

**INTERNATIONAL CONFERENCE ON  
WORKING MEMORY**

Cambridge, 9-11<sup>th</sup> July 2014

**PROGRAMME**

## **Wednesday 9<sup>th</sup> July – Afternoon and reception**

12pm Registration at the University Arms Hotel

12-2pm **Poster session I** and Lunch, Mezzanine

### **Presentations, Session I, Main room:**

2.00pm **Susan Gathercole** (Cognition and Brain Sciences Unit)  
*Introduction to ICWM*

2.05pm **Alan Baddeley** (University of York)  
*Working memory at 40*

2.50pm **Pierre Barrouillet** (University of Geneva)  
*Loss of information from working memory*

3.10pm **Valerie Camos** (University of Fribourg)  
*The mechanisms of reconstruction in working memory*

3.30pm **Andrew Conway** (Princeton University)  
*Process Overlap Theory: A new interpretation of working memory capacity*

3.50pm *Refreshments*

4.20pm **Clive Frankish** (University of Bristol)  
*Memory for alternating lists: evidence for, rather than against, chaining models of serial order*

4.40pm **Steve Majerus** (Université de Liège, Belgium)  
*Working memory for serial order and the development of verbal and numerical abilities*

5.00pm **Klaus Oberauer** (University of Zurich)  
*Removal of distractors in complex working memory span tasks*

6-8pm **Drinks reception**  
MRC Cognition and Brain Sciences Unit

## Thursday 10<sup>th</sup> July – Morning and lunch

### Presentations, Session II, Main room:

- 9.15am        **Graham Hitch** (University of York)  
*Exploring the episodic buffer*
- 10.00am      **Richard Allen** (University of Leeds)  
*Exploring the dynamic interplay between attention and working memory*
- 10.20am      **Dylan Jones** (Cardiff University)  
*Perceptual-motor affordance and short-term memory*
- 10.40am      **Ed Awh** (University of Oregon)  
*Tracking the content and quality of working memory with near real-time temporal precision*
- 11.00am      *Refreshments*
- 11.40am      **Simon Farrell** (University of Bristol)  
*Local and global effects of distraction in complex span*
- 12.00pm      **Brad Postle** (University of Wisconsin-Madison)  
*Revisiting assumptions about the physiological mechanisms underlying the short-term retention of information*
- 12.20pm      **Zachary Shipstead** (Arizona State University)  
*Working Memory Capacity and Fluid Intelligence: Maintenance and Disengagement*
- 12.40pm      **Nilli Lavie** (University College London)  
*Working memory and perception: dissociating maintenance and cognitive control functions through load*
- 1-2.30pm     **Poster session II** and Lunch, Mezzanine

## Thursday 10<sup>th</sup> July – Afternoon and conference dinner

### Presentations, Session III, Main room:

- 2.30pm      **Ed Vogel** (University of Oregon)  
*Inter- and intra-individual differences in visual working memory capacity and attentional lapses*
- 2.50pm      **Mark D’Esposito** (University of California, Berkeley)  
*Revising the role of persistent neural activity during working memory*
- 3.10pm      **Robert Logie** (University of Edinburgh)  
*Visual short-term memory, visual working memory and the visuo-spatial sketch pad*
- 3.30pm      **Chris Jarrold** (University of Bristol)  
*Rehearsal and the development of verbal working memory*
- 3.50pm      *Refreshments*
- 4.30pm      **Stephan Lewandowsky** (University of Bristol and University of Western Australia)  
*Mechanisms of forgetting in short-term and working memory*
- 4.50pm      **Dennis Norris** (Cognition and Brain Sciences Unit)  
*What are chunks, and where are they?*
- 5.10pm      **Saturo Saito** (Kyoto University)  
*The role of temporal factors and long-term phonotactic knowledge in verbal short-term memory*
- 5.30pm      **Mike Page** (University of Hertfordshire)  
*The phonological loop 40 years on: a mildly controversial view on what it is and what it’s for*
- 7pm          **Drinks and conference dinner**  
Trinity Hall, Cambridge (pre-booked places only)

## Friday 11<sup>th</sup> July – morning only

### Presentations, Session IV, Main room:

- 9.30am **Susan Gathercole** (Cognition and Brain Sciences Unit)  
*Working memory training, what training?*
- 9.50am **Joni Holmes** (Cognition and Brain Sciences Unit)  
*Working memory impairments and training in children with language difficulties*
- 10.10am **Donna Bayliss** (University of Western Australia)  
*Consolidating working memory: Enhancing cognitive performance through effective encoding*
- 10.30am **Poster session III** and coffee, Mezzanine
- 11.50am **John Duncan** (Cognition and Brain Sciences Unit)  
*A core brain system in assembly of cognitive episodes*
- 12.10pm **André Vandierendonck** (Ghent University)  
*Towards a working memory system with distributed executive control*
- 12.30pm **Nelson Cowan** (University of Missouri)  
*Working memory for the amount of change in an array*
- 1pm **Conference closes**