

XXXII WCA 2014 – CONGRESS PROGRAM

Note: There is no morning, afternoon tea or lunch provided for participants of Workshops and Instructional Courses (Saturday and Sunday). Food and beverages are available for purchase from the café in the main foyer.

SATURDAY 3 MAY 2014

7.00am–
5.00pm

Registration

PRE CONGRESS WORKSHOPS

9.00am–
10.30am

Workshop 3 Programming Hearing Aids for Different Languages
ROOM P2

11.00am–
12.30pm

Workshop 2 How good is my Hearing? An Evidence-based Approach to Counselling Individuals about their Pure Tone Audiogram and Noise Exposure Profile
ROOM M2

Workshop 4 Electro-Acoustic Fittings: Where to from here?
ROOM P2

Workshop 29 Cerumen Management Workshop A
ROOM P3

1.30pm–
3.00pm

Workshop 1 Assessment of Outer/Middle Ear Function using Wideband Acoustic Absorbance
ROOM P1

Workshop 5 FM Verification with Modern Technologies
ROOM P2

Workshop 6 Family-Centred Care in Audiological Rehabilitation
ROOM M1

Workshop 23 Models of Hearing Implant Service Delivery: Taking Audiology to the Recipients
ROOM M2

Workshop 29 Cerumen Management Workshop B
ROOM P3

PRE CONGRESS INSTRUCTIONAL COURSES

9.00am–
10.30am

Instructional Course 13 Recent Advances in Cochlear Implant Candidacy Criteria – Am Considering all Options?
ROOM P1

Instructional Course 15 Are you thinking what I'm thinking – Development of Theory of Mind in Deaf or Hearing Impaired Children
ROOM P3

Instructional Course 20 Counselling for and About Hearing Loss – Are we Becoming Counsellors?
ROOM P4

Instructional Course 21 Improving ABR Testing: The Chirp Stimulus
ROOM M2

11.00am–
12.30pm

Instructional Course 11 Bone Anchored Hearing Systems: Audiological and Surgical Considerations
ROOM P4

Instructional Course 12 Auditory Dys-Synchrony in Children – Cochlear Implantation Candidacy and Post – Implantation Management and Habilitation in an Auditory – Verbal Early Intervention Program
ROOM M1

Instructional Course 17 Barriers and Facilitators to Hearing Rehabilitation for Adults
ROOM P1

1.30pm–
3.00pm

Instructional Course 9 The Greatest Gift: Harnessing Parent Power to Develop a Child's Brain
ROOM P4

PRE CONGRESS OTHER ACTIVITIES

9.00am–
5.00pm

8th National Deafness Sector Summit
ROOM M3, BRISBANE CONVENTION & EXHIBITION CENTRE

4.00pm–
5.00pm

Libby Harricks Memorial Oration
ROOM M3, BRISBANE CONVENTION & EXHIBITION CENTRE

Making Connections

Susan Brumby

Public Lecture sponsored by Deafness Forum

SUNDAY 4 MAY 2014

7.00am–
5.00pm **Registration**
MAIN FOYER

PRE CONGRESS WORKSHOPS

9.00am–
10.30am **Workshop 19** Living Well with Hearing Loss: Can IDA Tools Make the Difference?
ROOM M2

Workshop 26 Use of Cortical Auditory Evoked Potentials (CAEPs) in Assessment of Hearing and Evaluation of Hearing Aids
ROOM M1

Workshop 27 Clinical Teaching – Teaching on the Run (TOTR)
ROOM P1

Workshop 29 Cerumen Management Workshop C
ROOM P3

11.00am–
12.30pm **Workshop 8** Diagnosis and Remediation of Spatial Processing Disorder: Using and Interpreting LISNS and LISN and Learn
ROOM M1

Workshop 16 Changing Audiology Practice: IDA Ideas
ROOM M2

Workshop 28 Supporting Learners – Teaching on the Run (TOTR)
ROOM P4

Workshop 29 Cerumen Management Workshop D
ROOM P3

1.30pm–
3.00pm **Workshop 25** Trust, Patient-Centredness and Shared Decision Making: What People with Hearing Impairment want
ROOM M2

PRE CONGRESS INSTRUCTIONAL COURSES

9.00am–
10.30am **Instructional Course 24** Chemical-induced Auditory Dysfunction: From Scientific Evidence to Practice
ROOM P4

11.00am–
12.30pm **Instructional Course 18** The Use of Speech Mapping in Hearing Aid Verification
ROOM P1

1.30pm–
3.00pm **Instructional Course 7** Optimising Hearing Aid Outcomes with Frequency Transposition
ROOM P4

Instructional Course 10 Working with Clients with Long Standing, Severe Hearing Loss
ROOM P3

Instructional Course 14 Hearing and Ageing: Considerations for Older Adults using Hearing Aids and Cochlear Implants
ROOM P1

Instructional Course 22 Providing Services to Children, Parents and Professionals through Tele-practice
ROOM M1

PRE CONGRESS OTHER ACTIVITIES

9.00am–
5.00pm (continued from 3 May 2014)
8th National Deafness Sector Summit
ROOM M3, BRISBANE CONVENTION & EXHIBITION CENTRE

9.00am–
10.30am **Let there be Sound Symposium**
THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE
Graeme Clark
Sponsored by Cochlear

11.00am–
12.30pm **State of the Art in Hearing Instrument Technology Symposium**
THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE
Stefan Launer
Sponsored by Phonak

**12noon–
3.30pm** **Hearing for the Future Expo**

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

Find out about hearing loss; learn how assistive listening devices can help you; find out if your iPod is damaging your ears; learn about the many options available to manage hearing loss; meet people from Brisbane's vibrant deaf communities and listen to the personal experiences of children whose lives have been changed by cochlear implants. Local sport celebrity and cochlear implant recipient Jamie-Lee Lewis will be at the Expo to talk about life with cochlear implants.

XXXII WORLD CONGRESS OF AUDIOLOGY**4.00pm–
5.00pm** **Denis Byrne Memorial Lecture**

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

The Communication Partner: Conversation, Context and Cooperation*Christopher Lind*

Public Lecture sponsored by Audiology Australia

**5.00pm–
6.00pm** **XXXII World Congress of Audiology Official Opening Ceremony**

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

**6.00pm–
7.30pm** **XXXII World Congress of Audiology Welcome Reception**

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

Proud partners: **unitron**
Hearing matters

MONDAY 5 MAY 2014**7.00am –** **Registration**

5.00pm MAIN FOYER

8.30am **Opening Address**

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

Welcome**9.00am** **Round Table 1**

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

Living in a noisy world*Moderator: Thais Morata***87.** CAS DPOAES: a new preventive tool for hearing loss prevention*Pierre Campo***166.** Noise: it's more dangerous than we thought!*Sharon G Kujawa***468.** Living in a noisy world. Current challenges and opportunities for evidence-based hearing loss prevention*Thais Morata***490.** Living in noise*Warwick Williams***10.30am** **Morning Tea****Poster Presentations**

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

11.30am ORAL POSTERS 1

ROOM M2

445. A retrospective study of living well with hearing loss groups at the University of Arizona
Jaclyn Hellmann

11. Therapeutic effect of improving the physical and mental health on psychological support groups for post-linguistic cochlear implantees

Beier Qi

15. Evaluation of intelligence effect on digit memory and auditory verbal memory in students aged 12–15 years old
Elham Khosravi

40. Audiological and electrophysiological changes in vitiligo
Sanjay K Munjal

56. Correct detection / checking the insulation value of custom-made ear plugs – possible or not?

Erich Bayer

149. Speech perception abilities of older adult cochlear implant recipients

Margaret Dillon

FREE PAPERS 1

Medical Audiology

ROOM M1

93. School based Medicare 715 health checks as an opportunity for diagnostic hearing assessment in Cape York Aboriginal communities

Kris Wallin

116. Genome-wide screening for genetic risk variants for otitis media in childhood: a retrospective study
Robyn Choi

224. Hyperacusis, the shadow complaint: assessment of hyperacusis in a sample of Egyptian sufferers
Amr El Refaie

389. Professionals' perception of success in paediatric cochlear implantation
Jane Black

489. Bonebridge implantation in treacher-collins syndrome with conductive hearing loss
Robert Trotic

FREE PAPERS 2

Diagnostic Audiology

ROOMS P3, P4 & P5

10. Speech recognition threshold test for children in the Indonesian language

Dahlia Sartika

69. On the issue of early detection of sensorineural component of hearing loss in patients with otosclerosis

Jamol Kholmatov

71. Ipsilateral suppression of transient evoked otoacoustic emission in adults

Joseph Kei

80. Logistic regression versus third-order polynomial regression plotting of psychometric functions for development of speech audiometry materials

Richard Harris

FREE PAPERS 3

Paediatric Audiology

ROOM M3

55. Effect of ear canal pressure on the dynamic behaviour of outer and middle ear in healthy newborns

Venkatesh Aithal

59. Wideband absorbance in Australian Aboriginal neonates

Sreedevi Aithal

103. Should infants with a syndrome or craniofacial anomaly be screened for a hearing loss at birth?

Rachael Beswick

105. Feasible daily monitoring strategies for managing fluctuating hearing loss in children

Grace S Lin

193. School-based hearing screening: automated smartphone audiometer with integrated noise monitoring

De Wet Swanepoel

FREE PAPERS 4

Cochlear Implant Fitting

THE GREAT HALL

447. Wireless, portable paediatric cochlear implant fitting via the Nucleus remote assistant: transforming service delivery

Yetta Abrahams

114. Cochlear implant self-fitting

Saji Maruthurkkara

201. Remote mapping for cochlear implant recipients – development and validation of a remote cochlear implant telehealth service: objective and subjective outcomes

Robert Eikelboom

281. Early switch-on of adult cochlear implant recipients 24 hours post-surgery

Vanessa Baillie

380. Home-based models of managing implantable technologies – self fitting and telepractice

Colleen Psarros

FREE PAPERS 5

Single-sided Deafness

ROOMS P1 & P2

352. Spatial hearing improvement and long-term suppressive effect on tinnitus after cochlear implantation in profoundly single-sided deaf patients

Griet Mertens

372. Hearing and structure preservation in partial deafness treatment
Henryk Skarzynski

479. Cochlear implantation for unilateral deafness: contributing factors for successful outcomes
Dayse Tavora Vieira

442. Unilateral hearing loss in infants: why one ear is not enough

Yetta Abrahams

98. Developing a clinical tool to assist in the acquisition of informed consent prior to the provision of amplification

Chris Whitfeld

110. Role of statistical learning in understanding speech perception in noise in musicians

Pragati Rao, Mandikal Vasuki

12.30pm *Lunch*

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

1.30pm **SPECIAL SYMPOSIUM**

International Society of Audiology (ISA) Presentation

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

Introduction: Lady Jean Wilson

World Health Organisation (WHO) Audiology

WHO programme for prevention of deafness and hearing loss:

Promoting primary ear and hearing care

Dr Shelly Chadha

SPECIAL SYMPOSIUM

Occupational Health and Safety (OHS) Presentation

ROOM M3

Research to inform policy and programs for hearing loss prevention and treatment in Australia

Ms Tracey Duffy

2.00pm **ORAL POSTERS 2**
ROOM M2

113. Incidence of noise induced hearing loss in pub workers in Valparaiso and Viña del Mar, Chile

Daphne Marfull

117. Patient-specific approach to frequency compression

Dirk Junius

121. A comprehensive hearing rehabilitation program in the remote regions of Mongolia

Jenny Smith

127. Validation of the NAL experiential hearing aid simulator

Ingrid Yeend

147. Speech perception outcomes with the HDCIS and FSP coding strategies

Margaret Dillon

FREE PAPERS 6

Hearing Loss Prevention

ROOM M1

138. Leisure-noise exposure: parent perceptions of children's risk

Lyndal Carter

184. Occupational ototoxicity: a critical analysis of why hearing professionals will fail workers

Mershen Pillay

194. Prevalence and incidence of hearing impairment in workers exposed to occupational noise

Ramon Hernandez-Villoria

391. Living in a noisy world. Challenges and opportunities for evidence-based hearing loss prevention

Thais Morata

FREE PAPERS 7

Auditory Processing Disorders

ROOMS P3, P4 & P5

50. Toward a reliable screening test for auditory processing disorder: using the integrated Cattell-Horne-Carroll model of human abilities

John Bench

95. Auditory processing in an older population – the Blue Mountains hearing study

Philip Newall

119. A case study of establishing a national CAPD program for children at Australian Hearing – clinical support and clinical quality

Karin Gillies

136. Disentangling dichotic and higher-order deficits: Development of the Dichotic Digits Difference Test (DDDT)

Sharon Cameron

FREE PAPERS 8

Cochlear Implant Candidature

ROOMS P1 & P2

64. Expanding indications for cochlear implants

Radesh Najran

241. Human/bionic interface frontiers

Dimity Dornan

257. Can the elderly population benefit from bilateral cochlear implants?

Isabelle Boisvert

274. Candidacy and prediction of outcomes in cochlear implantation

Richard Dowell

418. The clinical prognosis of cochlear implantation in children

Richard Dowell

FREE PAPERS 9

Adult Rehabilitation

THE GREAT HALL

375. Auditory and working memory training for people with hearing loss: assessing the benefits to real-world listening abilities

Melanie Ferguson

104. Spatial release from masking deficits in hearing-impaired people: is inadequate audibility the problem?

Helen Glyde

128. Health literacy, instruction materials and hearing aid management

Andrea Caposecco

141. Effects of background noise on the conversation repair behaviours of adults with acquired hearing impairment and their familiar communication partners

Elise Okell

HAASA PROGRAM

ROOM M3

HAASA Presentation
Keynote Speaker Laurie Lawrence, renowned Australian Olympic Swimming Coach—Motivational Presentation

HAASA Presentation –
Tinnitus
Annemarie Lidner, Phonak

57. Custom made 'high-tech-earmolds' with (air) pressure equalisation effects and preventive character
Erich Bayer

154. The incidence of middle ear disease and hearing loss in Aboriginal and Torres Strait Islander children in Western Australia
Peta Monley

158. Concurrent speech segregation problems in hearing impaired children
Hossein Talebi

67. Clinical validation and diagnostic test accuracy of the KUDUwave automated audiometer in hearing-impaired adults
Christopher Brennan-Jones

73. Ipsilateral suppression of transient evoked otoacoustic emissions in healthy neonates
Joseph Kei

81. Need for and development of psychometrically equivalent English spondaic words
Richard Harris

439. Shhh hearing: an intervention with rurally based farming populations in Australia
Susan Brumby

88. The effectiveness of occupational noise management in Malaysia
Philip Newall

467. The social media frontier – boldly going where no audiologist has gone before
Thais Morata

318. Auditory processing disorder: which side of history are you on?
Wayne Wilson

203. Comprehensive assessment of (central) auditory processing abilities in school age children with non-syndromic cleft lip and/or palate
Xiaoran Ma

231. Test results and remediation outcomes for children seen through Australian Hearing's National CAPD Service
Alison King

296. Foundation and launch of a global study: the Cochlear Paediatric Implant Recipient Observational Study (P-IROS)

Thathya Ariyaratne

446. "Why are we waiting?" Early activation for children with cochlear implants
Yetta Abrahams

155. Validation and modification of the Phast-R
Rebecca Bennett

162. Could cognitive screening improve the delivery of audiology services to older adults?
Marilyn Reed

170. Music style identification skills of cochlear implant and hearing aid users
Valerie Looi

HAASA PROGRAM
ROOM M3

85. Determining factors in acceptance of cochlear implantation as a rehabilitation option: the patient point of view

Dayse Tavora Vieira

92. Medicare 715 health checks as a vehicle to access the 0-3 age group in Cape York Aboriginal communities

Kris Wallin

68. Peculiarities of middle ear diseases among population of Tajikistan

Jamol Kholmatov

HAASA PROGRAM

ROOM M3

3.30pm *Afternoon Tea*

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

International Delegates Excursions – Brisbane Greeters Program

Site Visits – University of Queensland & Hear and Say Centre

HAASA Afternoon Tea

3.45pm–4.15pm

5.00pm **SPECIAL SYMPOSIUM**

THE GREAT HALL

The International Evoked Response Audiometry Study Group (IERASG) Special Session: Past & future directions in auditory evoked responses

Moderator: Suzanne Purdy

Speakers: David McPherson, Jose Barajas, Mridula Sharma, Martin Walger, Barbara Cone, George Tavartkiladze, Suzanne Purdy

SPECIAL SYMPOSIUM

ROOMS P3, P4 & P5

HEARing CRC

Moderator: Bob Cowan

Guidelines for Cochlear Implant Candidature in adults

Speaker: Richard Dowell

Longitudinal Outcomes of Children with Hearing Impairment (LOCHI) Study Update

Speaker: Teresa Ching

HAASA PROGRAM

4.15pm–5.45pm

HAASA Presentation – Finding Your Blue Ocean
Simon McMillan, Starkey

Manufacturers Presentations – 20 minutes each

6.00pm Free Evening

HAASA Cocktail

Party (Member's only)

TUESDAY 6 MAY 2014

7.00am –
5.00pm **Registration**
MAIN FOYER

7.00am –
8.30am **Audiology Australia Member's Forum**

Light stand-up breakfast served from 7.00am–7.30pm

8.30am **ORAL POSTERS 3**

ROOM M2

153. Universal neonatal and nursing hearing screening programme at Venezuela

Ramon Hernandez-Villoria

179. Cochlear implantation in preterm children with additional disability. Experience in Astana

Aizhan Galiyeva

191. Attributes of real world sound recordings presented under headphones

Ingrid Yeend

225. A case study of acute, unilateral, intermittent tinnitus. can an impacted wisdom tooth cause tinnitus?

Amr El Refaie

FREE PAPERS 10

Epidemiology

ROOM M1

91. Preliminary data on prevalence of conductive hearing loss in school children on Cape York

Kris Wallin

205. Hearing status and mental health – data from UK Biobank

Gitte Keidser

206. Hearing status and fluid intelligence – data from UK Biobank

Gitte Keidser

209. Prevalence and configuration of hearing loss in baby boomers

Robert Eikelboom

268. Dual sensory loss in older women

Chyrisse Heine

FREE PAPERS 11

Auditory Processing Disorders

ROOMS P1 & P2

232. A case study of program implementation and quality improvement – establishing a national CAPD program for children at Australian Hearing

Alison King

235. Auditory and cognitive processing

Dani Tomlin

308. How are Queensland speech-language pathologists managing (C)APD?

Wayne Wilson

137. Prevalence and remediation of spatial processing disorder (SPD) in Aboriginal children in regional Australia

Sharon Cameron

FREE PAPERS 12

Hearing Aids

THE GREAT HALL

24. EasyRECD: an easier way of incorporating individual ear canal acoustics into the fitting process

Ben Zalm Fernee

58. Hybrid molds for RIC-power-systems and as hearing protection molds – design of the future?

Erich Bayer

70. Frequency lowering verification using spectrogram analyses

David Chiaravalli

126. Evaluation of super-directional hearing aids in realistic listening situations

Katrina Freeston

FREE PAPERS 13

BAHA

ROOMS P3, P4 & P5

212. Bone conduction implant BONEBRIDGE – performance in speech perception, localisation and management of difficult cases

Tobias Rader

213. Comparison of speech perception outcomes in Vibrant Soundbridge patients using the AP404 and Amadé audio processors

Allison Racey

244. Clinical experience with the Ponto Rro Power for children with microtia and atresia

Trudie Dowell

FREE PAPERS 14

Paediatric Habilitation

ROOM M3

25. Prevalence and risk factors of recurrent otitis media and its effects on later language development: results from the Raine Cohort

Christopher Brennan-Jones

65. MAGIC: measurement of achievement of goals in implanted children

Lia Traves

187. Social inclusion in children with hearing loss educated using a listening and spoken language approach

Gabriella Constantinescu

237. Bluetooth and the elderly client, a case study

Bernadette Fulton

240. Hear and Say Worldwide: professional and parent education and training for listening and spoken language for children with hearing loss

Dimity Dornan

253. Hearing impairment in the workplace: a user's perspective of barriers and accommodations

Philip Newall

254. Aminoglycoside antibiotics in the newborn period: concomitant therapies and hearing outcomes

Nicola Camporeale

319. Maximising outcomes using a collaborative multi-agency partnership: the medical only stream

Emma Rushbrooke

320. Round window electrode insertion in inner ear pathology

Vladislav Kuzovkov

453. Deterioration in speech recognition in adults over a period of 5 years: results of the Dutch online speech-in-noise test

Mariska Stam

466. Determining the prevalence and severity of hearing impairment in HIV-infected children in Lilongwe, Malawi

Peter Bartlett

377. Co-occurrence of cognition, communication and listening difficulties in children with APD, SLI or ASD

Melanie Ferguson

416. Auditory processing test battery evolution: a review of profiles of performance in 500 cases

Anthea Arkcoll

456. Age-related effects in temporal masking

John Grose

150. Outcomes of self-directed automatic in situ audiometry among older adults: implications for the viability of a self-fitting hearing aid

Elizabeth Convery

236. Use of vision and hearing aids for driving in older adults with dual sensory impairment

Louise Hickson

156. The evolution of hearing aid technology and procedures for tinnitus management

Grant Searchfield

340. The effect of transcranial attenuation on speech perception in noise with a bone anchored hearing implant in single-sided deaf patients

Jolien Desmet

341. Comparison of multiple-channel nonlinear versus single-channel linear processing strategies for osseointegrated bone conduction implants in mixed hearing loss

Jolien Desmet

478. Cochlear BAHA Attract: clinical outcomes and patient satisfaction
Ximena Alvarez-Mendez, Merren Davies, Yetta Abrahams

482. Improving speech in noise hearing performance of users of the BAHA sound processor with wireless accessories

Giara O'Driscoll

233. The impact of universal newborn hearing screening on early hearing aid fitting in Australia

Alison King

291. Are perceptions and needs different for parents of children with auditory neuropathy spectrum disorder?

De Wet Swanepoel

400. Measuring auditory development in children with sensorineural hearing loss using the CAP-R vs. the CAP: a pilot study

Alison Purcell

293. Evaluation of the littlears auditory questionnaire in children with MED-EL cochlear implants

Allison Racey

350. Managing the challenges of hearing aid fitting after atresia repair

Madonna Crocker

354. Effects of cognitive demand on auditory processing assessments

Sarosh Kapadia

367. Different systems of BAHA treatment in otolaryngological procedures

Piotr Skarzynski

370. Impact of beamforming algorithms on speech perception in cochlear implant users in a moving noise source condition

Tobias Weissgerber

311. A case study of a surprisingly unsuccessful hearing aid fitting

Wayne Wilson

314. Measurement of achievement of goals in implanted children (MAGIC) – a clinical tool developed by The Royal Children’s Hospital CI Program

Lia Traves

10.00am *Morning Tea***Poster Presentations**

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

11.00am **Round Table 2**

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

Central Auditory Plasticity*Moderator: Edilene Boechat***497.** Hearing disorders and brain plasticity*Stephen Crain***484.** Adult aging and auditory cognitive processing*Kathleen Pichora-Fuller***500.** It's all down-hill after 40: physiological measures of auditory learning*Kelly Tremblay*12.30pm *Lunch*

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

1.30pm **Laurie Upfold Award**

ROOM M2

76. Genome-wide screening for genetic risk variants for otitis media in childhood: a retrospective study*Robyn Choi***90.** Variability among audiologists in interpreting Auditory Brainstem Response (ABR) results*Maha Zaitoun***96.** Does size matter? What CE Chirps can do for you*Trong Nguyen***ORAL POSTERS 4**

ROOM M1

321. Microtia and atresia program at Hear and Say*Emma Rushbrooke***312.** A case study demonstrating the functional assessment of (C)APD in an adult with traumatic brain injury*Wayne Wilson***192.** Words lists for speech audiometry based upon an oral sociolinguistic corpus of Venezuelan spoken Spanish*Ramon Hernandez-Villoria***FREE PAPERS 15****Electrophysiology**

ROOMS P3, P4 & P5

169. Neural temporal processing in 3 age cohorts with normal hearing thresholds*Astrid Van Wieringen***199.** The evaluation of a 2000Hz auditory steady state response newborn hearing screening protocol*Karin Van Der Merwe***211.** Can ECAPs be used to totally objectively fit cochlear implants?*Colette McKay***FREE PAPERS 16****Cochlear Implant**

ROOM M3

159. Localisation for two different CI groups with access to ITD or ILD cues: is either cue superior?*Louise Loiselle***290.** Comparison of fine structure speech coding strategies with different stimulation rates*Tobias Rottmann***185.** Perception of cues that signal word stress by adult cochlear implant listeners*David Morris***FREE PAPERS 17****Adult Rehabilitation**

THE GREAT HALL

172. Development of a self-administered hearing aid management survey: the PHAST-self*Rebecca Bennett***186.** Autonomous motivation is associated with hearing aid adoption*Jason Ridgway***197.** An online information transfer support system for audiologists and their first-time hearing aid clients*Ariane Laplante-LaVesque***FREE PAPERS 18****Diagnostic Audiology**

ROOMS P1 & P2

82. Methodological considerations in development of digitally recorded speech audiometry materials*Richard Harris***83.** The effect of inhalational anaesthesia (sevoflurane) on tympanometry and audiological assessments*Florencia Montes***101.** Fast psychophysical tuning curve measurement in normally hearing adults*Joshua Myers*

- 107.** "Looking a gift horse in the ear" – outcomes of a hearing aid donation program and directions for improved humanitarian interventions
Rohan Biddulph
- 208.** A case study of a collaborative approach to ENT and audiology service delivery in remote Aboriginal and Torres Strait Islander communities in Queensland
Maggie Butler
- 342.** Can pre-operative measures predict post-operative results with the bone anchored hearing implant?
Jolien Desmet
- 355.** Spatial listening in adolescents with a history of otitis media with effusion
Fiona DeBoo
- 266.** Case studies of CAPD in young adults: where to after diagnosis?
Chyrisse Heine
- 379.** Ideal stimulus parameters for high frequency distortion product otoacoustic emissions
Lucretia Petersen
- 382.** The audiologist role in engaging the disengaged: maximising paediatric outcomes
Colleen Psarros
- 383.** Wideband absorbance in children with surgically confirmed otitis media with effusion
Sreedevi Aithal
- 390.** It is all about how you say it: applying usability research to clinical practice
Stephen Hallenbeck
- 218.** Brain mapping of the mismatched negativity and the P300 to speech and non-speech stimulus processing
David McPherson
- 219.** Single trial variations in auditory nerve evoked potentials
David McPherson
- 239.** Describing cochlear microphonic activity in neonates with a conductive hearing loss
Christina Nipperess-Sims
- 284.** Sensitivity study of ABR based newborn screening with the MB11 BERAphone
Mario Cebulla
- 270.** Prosody perception in adults using cochlear implants
Rose Thomas Kalathottukaren
- 323.** Evolution of methods for cochlear implant fixation in pediatric population
Vladislav Kuzovkov
- 347.** Stimulus and place overlap in PDT-EC and PDT-EAS patients after deep electrode Insertion
Arthur Lorens
- 349.** Application of Nucleus SRA electrode (CI422) in subjects with EC (electric complement) level of low-frequency hearing
Arthur Lorens
- 221.** Hearing aid satisfaction: exploring the missing piece of the puzzle
Carly Meyer
- 223.** Patient-centred communication patterns: audiologists, adult patients and their companions in initial consultations
Caitlin Grenness
- 256.** Mild hearing loss: characteristics of hearing aid adopters and non-adopters
Anna McMillan
- 310.** Using word test results as a counselling tool for hearing aid users
Elaine Saunders
- 167.** Electrocochleography in children with auditory synaptopathy / neuropathy: diagnostic findings and characteristic parameters
Konrad Stuermer
- 215.** Video head impulse test (vHIT) – how do we interpret the catch up saccades?
Jessica Vitkovic
- 252.** Monitoring the recovery from a temporary threshold shift (TTS) using an adaptive procedure and measurements of spontaneous and distortion product otoacoustic emissions (SOAEs and DPOAEs)
Jacek Smurzynski
- 393.** Standardised patients: can they really be used to improve clinical skills in student audiologists?
Jane Hughes

392. A qualitative exploration of parental involvement in early intervention for children with hearing loss

Ennur Yanbay

429. Cochlear implants for steeply-sloping hearing loss: candidacy and outcomes

Michelle Moran

443. The effects of background noise on multitasking

Jaclyn Hellmann

463. The influence of cochlear implantation on vestibular function – the preliminary study

Magdalena Sosna

477. Cochlear Baha Attract and cochlear implants for acoustic neuroma patients

Merren Davies

481. An industry first: wind noise reduction for Nucleus 6 cochlear implant recipients

Esti Nel

3.00pm *Afternoon Tea*

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

3.30pm

Laurie Upfold Award

ROOM M2

280. Two clinical case studies of children bilaterally implanted with the new abutment-free cochlear BAHAs attract

Alison Rolfe

329. The musical advantage: professional musicians have enhanced auditory processing skills

Kiriana Meha-Bettison

332. Tes Wicara Gambar – Bahasa Indonesia: the development and preliminary evaluation of an Indonesian speech identification test for children

Nicole Stagoll

CLINICAL CASE STUDIES

ROOM M1

173. A case study of the clinical application of cortical auditory evoked potentials (CAEPs) in managing infant amplification within Australian Hearing

Simone Punch

255. Case study: monitoring the progress towards speech of two infants identified with unilateral ANSD through universal newborn hearing screening

Felicity Hodgson

258. Case-study of cochlear implantation in a young adult with auditory neuropathy and essentially normal hearing thresholds

Anne-Marie Crowe

FREE PAPERS 19**Audiology with Disadvantaged Populations**

ROOMS P3, P4 & P5

100. Is it better to give than to receive? The highs and lows of hearing aid philanthropy in the Philippines

John Newall

152. The national public hearing aids laboratories network from Venezuela

Ramon Hernandez-Villoria

175. Development of paediatric audiology services in the Solomon Islands

Annette Kaspar

402. Search (study of environment on Aboriginal resilience & child health): levels of hearing and communication impairment

Alison Purcell

FREE PAPERS 20**Cochlear Implant Outcomes**

ROOMS P1 & P2

94. The RONDO single-unit audio processor – a proven new wearing option for CI users

David Scholer

148. Audiological outcomes with electric-acoustic stimulation

Margaret Dillon

168. What can we expect of normally-developing children implanted at a young age with respect to their spoken language and auditory skills?

Astrid Van Wieringen

417. Prognostication and auditory performance measurement tools in paediatric cochlear implantation

Beth Atkinson, Jane Black

FREE PAPERS 21**Tinnitus / Vestibular**

ROOM M3

102. A critical enquiry into the knowledge, skills and attitudes of professionals dealing with tinnitus-related distress

Dunay Taljaard

216. Vestibular migraines: the role of neural habituation in the outcomes of vestibular rehabilitation

Jessica Vitkovic

248. Vestibular problems in cochlear implant patients

Sylvia Tari

338. Changes in evoked cortical responses during tinnitus remediation

Catherine McMahon

FREE PAPERS 22**Paediatric Audiology**

THE GREAT HALL

75. Wideband absorbance in young infants (0–6 months): developmental aspects

Joseph Kei

234. Long-term effects of conductive hearing loss

Kelley Graydon

263. Rapport building in paediatric audiology appointments: a linguistic study

Rebecca Kim

369. School age hearing screening – pilot studies from countries around the world

Piotr Skarzynski

334. An early intervention oral communication program: a training resource package for East Javanese support-teachers of hearing-impaired children

Vivien Kwok

414. Music perception and appreciation in pre- and post-lingually deafened adult cochlear implant recipients

Michelle Moran

433. The evaluation of pitch percept using iterated rippled noise: an event related potentials study

Pragati Rao Mandikal Vasuki

259. Case study: congenital unilateral ANSD associated with 8th nerve tumour – four year follow-up

Felicity Hodgson

265. Audiology grand rounds

Hanasoge Satyan

472. A child's journey with an Electric Acoustic Stimulation (EAS) hearing implant system – a case study

Katye Trafford

486. Case study of one congenital recipient's journey with cochlear implantation

Janet Kenyon

181. Idle no more: a 5-year plan for improving hearing healthcare in a remote under-served community

Jack Scott

198. How do audiology population based interventions serve the underserved?

Mershen Pillay

228. Changing the listening environment in classrooms in a remote Aboriginal community

Simon McCormack

273. Rates of revision and device failure in cochlear implant surgery: a 30-year experience

Valerie Looi

292. Preliminary results about cochlear implant users' experience with the Naida CI Q70, the new Advanced Bionics sound processor

Sarah McCullough

348. Long-term hearing preservation in electric-acoustic stimulation patients, up to 10 years

Griet Mertens

339. Changes in spontaneous cortical activity during tinnitus remediation: a biomarker of tinnitus?

Ankit Mathur

425. Vestibular assessment: a review of the findings in 400 cases

Anthea Arkcoll

461. Disequilibrium in elderly population

Katarzyna Pietrasik

86. Family history as a risk factor in paediatric hearing loss

Carlie Driscoll

421. Parents' perspectives on hearing loss management in oncology patients

Christine Poulis

5.00pm–
6.00pm

International Society of Audiology (ISA) – General Assembly

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

7.00pm–12
midnight

WCA Congress Dinner / Dance

EXHIBITION HALL 2, BRISBANE CONVENTION & EXHIBITION CENTRE

WEDNESDAY 7 MAY 2014

7.00am–
3.00pm **Registration**
MAIN FOYER

8.30am **ORAL POSTERS 5**

ROOM M2

384. Auditory and otological outcomes in patients with cleft lip and/or palate

Shaani Graves

441. Health behaviour change in adults with hearing impairment

Ariane Laplante-LeVesque

9. Hearing aid verification results and self-report outcomes among Filipino adult beneficiaries of a charitable institution's free hearing aid programme

Hubert Ramos

344. Remote intraoperative measurements during cochlear implantation

Vladislav Kuzovkov

378. Prevalence and incidence of hearing loss in multidrug resistant tuberculosis patients in the Western Cape, South Africa

*Lucretia Petersen***FREE PAPERS 23****Audiology with Disadvantaged Populations**

ROOM M1

264. Hearing loss and middle ear disease in Anangu children: observational longitudinal research

Karen Sparrow

272. Latest data on Australian Hearing's Aboriginal and Torres Strait Islander child clients implications and some potential ways forward

Samantha Harkus

276. Moving to surveillance programs for Aboriginal and Torres Strait Islander children

*Wendy Pearce***FREE PAPERS 24****Electrophysiology**

ROOMS P3, P4 & P5

452. Recordings of acoustic evoked potentials directly from the different places of cochlea via intraochlear electrodes in cochlear implantees

Arthur Lorens

222. Binaural evoked potentials in young normal hearing adults: objective measures of the binaural system

Astrid Van Wieringen

285. Waveform, latency and amplitude values of Chirp-evoked ABR in newborns

Wafaa Shehata-Dieler

315. The relationships between brainstem responses to complex sounds, perceptual sensitivity to temporal fine structure and understanding speech in noise

*Hamish Innes-Brown***FREE PAPERS 25****Hearing Aids**

THE GREAT HALL

278. Mild hearing impairment: current fitting practices

Barbra Timmer

303. Demographics and outcomes for hearing aid wearers with mild hearing loss

Anna McMillan

306. The speech audiogram – an alternative to the pure tone audiogram for hearing aid fitting

Peter Blamey

333. Aided cortical response, speech production, perception and functional performance of children using conventional amplification or nonlinear frequency compression

Vicky Zhang

483. Is repeating audio helpful in real-world environments?

*Karrie Recker***FREE PAPERS 26****Cochlear Implant Outcomes**

ROOM M3

336. Cochlear implantation in adults with long-term unilateral sound deprivation

Isabelle Boisvert

405. Multi-centre evaluation of the Nucleus 6 System in school-aged children

Rachel Finbow

422. Earlier cochlear implantation in adults may improve outcomes

Richard Dowell

435. Clinical outcomes for adult cochlear implant recipients experiencing loss of useable hearing in the implanted ear

Kerrie Plant

436. Effect of contralateral hearing on bimodal outcomes: candidacy considerations

*Kerrie Plant***FREE PAPERS 27****Paediatric Habilitation**

ROOMS P1 & P2

330. Multidimensional evaluation of vocal quality in children with cochlear implants: a cross-sectional, case-controlled study

Che-Ming Wu

394. Maximising device fitting in infants – the role of the Infant Monitor of Vocal Production imp

Colleen Psarros

407. Tone identification in Mandarin-speaking children with profound hearing impairment

Shufeng Zhu

432. The use of low-frequency information for speech perception in children with normal hearing and children with hearing loss, with and without high frequency cochlear dead regions

Alicja Malicka

313. Screening for (Central) Auditory Processing Disorder: which tools work the best?

Wayne Wilson

366. Hearing preservation classification

Arthur Lorens

487. The evaluation of the efficiency of new cochlear implant fitting model

Vigen Bakhshinyan

106. Capacity of the audiology workforce to provide telehealth services: results of an international survey

Robert Eikelboom

115. Sensitivity and specificity of self-reported hearing difficulty in adults over 60 years of age

Christopher G Brennan-Jones

180. A case study of the child with microcephaly received CI

Aizhan Galiyeva

401. Hearing, Ear Health & Language Services (HEALS) project: research integrated service provision

Alison Purcell

176. Training a qualified audiometrist: a case study from the Solomon Islands

Annette Kaspar

444. Community hearing health on the US Mexico border

Stephanie Adamovich, Nicole Marrone

465. Evaluating audiology program models initiated in a developing country context – experiences from Malawi

Peter Bartlett

337. Can we reliably measure listening effort during clinical speech perception tasks?

Catherine McMahon

381. Behavioural and evoked potential measures of auditory function in adults with unilateral hearing loss

Oscar Canete

395. Towards a clinically viable way to record cortical auditory evoked potentials (CAEPs) in cochlear implant (CI) clients

Bram Van Dun

146. Objective measurement of speech intelligibility index and subjective hearing aid satisfaction

Steven Lock Hey Lee

140. Factors influencing vocabulary development in preschool children with cochlear implants in mainland China

Yuan Chen

174. Do IELTS scores predict the ability to understand speech?

Lena Lai-Nar Wong

277. Predicting usage of hearing aids and cochlear implants for children at three years of age

Patricia Van Buynder

302. Do children with hearing loss who received early intervention catch up with their normal-hearing peers at 5 years?

Teresa Ching

188. A classification of hearing impairment based upon the performance with hearing aids and dichotomy sound-deaf culture

Ramon Hernandez-Villoria

204. The effects of adding realism to a conventional speech-in-noise test

Gitte Keidser

325. On the use of 'smart tones' to aid the perception and location of a moving ball by the visually impaired

Wayne Wilson

267. Use of the multidimensional auditory performance scales to identify functional difficulty in children with CAPD

Chyrisse Heine

89. The evolution of Hands' on Education in Audiology for ENT Registrars (HEAR) at Monash Health

Julia Wunderlich

10.00am **Aram Glorig Oration/Award**

International Society of Audiology

THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE

Moderator: Robert Cowan

502. Hearing and Communication across the life course – a major public health concern!

Adrian Davis

10.30am *Morning Tea*

EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

- 11.00am **ROUND TABLE 3**
 THE GREAT HALL, BRISBANE CONVENTION & EXHIBITION CENTRE
Auditory service in the next 10–20 years – what is changing?
Moderator: Robert Cowan
- 498.** Human aging
Ian Cooke
- The future of patient centred hearing health care
Louise Hickson
- 496.** Working with Media
Joseph Milton
- 492.** Imaging the auditory system and implications for future diagnosis and management of auditory disorders
Peter Thorne

12.30pm *Lunch*
 EXHIBITION HALL 1, GROUND FLOOR, BRISBANE CONVENTION & EXHIBITION CENTRE

- | | | | | | | |
|--------|---|---|---|---|--|---|
| 1.30pm | SPECIAL SYMPOSIUM
Global Audiology
THE GREAT HALL
Strategic and Sustainable Solutions for Improving Hearing Health Care Globally
<i>Moderator: Helen Goulios</i>
Where do we start? Use of a conceptual model to study and improve hearing health care globally
<i>Helen Goulios</i>
mHealth for audiology – Improving access in developing countries
<i>DeWet Swanepoel</i> | FREE PAPERS 28
Electrophysiology
ROOM M2
396. (Un)aided cortical auditory evoked potentials (CAEPs) in hearing-impaired and normal-hearing adults
<i>Bram Van Dun</i>
398. Deconvolution of ears' activity (DEA): a new experimental paradigm to investigate central auditory processing
<i>Fabrice Bardy</i> | FREE PAPERS 29
Cochlear Implant
ROOMS P3, P4 & P5
160. Bilateral CI listeners and hearing preservation listeners: using ILD or ITD cues for unmasking speech in a simulated 'cocktail party'
<i>Louise Loisel</i>
163. Effect of place of stimulation on rate pitch perception
<i>Brett Swanson</i>
437. Electrical pitch perception in bimodal listeners; adaptation over time and effect of mismatch
<i>Kerrie Plant</i> | FREE PAPERS 30
Adult Rehabilitation
ROOM M3
79. Does hearing intervention improve domains of cognitive function? A systematic review
<i>Dunay Taljaard</i>
335. Using cognition to understand speech in noise testing the relationship between cognitive and speech recognition evaluations in adults with normal hearing and with cochlear implants
<i>Isabelle Boisvert</i> | FREE PAPERS 31
New Technology
ROOMS P1 & P2
54. Made for iPhone hearing aids – taking technology to the next level
<i>Jill Mecklenburger</i>
343. Maximum output of a percutaneous and a transcutaneous bone anchored hearing implant in patients with conductive or mixed hearing loss
<i>Jolien Desmet</i>
351. Maximum output of an active bone conduction implant in patients with a mixed hearing loss: the BONEBRIDGE™
<i>Griet Mertens</i> | FREE PAPERS 32
Cochlear Implant
ROOM M1
488. Our initial experience with innovative intraoperative ECAP measurement system
<i>George Tavartkiladze</i>
331. Sound quality of a new cochlear implant strategy using all 22 electrodes simultaneously
<i>Jeremy Marozeau</i>
345. Remote support of patients with cochlear implants
<i>Vladislav Kuzovkov</i>
353. Hearing preservation in PDT
<i>Arthur Lorens</i> |
|--------|---|---|---|---|--|---|

The impact of self-fitting hearing devices on audiology service provision

Gitte Keidser

Does the UN Convention on the Rights of Persons with Disabilities support Communication as a Human Right?

Louise Carroll

406. The application of click auditory brainstem response (ABR) and auditory steady state response (ASSR) testing in the prediction of behavioural hearing thresholds in infants

Janice Wu

409. Electrophysiological and behavioural measures of temporal fine structure processing

Abin Mathew

438. Hearing spatial processing may originate from the auditory brainstem: electrophysiological validation

Nematollah Rouhbakhsh

448. Identifying what's really going on up there: the careful use of cortical evoked potential testing

Katie Neal

220. Effects of stimulus variability on auditory gating of the P50 auditory evoked response

David McPherson

449. Does fine-structure processing enhance the ability of cochlear implant users to discriminate formant frequency changes?

Hartmut Meister, Martin Walger

471. Effect of audiovisual speech presentation on listening effort in cochlear implant recipients

Martin Walger

484. Tomoacoustic analysis of voice parameters in cochlear implantation

Pedro Berruecos

374. An interactive multimedia intervention shows multiple benefits for first-time hearing aid users

Melanie Ferguson

473. Defining audiologic rehabilitation

Joseph Montano

474. Speech recognition in quiet and in different noise conditions for implant listeners above the age of 75 years

Ulrich Hoppe

458. The effects of cognitively loaded visual and auditory distraction on acceptable background noise level in NH and HI listeners

Ayasakanta Rout

469. New approaches to improve performance of cochlear implant electrodes

Robert Cowan

476. European experience and hearing outcomes of the Cochlear™ Codacs™ Investigational Device (ID)

Jolien Desmet

485. Time for paradigm change in clinical care

Monika Lehnhardt-Gorjany

493. Disease State Marketing a perspective from outside the profession

Robert Tysoe

491. Monitoring adequacy of audio processor programs and auditory maturity using aided cortical assessment (ACA)

Julie Kosaner

430. Cochlear implant outcomes for post-lingually deafened adults with Nucleus® CI422 Slim Straight electrode array

Michelle Moran

470. Amplification of residual hearing with cochlear implants

Ruth English