td>
<td>KEY01</td>
<td>Keynote: John Niparko Memorial Lecture: When Should We Attempt to Preserve Residual Auditory Hearing in Children? Bruce Gantz, MD</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>CFP01</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>S1-1</td>
<td>Panel: Music- Can We Improve Pitch Perception in CI Users?</td>
</tr>
<tr>
<td>Moderator: Kate Gilett, PhD</td>
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<tr>
<td>Panelists: David Landsberger, PhD; Jeremy Marozeau, PhD; Charles Limb, MD; Jay Rubinstein, PhD</td>
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<tr>
<td>10:00 AM</td>
<td>S2-1</td>
<td>Surgical Techniques</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>S3-1</td>
<td>Predicting and Improving Outcomes</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>S1-1</td>
<td>Music Perception</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>S2-2</td>
<td>Language Development</td>
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**CII2017 PEDIATRIC SCIENTIFIC PROGRAM SCHEDULE**

**WEDNESDAY, JULY 26, 2017**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>12:00 PM</td>
<td>IND01</td>
<td>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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**TUESDAY, JULY 25, 2017**

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<tbody>
<tr>
<td>9:00 AM</td>
<td>IND01</td>
<td>Cochlear: Performance By Design</td>
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<tr>
<td>10:30 AM</td>
<td>IND02</td>
<td>Cochlear: Performance By Design</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>S2-2</td>
<td>Language Development</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>S2-2</td>
<td>Language Development</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>S2-2</td>
<td>Language Development</td>
</tr>
</tbody>
</table>
Bilingualism and Infancy Hearing Loss: Relationship between First Language and Italian Language Evolution in a Group of Children with Hearing Aids and/or Cochlear Implants  
Maria Consolazione Guarnaccia, ENT- Doctor in Audiology

An Integrated Approach to Obtain Electrically Evoked Stapedial Reflex Threshold in Pediatric Cochlear Implant Patients  
Kerrn A. Corkrum, AuD

Sequenitonal Bilateral Cochlear Implantation in Children - Minimal Auditory Skills Development Expected According To Hearing Stimulation And Delay Between The Two Cochlear Implants  
Melanie Laferriere, M.O.A.

Cochlear Implantation in Children with Borderline Hearing Loss  
Fun Jung Na, MSc, PhD (g)

The Immersion 360 System: Bringing the Outside World into the Clinic  
Francesco Bergeron, Phd

Electrically-evoked ABR (EABR) for Potential ABI Candidates via Endoscopically-guided, Direct Round Window Stimulation  
John Germiller, MD, PhD

Expanded Indications  
2:40 PM - 2:49 PM
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 Pitsbury, MD

2:58 PM - 3:07 PM
Indications and Outcomes of Cochlear Implant Revision Surgery for Legacy Internal Devices  
Meredith Holcomb, AuD

3:07 PM - 3:16 PM
Hearing Preservation and Speech Outcomes in Pediatric Recipients of Cochlear Implants  
Kevin Brown, MD, PhD

3:16 PM - 3:25 PM
Partial Insertion of Long Flexible Electrodes in Children with High Frequency Hearing Loss  
Thomas Lenarz, MD, PhD

3:25 PM - 3:33 PM
S&A

3:35 PM - 4:10 PM
Poster Highlights

3:35 PM - 3:39 PM  
Language Sampling Practices with Children who are Deaf and Hard of Hearing  
Megan Shannahan, B.S.

3:39 PM - 3:43 PM  
Intraoperative Electrococchleography (ECoChG) in Response to Acoustic Stimulus Using the Cochlear Implant Electrode Array and Post-activation Speech Outcomes  
Robert T. Dewey, AuD

3:43 PM - 3:47 PM  
Attention to Infancy-directed Speech in Deaf Infants with Cochlear Implants  
Yuanyuan Wang, Ph.D.

3:47 PM - 3:51 PM  
Evaluation of an Automatic System to Record and Analyze Electrically Evoked Compound Action Potentials  
Lutz Gehringer, PhD

3:51 PM - 3:55 PM  
Music Training Improves Pitch Perception in Prelingually Deafened Children with Cochlear Implants  
David L. Le, MD, PhD

3:55 PM - 3:59 PM  
Long Term Cross Modal Plasticity in Auditory and Visual Sensory Cortices after Hearing Deprivation in the Adult Rat  
Marianny Femia

3:59 PM - 4:03 PM  
Gene Therapy Restores Hearing Function in a Mouse Model of Genetic Hearing Loss  
Kyu-Yup Lee, PhD, MD

4:03 PM - 4:07 PM  
Influences of Working Memory on Hearing Abilities in Cochlear Implant Users  
Hanna Boehtz, M.Sc.

4:07 PM - 4:11 PM  
Learning Molecular Imaging-based Neurologic Predictors of Cochlear Implant Outcome in Prelingually Deaf Children  
Jae-In Song

4:11 PM - 4:15 PM  
Critical Review of Supramaximal Approach for Cochlear Implantation  
Vedat Topsakal, MD PhD

4:40 PM - 4:49 PM
S3-3 Panel: Outcomes: Neurocognitive Factors in Hearing Restoration in Deaf Children

3:35 PM - 4:15 PM
Poster Highlights:

3:35 PM - 3:39 PM  
Semantic 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.

3:39 PM - 3:43 PM  
Bimodal Ear to Ear Audio Streaming: Speech Understanding Advantages in Complex Listening Situations  
Sarah Downing, M.S., FCC-A

3:43 PM - 3:47 PM  
The Natural History and Rehabilitative Outcomes of Hearing Loss in Congenital Cytomegalovirus: a Systematic Review  
Kyle T. Fletcher, MD

3:47 PM - 3:51 PM  
Hearing Preservation in Children Following Cochlear Implantation  
Neil S. Patel, MD

3:51 PM - 3:55 PM  
Effect of Phonological Errors on Speech Intelligibility in Early and Late Implantated Pediatric Cochlear Implant Users  
Olga Peskova, MS

3:55 PM - 3:59 PM  
Cochlear Implantation: Outcomes in Children with Cochlear Nerve Deficiency  
Melissa Aucther, Au.D.

3:59 PM - 4:03 PM  
Pediatric Case Report Of Performance With Three Different Remote Microphone Systems: Receivers Versus Streamers  
Beth A. Holstad, Au.D.

4:03 PM - 4:07 PM  
Turkish Adaptation, Validity and Reliability of Musical Perception Test (MPT): T-MPT  
Ayse Senan Sahil, PhD

4:07 PM - 4:11 PM  
Hearing Performance with Different Generations of Fine Structure Strategies  
Thomas Lenarz, MD, PhD

4:11 PM - 4:15 PM
First Experience With A New Thin Lateral Electrode Array  
Thomas Lenarz, MD, PhD

4:15 PM - 5:30 PM
Poster Session

5:30 PM - 7:00 PM
PRAO1 Welcome Reception

FRIDAY, JULY 28, 2017

TIME CODE TITLE PRESENTER
7:30 AM - 8:30 AM INDO5 Next from Cochlear...  

8:40 AM - 9:30 AM ACIAO1 ACI Alliance Member Meeting  
Donna Sorkin, MA

9:30 AM - 10:00 AM KEY02 Keynote: Brain Plasticity and Cochlear Implants  
Deena Wechsler-Kashi, PhD

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

10:30 AM - 11:00 AM COFO3 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

Panelists: Anu Sharma, PhD; Ani Patel, PhD; Derek Houston, PhD; Dana Suskind, MD; Calvin Chou, MD; Karen Johnson, PhD

11:00 AM - 12:15 PM S4-2 Residual Hearing

11:00 AM - 11:09 AM Evaluation of Long Term Cochlear Implant Use in patients with Acquired Unilateral Profound hearing Loss: Foci on Binural Auditory Outcomes  
Bret Mertens, PhD

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

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

11:27 AM - 11:36 AM Hearing Benefit Following Extended Contralateral Routing of Signal Use in Unilateral Cochlear Implant Users  
Michael Mannreich, PhD

11:36 AM - 11:45 AM Hearing at Birth to Cochlear Implant - Progressive Hearing Loss  
Katie Sawaya, 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 S&A

11:00 AM - 11:15 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

David Landsberger, PhD

11:27 AM - 11:36 AM Magnetic Targeting Of Stem Cell And Gene Therapy To Improve Ear  
Young Le, MD, PhD, FRSC

11:36 AM - 11:45 AM Novel Approaches to Microbial Ossip Delivery for an Optogenetic based Cochlear Implant  
Vivek Kanumuri, MD

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

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

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

12:15 PM - 1:15 PM LUN02 Lunch with Exhibitors

1:15 PM - 2:30 PM S5-1 Implant / Revisions

1:15 PM - 1:24 PM Predictors Of Round Window Visibility In Cochlear Implantation With Temporal Bone High Resolution Computed Tomography  
Duoping Sun, MD, PhD

1:24 PM - 1:33 PM Outcomes of Revision Cochlear Implantation for Soft Failure  
Kyle Kimura, MD
11:30 PM - 12:06 PM SS-2 Panel: Delivery: Tips from the trenches - Lessons learned from experience with pediatric cochlear implantation
Moderators: Jan Larky, MA and Jolie Fainberg, MA
Panelists: Julie Cooper, MS, CCC-SLP, LSLS Cert AVT; Lisa Tonokawa Maracci, MS; Kathy Mastrini; Sarah Coulthurst, MS

11:30 PM - 12:30 PM S5-2 Quality, Access, and Policy

11:30 PM - 12:06 PM S9-1 Therapy, Access and Policy
<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Details</th>
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<tbody>
<tr>
<td>12:06 PM - 12:15 PM</td>
<td>Legal and Ethical Obligations of the Clinician-Patient-Industry Relationship</td>
<td>Michael Page, AuD</td>
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<tr>
<td>12:15 PM - 12:30 PM</td>
<td>Q&amp;A</td>
<td></td>
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<tr>
<td>12:30 AM - 12:40 PM</td>
<td>11.3 Audiology / Devices</td>
<td></td>
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<tr>
<td>11:30 AM - 11:39 AM</td>
<td>The Effectiveness of a Middle Ear Implant in Some Cochlear Implant Candidates</td>
<td>Joseph Chang, MD</td>
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<tr>
<td>11:39 AM - 11:48 AM</td>
<td>Bonebridge in Children with Pinna Abnormalities and Canal Atresia</td>
<td>Iing Ping Tang, MS (ORL-HNS)</td>
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<tr>
<td>11:48 AM - 11:57 AM</td>
<td>Cortical Auditory Evoked Potential (CAEP) and Behavioural Measures of Auditory Function in an Child with a Single Sided Deafness</td>
<td>Oscar Cañete, PhD</td>
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<tr>
<td>11:57 AM - 12:06 PM</td>
<td>Measuring Sound Processor Threshold Levels for Pediatric Cochlear Implant Recipients Using Visual Reinforcement Audiometry via Telepractice</td>
<td>Joshua Sevier AuD</td>
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<td>12:06 PM - 12:15 PM</td>
<td>Pilot Results of CI Functional Testing Using a Tablet Audiometer without a Sound-field or Audiometric Booth</td>
<td>Matthew Bromwich, MD, FRESB</td>
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<tr>
<td>12:15 PM - 12:30 PM</td>
<td>Q&amp;A</td>
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<tr>
<td>12:30 AM - 12:40 PM</td>
<td>11.3 Auditory Brainstem Implantation</td>
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<tr>
<td>11:30 AM - 11:39 AM</td>
<td>Oral Communication Assessment and Outcomes in Children with Auditory Brainstem Implants</td>
<td>Dianne Hammes Ganguly, MA</td>
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<tr>
<td>11:39 AM - 11:48 AM</td>
<td>Pediatric Auditory Brainstem Implant: Outcome and Early Age at Implantation</td>
<td>Liliana Colletti, PhD</td>
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<tr>
<td>11:48 AM - 11:57 AM</td>
<td>Longitudinal Changes in Electrically Evoked Auditory Event-Related Potentials in Children with Auditory Brainstem Implants</td>
<td>Shuman He, MD, PhD</td>
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<tr>
<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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<tr>
<td>12:06 PM - 12:15 PM</td>
<td>Auditory Brainstem Implantation is Beneficial For Prelingually Deaf Children</td>
<td>Robert Behr, MD</td>
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<tr>
<td>12:15 PM - 12:30 PM</td>
<td>Q&amp;A</td>
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<td>12:30 PM</td>
<td>Meeting Adjourns</td>
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<tr>
<td>1:00 PM - 4:00 PM</td>
<td>WK501 Post-Conference Consumer Workshop</td>
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