

PROGRAM

Wednesday & Thursday	Friday	Saturday	Posters	Symposia
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WEDNESDAY OCTOBER 15

REGISTRATION OPENS (Temporary Desk in the hotel lobby) 5:30pm to 8:00pm Speaker Ready Room will be open from 1:00-5:00 pm	
WELCOME RECEPTION	
18:00	Hilton Hotel, 32nd Floor Executive Lounge

THURSDAY OCTOBER 16

7:00	Registration and Posters/Exhibits Open
8:00	Welcome
DISCUSSION I: THE UNIQUE EAR MODERATORS: JILL FIRSZT AND KAREN GORDON	
8:10	Genetic Testing for Deafness: Where we were, where we're going, and why we should get there <i>Dr. Richard Smith, USA</i>
8:25	Cochlear Nerve Disorders in Children: An evolving management paradigm <i>Dr. Craig Buchman, USA</i>
8:40	Auditory Neuropathy Spectrum Disorder (ANSD) and Cochlear Implants: A shared problem of low information channel capacity <i>Dr. Robert Harrison, Canada</i>
8:55	Q&A
9:05	Speech recognition after cochlear implantation depends on a-specific neural metabolic activity in prelingually deaf adults <i>Louise Straatman, The Netherlands (O01)</i>
9:13	Functionality of the auditory nerve after neurotrophic treatment in deafened guinea pigs assessed with electrically evoked action potentials <i>Huib Versnel, The Netherlands (O02)</i>
9:21	Objective Measures of Neural Status and Neurotrophic Support <i>Bryan Pflingst, USA (O03)</i>
9:29	Q&A
POSTER TALKS I MODERATOR: BLAKE PAPSIN	
9:35	Near-infrared spectroscopy detects differences in auditory cortical activation across cochlear implant configurations <i>Sterling Sheffield, USA (P01)</i>
9:38	Cortical Auditory Event-Related Potentials in Children with Auditory Brainstem Implants <i>Shuman He, USA (P02)</i>
9:41	Electrically Evoked Compound Action Potentials in response to Amplitude Modulated Electric Pulse Trains <i>Viral Tejani, USA (P04)</i>

9:44	Forward masking in the human auditory nerve: comparing eCAP recovery functions for single-pulse and pulse-train maskers. <i>Gaston Hilkuysen, France (P05)</i>
9:47	Methods for achieving balanced current levels in children with bilateral cochlear implants <i>Parvaneh Abbasalipour, Canada (P06)</i>
9:50	Relation of loudness and electrically evoked compound action characteristics <i>Carolin Frohne-Buechner, Germany (P07)</i>
9:53	Suitability of the binaural interaction component for interaural electrode pairing of bilateral cochlear implants <i>Hongmei Hu, Germany (P08)</i>
9:56	Frequency Following Response to Interaural Phase Changes -- A Potential Objective Measurement for Binaural Fitting <i>Jaime Undurraga, England (P09)</i>
9:59	Signal coding and perception of Iterated Noise with Cochlear Implant users <i>Torsten Rahne, Germany (P10)</i>
10:02	Auditory evoked responses to pitch matched electroacoustic stimuli in unilateral cochlear implant users with residual hearing in the unimplanted ear <i>Chin-Tuan Tan, USA (P11)</i>
10:05	Posters/Refreshment Break/Exhibits
DISCUSSION II: THE UNIQUE CHOICE MODERATORS: JOS EGGERMONT AND PAUL KILENY	
10:50	Crossmodal Reorganization and Prognosis of Cochlear Implant Outcome in Postlingual Deaf Patients <i>Dr. Pascal Barone, France</i>
11:05	PET Functional Studies in Patients with Asymmetric Hearing Loss <i>Dr. Manuel Manrique, Spain</i>
11:20	Objective Measures of Residual Hearing: Use in pre-CI candidacy trials <i>Dr. Susan Scollie, Canada</i>
11:35	Single-Sided Deafness Disrupts Sensitivity to Binaural Cues <i>Dr. Andrej Kral, Germany</i>
11:50	Q&A
12:00	Cochlear implantation in unilaterally deaf adults and children <i>Antje Aschendorff, Germany (O04)</i>
12:08	Unilaterally-driven cortical maturation leads to lasting asymmetries in the bilateral auditory pathways in adolescents who are deaf and use one cochlear implant <i>Salima Jiwanli, Canada (O05)</i>
12:16	Q&A
POSTER TALKS II MODERATORS: RENE GIFFORD AND EMMANUEL MYLANUS	
12:20	Auditory perception and neural representation of voice onset time in children with Auditory Neuropathy Spectrum Disorder <i>Shuman He, USA (P03)</i>
12:23	Cross-Modal-Plasticity in deaf and deafblind children: A study with Evoked Potential before and after cochlear implants <i>Lidia Charroo-Ruiz, Cuba (P88)</i>
12:26	Electrode migration in patients with perimodiolar electrode arrays <i>Philipp Mittmann, Germany (P26)</i>

12:29	Listening advantages of early intervention for bilateral deafness in children <i>Melissa Polonenko, Canada (P29)</i>
12:32	Intraoperative ECAP in patients with long time of hearing deprivation <i>Ana Cristina Hoshino, Brazil (P30)</i>
12:35	Grab and Go Lunch Break
13:00	Lunch Satellite Symposium I* (see Satellite Symposia tab for details)
DISCUSSION III: THE UNIQUE IMPLANT MODERATORS: JOHAN FRILINS AND ADRIAN JAMES	
14:00	Physiological Measures of Response to Acoustic, Electric and Combined Stimulation in Cochlear Implant Users; <i>Dr. Carolyn Brown and Dr. Paul Abbas, USA</i>
14:15	Delayed Loss of Acoustic Thresholds Following Cochlear Implantation – Clinical and Experimental Studies <i>Dr. Stephen O’Leary, Australia</i>
14:30	Acoustic Implants and Objective Measurements <i>Dr. Ad Snik, The Netherlands</i>
14:45	Q&A
14:55	Auditory evoked potentials for direct acoustic cochlear stimulation <i>Michael Hofmann, Belgium (O06)</i>
15:03	Objective assessment of preoperative steroids on hearing preservation cochlear implantation <i>Jafri Kuthubutheen, Canada (O07)</i>
15:11	Electrophysiological monitoring of residual hearing before during and after cochlear implantation <i>Alexander Huber, Switzerland (O08)</i>
15:19	Intracochlear pressure changes related to different insertional speeds of cochlear implant electrodes <i>Ingo Todt, Germany (O09)</i>
15:27	Status of the electrode array: Intra-Cochlear Impedance Matrix and its clinical relevance <i>Matthias Hey, Germany (O10)</i>
15:35	Evaluation of insertion depth and intra-scalar electrode array position of the HiFocus Mid-Scala and HiFocus 1J electrode array. <i>Annerie van der Jagt, The Netherlands (O11)</i>
15:43	The effect of scalar position on speech discrimination <i>Rainer Beck, Germany (O12)</i>
15:51	Acoustic evoked potentials recording with a cochlear implant <i>Stefan Brill, Germany (O13)</i>
15:59	Q&A
16:10	Posters/Refreshment Break/Exhibits
OPEN PAPERS I MODERATORS: SHARON CUSHING AND NORBERT DILLIER	
17:00	Vestibular assessment in CI: A change of perspective <i>Andy Beynon, The Netherlands (O14)</i>
17:08	Retrospective longitudinal assessment of balance control in adult cochlear implantation <i>Aurelia Bascoul, France (O15)</i>

17:16	Quantification of balance dysfunction in children with cochleovestibular loss and cochlear implants <i>Nikolaus Wolter, Canada (O16)</i>
17:24	Cochlear implant in normal vs. anatomically abnormal cochlea <i>Rajesh Vishwakarma, India (O17)</i>
17:32	Trans-Tympanic Electrically Evoked Auditory Brainstem Response (TT-EABR) — A diagnostic tool in the management of children with inner ear malformations or AN/AD Spectrum <i>Neevita Narayan, India (O18)</i>
17:40	Measuring the cochlear duct length and its effect on electrode placement and outcomes <i>Jafri Kuthubutheen, Canada (O19)</i>
17:48	Electrophysiologic detection of scalar changing cochlea electrode arrays — A blinded study <i>Philipp Mittmann, Germany (O20)</i>
17:56	Q&A
18:05	Closure of Day 1

* Satellite symposia are separate from the University of Toronto accredited program

PROGRAM

Wednesday & Thursday	Friday	Saturday	Posters	Symposia
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FRIDAY OCTOBER 17

7:00	Registration and Posters/Exhibits Open
7:15	Breakfast Satellite Symposium I* (see Satellite Symposia tab for details)
DISCUSSION IV: THE UNIQUE FITTING MODERATORS: JEROEN BRIAIRE AND DAVID MCALPINE	
8:15	Congenital Pitch Deficits: Implications for cochlear implant users <i>Dr. Alexandre Lehmann, Canada</i>
8:30	Bilateral Cochlear Implants: The potential utility of objective measures in maximizing benefits <i>Dr. Ruth Litovsky, USA</i>
8:45	A New Chip to Record eCAPS During Continuous Stimulation <i>Dr. Johan Frijns, The Netherlands</i>
9:00	Q&A
9:08	Use of aided cortical assessment to check adequacy of audio processor programs of difficult to fit children <i>Julie Kosaner, Turkey (O21)</i>
9:16	Can we strengthen brainstem pathways from the deprived ear after unilateral cochlear implant use in children? <i>Parvaneh Abbaspour, Canada (O22)</i>
9:24	Deconvolution of the spread of excitation curves measured in cochlear implants <i>Jeroen Briaire, The Netherlands (O23)</i>
9:32	A new modified (E)ASSR paradigm for simultaneous electrophysiological recording and assessment of psychophysical performance. <i>Andreas Bahmer, Germany (O24)</i>
9:40	Optimization of a spectral contrast enhancement algorithm for cochlearimplants based on an individualized Electrode-Nerve-Interface Model <i>Waldo Nogueira, Germany (O25)</i>
9:48	The TPACE strategy: Finding an objective measure for the prediction of the optimal masking value <i>Andreas Buechner, Germany (O26)</i>
9:56	Electrically Evoked Compound Action Potentials using novel stimulation: Opportunities and challenges <i>Christopher Long, USA (O27)</i>
10:04	Q&A
10:15	Posters/Refreshment Break/Exhibits
OPEN PAPERS II: MODERATORS: ROLF-DIETER BATTMER AND LORNE PARNES	
11:00	Desynchronized discharges of auditory nerve fibers in electric stimulations: mechanisms and consequences. <i>Jonathan Laudanski, France (O28)</i>
11:08	Evaluating focused stimulation thresholds in the context of a cochlear impedance model <i>Steven Bierer, USA (O29)</i>

11:16	ECAP recording during cochlear implant surgery <i>Joachim Muller-Deile, Germany (O30)</i>
11:24	Automated ECAP classification <i>Idrick Akhoun, Germany (O31)</i>
11:32	A novel ECAP recording paradigm to acquire fine-grain growth functions <i>Lutz Gartner, Germany (O32)</i>
11:40	Effects of stimulus polarity and artifact cancellation method on ECAP responses <i>Michelle Hughes, USA (O33)</i>
11:48	NRT based fitting using profile scaling <i>Saji Maruthurkkara, Australia (O34)</i>
11:56	Myographic recording of the electrically elicited Stapedius reflex <i>Rolf Battmer, Germany (O35)</i>
12:04	Intraoperative measurement in bonebridge surgery <i>Johannes Schnabl, Austria (O36)</i>
12:12	Approaches to eliminate overstimulation in children after cochlear implantation <i>Adam Walkowiak, Poland (O37)</i>
12:20	Conventional and remote intraoperative NRT measurement <i>Ayca Ciprut, Turkey (O38)</i>
12:28	Q&A
12:43	Grab and Go Lunch
13:00	Lunch Satellite Symposium II* (see Satellite Symposia tab for details)
DISCUSSION V: THE UNIQUE BENEFIT MODERATORS: ANDY BEYNON AND ANDREJ KRAL	
14:00	Functional near-infrared spectroscopy reveals cross-modal reorganisation <i>Dr. Doug Hartley, England</i>
14:15	Electrophysiological signatures of audio-visual interactions in cochlear-implant users <i>Dr. Pascale Sandmann, Germany</i>
14:30	Effects of unilateral deprivation in development measured using electrophysiology <i>Dr. Daniel Wong, Canada</i>
14:45	Phonological reorganization of the postlingual deaf and its implication for cochlear implant outcome. Evidence of plasticity from fMRI studies <i>Dr. Diane Lazard, France</i>
15:00	Q&A
15:10	Cortical correlates of spectral and temporal processing cochlear implant subjects using the acoustic change complex <i>Andrew Dimitrijevic, USA (O39)</i>
15:18	Cortical voice processing in cochlear-implanted children: an electrophysiological study <i>David Bakhos, France (O40)</i>
15:26	Audiovisual integration in the auditory cortex following cochlear implantation measured by near-infrared spectroscopy <i>Emmanuel Mylanus, The Netherlands (O41)</i>
15:34	Changes in alpha oscillations compared to pupil dilation to capture listening effort in cochlear implant users; an initial study <i>Isabelle Boisvert, Australia (O42)</i>
15:42	A novel technique for evaluating residual hearing in cochlear implant recipients <i>Kanthaiah Koka, USA (O43)</i>
15:50	Q&A

16:00	Posters/Refreshment Break/Exhibits
OPEN PAPERS III	
MODERATOR: JOSEPH CHEN AND JOZSEF KISS	
16:30	Measuring listening effort in CI listeners using pupil dilation <i>Matthew Winn, USA (O44)</i>
16:38	Cochlear implant performance and Electrically-Evoked Auditory Brain-Stem Response characteristics <i>Nicolas Guevara, France (O45)</i>
16:46	The effect of device use on brainstem maturation in sequential bilateral cochlear implantation in children <i>Emmanuel Mylanus, The Netherlands (O46)</i>
16:54	ECAP latencies in sequential vs simultaneous cochlear implants <i>Sandro Burdo, Italy (O47)</i>
17:02	Asymmetric auditory brainstem development and function in children with bimodal (electric and acoustic) hearing <i>Melissa Polonenko, Canada (O48)</i>
17:10	Cochlear implantation as hearing rehabilitation method in single-sided deafness after acoustic neuroma surgery <i>Antje Aschendorff, Germany (O49)</i>
17:18	Behavioral and physiological responses in children with unilateral hearing loss <i>Megan Carter, USA (O50)</i>
17:26	The effect of signal degradation and cochlear-implant experience on the uptake of durational cues during lexical access. <i>Anita Wagner, The Netherlands (O51)</i>
17:34	Q&A
17:45	Closure of Day II Scientific Program
19:00	EABR (Elevated Altitude Banquet Reception)

* Satellite symposia are separate from the University of Toronto accredited program

PROGRAM

Wednesday & Thursday

Friday

Saturday

Posters

Symposia

SATURDAY, OCTOBER 18

7:00	Registration and Posters/Exhibits Open
7:15	Breakfast Satellite Symposium II* (see Satellite Symposia tab for details)
8:20	Introduction to the 9th Annual Symposium and Passing of the Flag Ceremony
INTRODUCTION TO SPECIAL PANELS ON IMPLANTATION IN THE ELDERLY	
MODERATOR: FRANK LIN	
8:30	Question to be considered: <i>What objective measure should be performed to assess cochlear implant candidacy in the elderly population?</i> Introduction to Cochlear Implantation in Older Adults <i>Dr. Frank Lin, USA</i>
INDUSTRY PANEL	
8:45	Objective Measures of Structure Preservation in Modern CI Patients <i>Dr. Claude Jolly, Austria</i>
9:00	Objective Measures in Elderly Cochlear Implant Subjects <i>Dr. Ernst von Wallenberg, Switzerland</i>
9:15	Technology and Patient Specific Variables; What can we measure that can help us improve (or better understand) outcomes in elderly cochlear implant recipients? <i>Dr. Edward Overstreet, France</i>
9:30	Q&A
SCIENTIFIC PANEL	
9:40	Effects of Hearing Loss and Aging on Remembering What Was Heard: In one ear and out the other? <i>Dr. Kathy Pichora-Fuller, Canada</i>
9:55	Measures of Peripheral and Central Auditory Plasticity <i>Dr. Paul Kileny, USA</i>
10:10	Physiological Measures of Tinnitus and Their Challenging Interpretation <i>Dr. Jos Eggermont, Canada</i>
10:25	Q&A
10:35	Posters/Refreshment Break/Exhibits
CLINICAL PANEL	
10:50	Cochlear Implantation on the Medically Complex Patient: Medical and surgical considerations <i>Dr. Vincent Lin, Canada</i>
11:05	Electrophysiological and Behavioral Correlates of Auditory-Cognitive Processing in Older Adult Cochlear Implant Recipients <i>Dr. Yael Henkin, Israel</i>
11:20	Social Isolation as a Factor in Implant Candidacy and Outcomes <i>Ms Marilyn Reed, Canada</i>
11:35	Q&A

OPEN PAPERS IV

MODERATORS: SANDRO BURDO AND Yael HENKIN

11:45	Functional near-infrared spectroscopy brain imaging in patients with cochlear implants <i>Paul Kileny, USA (O52)</i>
11:53	Cortical correlates of voice onset time processing cochlear implant subjects <i>Andrew Dimitrijevic, USA (O53)</i>
12:01	Assessment of brain plasticity in adult cochlear implant users with near infra-red spectroscopy <i>Emilie Gontier, Canada (O54)</i>
12:09	Can we preserve bilateral symmetry in the developing auditory cortex with electric and acoustic (bimodal) hearing? <i>Melissa Polonenko, Canada (O55)</i>
12:17	Speech processor fitting using Nucleus Fitting Software (NFS) <i>Jozsef G. Kiss, Hungary (O56)</i>
12:25	Evoked Compound Action Potentials (ECAP) measures in pediatric MED-EL cochlear implantees: relationship with electrode placement age and C-levels. <i>Samia Labassi, France (O57)</i>
12:33	Towards a clinically viable way to record Cortical Auditory Evoked Potentials (CAEPs) in cochlear implant (CI) clients <i>Bram Van Dun, Australia (O58)</i>
12:41	Relating objective measures of auditory function to behavioural speech outcomes among high level adult performers with the MED-EL flex electrode <i>Jafri Kuthubutheen, Canada (O59)</i>
12:49	Q&A
13:00	Closure of Day III and Symposium

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