

**NOTSA 21<sup>st</sup> Annual Clinical and Scientific Meeting  
Programme**

**Saturday, October 29<sup>th</sup>, 2011 Morning Session**

<b>Time</b>	<b>Authors</b>	<b>Title</b>
9.00 - 9:05	<b>RL &amp; AMB</b>	Welcome to NOTSA @ Newcastle
9.05 - 10.00	<b>John Carey</b>	Keynote speaker
<b>VESTIBULAR EVOKED RESPONSES: BONE CONDUCTED</b>		
10.00 - 10.20	<b>Alexander Zhang</b> Sendil Govender James Colebatch	Bone conducted tuning of ocular vestibular evoked myogenic potentials (oVEMPs)
10.20 - 10.40	<b>AM Burgess</b> , LE Mezey LA McGarvie HG McDougall IS Curthoys	Effects of stimulus rise on ocular vestibular-evoked myogenic potentials to bone-conducted vibration
10.40 - 11.00	<b>James Colebatch</b>	The otolith resonance hypothesis and the mechanism of otolith excitation by sound
<b>11.00 - 11.20</b>	<b>Morning tea</b>	
<b>VESTIBULAR EVOKED RESPONSES: OCULAR AND SPINAL</b>		
11.20 - 11.40	<b>Rachael Taylor</b> Michael Halmagyi Miriam Welgampola	Multi-frequency vestibular evoked myogenic potentials (VEMP)
11.40 - 12.00	<b>SM Rosengren</b> KP Weber, R Michels V Sturm, K Landau D Straumann	Single motor unit recordings of ocular vestibular evoked myogenic potentials in human extraocular muscles
12.00 - 12.20	Robyn Laube Sendhil Govender <b>James Colebatch</b>	A new method of evoking vestibulo-spinal reflexes
12.20 - 12.40	<b>Richard Fitzpatrick</b>	Sensitivity control and calibration in the human vestibular canal system
12.40 - 1.00	<b>S. Iwasaki</b> , Y. Togo K. Atsushi, Y. Yoshifuji N. Egami, S. Karino Y. Yoshifuji, T. Yamasoba Y. Yamamoto	Effect of noisy vestibular stimulation on human posture
<b>1.00 - 2.00</b>	<b>Lunch</b>	

## Saturday, October 29<sup>th</sup> - Afternoon Session

VESTIBULO OCULAR REFLEXES		
Time	Authors	Title
2.00 - 2.20	<b>L Chen</b> , MJ Todd LA McGarvie GM Halmagyi ST Aw	Quantitative head impulse differentiates central from peripheral acute vestibular syndrome: preliminary findings
2.20 - 2.40	<b>Phil Cremer</b> John Magnussen Hamish McDougall Americo Migliaccio	A new trap for old players
2.40 - 3.00	<b>DJ Szmulewicz</b> HG McDougall GM Halmagyi, SJ O'Leary M Paine, IS Curthoys	The rapid video-oculographic measurement of the normal vestibulo-ocular reflex
3.00 - 3.20	<b>Americo Migliaccio</b>	Unilateral incremental adaptation of the vestibulo-ocular reflex: a promising method for improving gaze stability after unilateral vestibular lesion
VERTIGO and REHABILITATION		
3.20 - 3.40	D Pavlin-Premrl J Waterston, B Infeld R Sultana, R O'Sullivan <b>R Gerraty</b>	Spontaneous nystagmus in the diagnosis of vertigo in the emergency department
3.40 - 4.00	Susan Reid Darren Rivett <b>Michael Katekar</b>	Cervicogenic vertigo: does it exist?
<b>4.00 - 4.20</b>	<b>Afternoon tea</b>	
4.20 - 4.40	<b>Miriam Welgampola</b> Robbie Yavor Alison White, Nicole Reid Leigh McGarvie G Michael Halmagyi	Atypical positioning nystagmus and vertigo
4.40 - 5.00	<b>Meg Richards</b>	Efficacy of repositioning and liberatory manoeuvres and post treatment precautions in a private outpatient clinic
5.00 - 5.20	<b>Jessica Vitkovic</b> Gary Rance Mark Paine	Vestibular migraineurs: the role of neural habituation in the outcomes of vestibular rehabilitation

5.20 - 5.40	<b>Hamish MacDougall</b> Stephen Rogers Leigh McGarvie Andrew Bradshaw	Touchpad augmented reality for vestibular visualization and education.
5.40 - 6.00	<b>Leigh McGarvie</b>	Vestibular augmentation/ substitution techniques for vestibular patients
<b>6.00 pm</b>	<b>End of first day</b>	
8:15 pm	<b>DINNER AT SCRATCHLEYS</b>	

## Sunday, 30<sup>th</sup> October

<b>Time</b>	<b>Authors</b>	<b>Title</b>
8.30 - 9.30	<b>John Carey</b>	Keynote speaker
<b>QUESTIONS IN CLINICAL RESEARCH</b>		
9.30 - 9.50	<b>Robyn Yavor</b>	Vestibular neuritis: is it or isn't it?
9.50 - 10.10	<b>Daniel Brown</b>	Using DPOAEs to monitor changes in mechanical responses of the Organ of Corti
10.10 - 10.30	<b>Alison White</b>	Lumped with sudden hearing loss
10.30 - 10.50	<b>DJ Szmulewicz</b> HG McDougall IS Curthoys, SJ O'Leary M Paine, PD Cremer MB Delatyck, LA Corben GM Halmagyi	Impairment of the visual-vestibular interaction in Friedreich's ataxia
10.50 - 11.10	<b>Susan Reid</b> Darren Rivett Robin Callister Michael Katekar	The treatment of cervicogenic dizziness and pain with manual therapy
<b>11.10 - 11.30</b>	<b>Morning tea</b>	
<b>ADVANCES IN VESTIBULAR RESEARCH</b>		
11.30 - 11.50	<b>Ian Curthoys</b> Vedran Vulovic Ljilana Sokolic Jacob Pogson	Responses of guinea pig primary utricular afferents to air-conducted sound (ACS) and bone-conducted vibration (BCV)
11.50 - 12.10	<b>Yasuhiro Chihara</b> Daniel Brown Hilal Uzun Ian Curthoys	The effect of systemic administration of vasopressin on cochlear function in guinea pigs
12.10 - 12.30	<b>Vedran Vulovic ,</b> Ian S Curthoys	Bone conducted vibration activates the vestibulo-ocular reflex in the guinea pig
12.30 - 12.50	<b>R Lim, AJ Camp</b> MA Walsh, HR Drury, R Callister AM Brichta	Physiological characterisation of human vestibular hair cells
12.50 - 12.55	<b>RL &amp; AMB</b>	Closing remarks of NOTSA @ Newcastle
<b>1.00 - 2.00</b>	<b>Lunch and Farewell</b>	