

**Developmental Perspectives on Language Processing**  
**Developing Mind Series**

**May 12<sup>th</sup> – May 13<sup>th</sup>**  
**Australian Hearing Hub – Macquarie University**  
**Level 1 Lecture Theatre**

**Day 1**

0930-1000	<b>Registration - Arrival Tea/Coffee (Level 1)</b>
1000-1005	Welcome and Introduction of Keynote Speaker 1 Chair: Katherine Demuth
1005-1100	Keynote 1 Karsten Steinhauer - Event-related brain potentials of sentence processing in first and second language acquisition
1100-1130	<b>Morning Tea/Coffee (Level 1)</b>
	<i>Session 1 Sentence processing in children 1</i> Chair: Sithembinkosi Dube
1130-1200	Elaine Schmidt & Carmen Kung – The use of subvocal prosody in the processing of sentences
1200-1230	Loes Koring – How many ways are there to process a sentence?
1230-1300	Ina Bornkessel-Schlesewsky & Matthias Schlewsky – Acquiring case, word order and prominence hierarchies
1300-1400	<b>Lunch (Level 3 Terrace)</b>
	<i>Session 2 Sentence processing in children 2</i> – Chair: Titia Benders
1400-1430	Ben Davies – Acquisition of syllabic plural morphology
1430-1500	Nan Xu – No jelly in jellybeans: 5-year-olds’ processing of compounds
1500-1530	<b>Afternoon Tea/Coffee (Level 1)</b>
1530-1535	Introduction of Keynote Speaker 2 – Chair: Loes Koring
1535-1630	Keynote 2 John Trueswell - The role of cognitive flexibility in sentence processing and grammar acquisition
1630-1800	<b>Poster session with Drinks and Canapés (Level 1)</b>

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**Day 2**

0930-1000	<b>Arrival Tea/Coffee (Level 1)</b>
1000-1005	Introduction of Keynote Speaker 3 – Chair: Carmen Kung
1005-1100	Keynote 3 Phaedra Royle – ERP studies in children with and without language impairment
1100-1130	<b>Morning Tea/Coffee (Level 1)</b>
	<i>Session 3 Special populations</i> – Chair: Jon Brock
1130-1200	Edith Bavin – Qualitatively similar but slower processing in sentence processing for young children with ASD
1200-1230	Colleen Holt – Cantonese tone perception by children who use cochlear implants
1230-1330	<b>Lunch (Level 3 Terrace)</b>
	<i>Session 4 How input shapes processing</i> – Chair: Ina Bornkessel-Schlesewsky
1330-1400	Titia Benders – Songs for early word segmentation
1400-1430	Sithembinkosi Dube – Effects of perceptual salience on morphosyntactic processing in 9-11-year-olds
1430-1500	Valeria Peretokina – Perception of English coda consonants by Mandarin learners of English
1500-1530	<b>Afternoon Tea/Coffee (Level 1)</b>
1530-1535	Introduction of Keynote Speaker 4 – Chair: Stephen Crain
1535-1630	Keynote 4 Jesse Snedeker – Prosody and pragmatics in high-functioning autism: insights from the visual world paradigm
1630-1645	<b>Closing Remarks</b> – Katherine Demuth

## Poster presentations

### 1. **Unlocking voices: developing a neural marker for receptive language ability in minimally-verbal children with autism**

Sélène Petit<sup>1</sup>, Alexandra Woolgar<sup>\*2,3</sup>, Nicholas A. Badcock<sup>3</sup>, Nadene Demody<sup>2,3</sup>, Elaine Schmidt<sup>4,3</sup>, Anina N. Rich<sup>2,3</sup>, Jon Brock, & Lyndsey Nickels<sup>3</sup>

<sup>1</sup> *Grenoble Institute of Technology, Grenoble, France*; <sup>2</sup> *Perception in Action Research Centre (PARC), Faculty of Human Sciences, Macquarie University, Sydney*; <sup>3</sup> *ARC Centre of Excellence in Cognition and its Disorders (CCD)*;

<sup>4</sup> *Child Language Lab, Department of Linguistics, Macquarie University, Sydney*

### 2. **Diffusion weighted imaging analysis of children with attention deficit hyperactivity disorder and language problems**

Hannah Korrel<sup>\*1</sup>, Emma Sciberras<sup>1,2,3,4</sup>, Vicki Anderson<sup>1,2,4</sup>, & Tim Silk<sup>1,2</sup>

<sup>1</sup> *Murdoch Childrens Research Institute, Australia*; <sup>2</sup> *Department of Paediatrics, The University of Melbourne, Australia*; <sup>3</sup> *Deakin University, Australia*; <sup>4</sup> *The Royal Children's Hospital, Australia*

### 3. **Interactions without violations: Music and language share syntactic processing resources**

Anna Fiveash<sup>\*1,2</sup>, Genevieve McArthur<sup>1,3</sup>, & William F. Thompson<sup>1,2</sup>

<sup>1</sup> *ARC Centre of Excellence in Cognition and its Disorders (CCD)*; <sup>2</sup> *Department of Psychology, Macquarie University, Sydney*; <sup>3</sup> *Department of Cognitive Science, Macquarie University, Sydney*

### 4. **The Overlap between Music- and Language-syntactic Processing: Evidence from an EEG study of Congenital Amusia**

Yanan Sun<sup>\*1,2</sup>, Xuejing Lu<sup>2,3</sup>, Hao Tam Ho<sup>2,3</sup>, Blake W. Johnson<sup>1,2</sup>, & William F. Thompson<sup>2,3</sup>

<sup>1</sup> *Department of Cognitive Science, Macquarie University, Sydney*; <sup>2</sup> *ARC Centre of Excellence in Cognition and its Disorders (CCD)*; <sup>3</sup> *Department of Psychology, Macquarie University, Sydney*