Tuesday 8th September

7:00-10.00pm Reception/Registration – drinks and canapés
Nihon Room and Japanese Garden, Pembroke College

Wednesday 9th September

7.00-9:00 am Breakfast (for those staying in Downing College Accommodation)

8:30-9:00 am Coffee on site (Pembroke College)

9:00-9:10 am Welcome and Introduction – Jon Simons

9:10-10:30 am Symposium #1: Dopaminergic contributions to the expectation–memory interaction

Chair: Daniela Montaldi

1. Emrah Düzel
   *Remembering things that are worth acting for*

2. Charan Ranganath
   *Episodic State of Mind: State-Related Influences on Memory*

3. Alex Kafkas
   *Expectation of familiar and novel stimuli modulates dopaminergic-driven memory facilitation*

10:30-11:00 am Coffee Break
11:00-12:00 pm  Open Talk Session #1 – Chair: Rik Henson

1. Chris Bird (20 mins)
   Brain regions involved in memory for realistic events: functional MRI evidence using video clips and multivariate pattern analyses
2. Hugo Spiers
   Crossing boundaries evokes hippocampal retrieval of geospatial topology
3. Eleanor Maguire
   Making a scene about memory and perception
4. Neal J. Cohen
   The Hippocampus in Navigating Life
5. Dharshan Kumaran
   Episodic Memory and Generalization: Contrasting Functions of the Hippocampus?

12:00-1:00 pm  Lunch (served on site)

1:00-2:00 pm  Open Talk Session #2 – Chair: Mike Anderson

1. Michael Kopelman
   Personal Semantic and Episodic Autobiographical Memories in Korsakoff's Syndrome: The Temporal Gradient revisited using the AMI and AI
2. Rosaleen McCarthy (20mins)
   When Familiarity Fails: Exploring retrograde knowledge in neurodegeneration and amnesia
3. Alan Baddeley
   Accelerated long-term forgetting
4. Faraneh Vargha-Khadem
   Mapping the extra-hippocampal damage in developmental amnesia
5. Simona Ghetti
   Mechanisms underlying Change in Episodic Memory
2:00-2:30 pm  **Cermak Award Talks (2x15 min. each)** – Chair: Jon Simons
sponsored by Trends in Cognitive Sciences, Nature Neuroscience, F1000

1. **Maureen Ritchey** (introduced by Charan Ranganath)
   *Post-encoding stress and its interactions with MTL learning processes*

2. **Aidan Horner** (introduced by Neil Burgess)
   *Hippocampal pattern completion of complex episodic events*

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2:30-3:00 pm  Coffee Break

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3:00-4:00 pm  **Open Talk Session #3** – Chair: Lisa Saksida

1. Michael Yassa (20 mins)
   *Beyond Blobology: Understanding memory circuits and processes in humans using high-resolution fMRI*

2. Asaf Gilboa
   *Second-order conditioning and the hippocampus*

3. Myra Fernandes
   *Neural Support for Encoding-Constrained Retrieval*

4. Andrew P Yonelinas
   *The role of the hippocampus in perception and short term memory*

5. Shayna Rosenbaum
   *Pattern Separation deficits in a person with bilateral dentate gyrus lesions*

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4:00-5:00 pm  **Barry Everitt: Keynote address** (introduced by Tim Bussey)
*Neural mechanisms underlying the reconsolidation of fear and addictive drug memories: prospects for the treatment of neuropsychiatric disorders*

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7:00-10:00 pm  Conference Dinner
Pembroke Main Hall
Thursday 10th September

7.00-9:00 am  Breakfast (for those staying in Downing College Accommodation)

8:30-9:00 am  Coffee

9:00-10:30 am  Symposium #2: Understanding memory function from patterns of brain connectivity

Chair: Gagan Wig

1. Alison Preston  
   Hippocampal-neocortical interactions reflect memory restructuring

2. Mick Rugg  
   Insights into episodic encoding and retrieval from the analysis of whole-brain event-related connectivity

3. Jesse Rissman  
   Episodic memory retrieval benefits from a less modular brain network organization

4. Gagan Wig  
   Decreased segregation of brain systems across the healthy adult lifespan

10:30-11:00 am  Coffee Break

11:00-12:00pm  Open Talk Session #4 – Chair: Jon Simons

1. Stephen Grossberg (20 mins)  
   From active 3D vision to invariant object search, learning, recognition, and memory

2. Rebecca Burwell (20 mins)  
   Object-context conjunctive coding in the postrhinal cortex

3. Morgan Barense  
   Conjunctive coding of complex objects is modified by experience

4. Craig Stark  
   Evidence for conjunctive coding of context, item, and position in human retrosplenial cortex
12:00-1:00 pm  Lunch (served on site)

1.00-1:30 pm  **Mate Lengyel: Keynote address** (introduced by Rik Henson)

*Normative approaches to hippocampal memory — cellular, circuit, and systems-level theories*

1:30-2:30 pm  **Open Talk Session #5** – Chair: Rik Henson

1. Ken Paller  
*Senior Moments and Sleep*

2. Bernhard Staresina  
*Hierarchical nesting of slow oscillations, spindles and ripples in the human hippocampus during NREM sleep*

3. Rebecca Gomez  
*The role of sleep in memory formation in young children*

4. Katharina Henke  
*Unconscious verbal learning during sleep*

5. Paul Reber  
*Implicit learning as intuition: how nonconscious knowledge influences decisions*

6. Tim Rogers  
*Semantic representation and its disorders: Connectivity, brain imaging, and a computational model*

2:30-3:00 pm  Coffee Break
3:00-4:30 pm  Symposium #3: Dissociating the components of age-related memory impairments

Chairs: Rik Henson/Jon Simons

1. Alexa Morcom  
   Proactive control of recollection in ageing and its downstream effects

2. Jon Simons  
   Representational specificity and retrieval processes in ageing

3. Elizabeth Kensinger  
   How the effects of age on memory networks differ by valence and by time

4. Rik Henson  
   Multiple determinants of ageing memories: results from a large, population-representative cohort

4:30-5:10 pm  Open Talk Session #6 – Chair: Tim Bussey

1. Mark Buckley  
   The effects of frontopolar cortex lesions on learning and memory in the monkey

2. Tim Bussey  
   Functional dissociation between dentate gyrus and CA3 subregions of the hippocampus on a novel 2- and 3-choice touchscreen-based continuous trial-unique nonmatching-to-location task (cTUNL)

3. Harry Whitaker & Nick Wade (20 mins)  
   Representation of Memory in Literature: the transition from Shakespeare’s early Renaissance view to Coleridge’s early modern view exemplified in Love’s Labour’s Lost and the Biographia Literaria

5:10-6:00 pm  Business Meeting

8:00-11:00 pm  ***MDRS PARTY NIGHT***

Party with live music including MDRS musicians (and others) jamming  
Everyone invited. Cash bar.

New Cellars, Foundress Court, Pembroke College
Friday 11th September

7.00-9:00 am  Breakfast (for those staying in Downing College Accommodation)

8:30-9:00 am  Coffee

9:00-10:30 am  Symposium #4: Attention and Memory: A Two-Way Street

  Chair: Brad Postle

  1. Kia Nobre
     *Orienting attention based on long-term memory*

  2. Sharon Thompson-Schill
     *Putting concepts in context with attentional control*

  3. Jarrod Lewis-Peacock
     *Forgetting intentionally through biased competition*

  4. David Badre
     *Shaping working memory gating to adapt to a dynamic world*

10:30-11:00 am  Coffee Break

11:00-12:20 pm  Open Talk Session #7 – Chair: Mike Anderson

  1. Andy Lee
     *Investigating the interactions between temporal duration and memory*

  2. Brad Postle (20 mins)
     *Biased competition underlies prioritisation in working memory*

  3. Bradley Love (20 mins)
     *When Limits in Attention are Really Limits in Memory Retrieval*

  4. Jennifer Ryan
     *The neuroanatomical basis for memory-guided visual behaviour*

  5. Nick Turk-Browne
     *Memory-based prediction from action*

  6. Joel Voss
     *Manipulating the structure of episodic memories via active selection and retrieval*
12:20-1.00 pm  Open Talk Session #8 – Chair: Mike Anderson

1. Mark D’Esposito
   *The Modular Brain: Implications for the understanding and rehabilitation of memory disorders*

2. Narinder Kapur, Bonnie-Kate Dewar & Mike Kopelman
   *Do Memory Aids Aid Memory?*

3. Elisa Ciaramelli
   *The ventromedial prefrontal cortex is necessary for mind-wandering*

4. Veronique Bohbot
   *Food for your hippocampus: another reason to eat your green veggies!*

1.00 pm  Packed Lunch available

1.30-3.00 pm  PUNTING

See you next year in Princeton
Map of Pembroke College

Pembroke College, Trumpington Street, Cambridge CB2 1RF
Porter's Lodge: +44 (0) 1223 338100
Short walking route from Downing College to Pembroke College: Walk behind Downing library and through gate by bike sheds (note opening hours), turn left, walk to Tennis Court Rd, turn right, walk 100 yards, cross road, use Pembroke gate (note opening hours). At other times, walk left along St Andrew's St, turn left down Downing St/Pembroke St, left onto Trumpington St, and use main Pembroke gate (0.5 miles)
Restaurants and Cafes

GETTING TO YOUR RESTAURANT /COFFEE SHOP /PUB
1. Walk! (Many are close enough to walk – see notes below).
2. Taxi. Taxis in Cambridge need to be booked by phone, unless you stumble upon a taxi rank.
   To Book a taxi:
   1. Call yourself by phone or skype (e.g., PANTHER TAXI = +44 (0) 1223 715 715)
   2. If staying at Downing, ask at Porter’s Lodge to book you one
   3. Ask a local to book you one.
   Upon Returning: Tell Taxi to take you to “Pembroke Porter’s Lodge”

CHOOSING YOUR RESTAURANT
LUNCH --------FOR A QUICK LUNCH
Generally, BENET street is very convenient to Pembroke college, and is near to the market Square, which has many eateries. Below are some particularly GOOD quality and fast places in this area.

   Most Dazzlingly Good Sandwich in Cambridge (Lunch Only)
      Bread and Meat (Walkable)
      Address: 4 Bene’t Street, Cambridge CB2 3QN  Phone: 07918 083057

   Delicious Italian Fast Food
      Aromi (Walkable)—delicious, casual authentic Italian fast food.
      Address: 1 Bene’t St, Cambridge CB2 3QN  Phone: 01223 300117

   I Just Want a FAST Burrito Please
      Nana Mexico (Walkable)—near the market square, run by native Mexicans.
      29 Petty Cury, Cambridge CB2 3NB

COFFEE --------WALKABLE Coffee Houses for a quick escape (all have wireless).
   Fitzbillies----- across the street from Pembroke College (laptop friendly).
      Best Coffee; Local Favourite establishment; Great pastries, rolls, sandwiches.
      Directions: Leave main entrance of Pembroke; turn right; cross street; arrive.

   Hot Numbers (self consciously good coffee; great tunes; nice atmosphere; laptop friendly).
      Address: 4 Trumpington St, Cambridge CB2 1QA  Phone: 01223 300730
      Directions: Leave main entrance of Pembroke; turn left; walk about 5 minutes

   Caffé Nero (convenient, good coffee, warm atmosphere; laptop friendly)
      Address: 17 King’s Parade, City Centre, Cambridge CB2 1SP  Phone: 01223 327789
      Directions: Leave main entrance of Pembroke; turn right; walk about 5 minutes

   Benets Coffee Shop (Great Coffee Shop; GREAT view of King’s College; laptop unfriendly)
      Address: 21 King’s Parade, City Centre, Cambridge CB2 1SP  Phone: 01223 329068
      Directions: Leave main entrance of Pembroke; turn right; walk about 5 minutes.
      Practically next door to Caffe Nero.

   Starbucks (if you must; laptop friendly)
      Address: 18 Market St, Cambridgeshire, Cambridge CB2 3PA  Phone: 01223 328575
      Directions: Leave main entrance of Pembroke; turn right; walk about 6 minutes
DINNER OPTIONS
(Note could be lunch options too, but are not chosen to be quick and easy. Most require reservations)

Best Indian Food in Cambridge:
Navadhanya. (TAXI; sublime; Michelin Star chef). Indian Haute Cuisine.
Address: 73 Newmarket Rd, City Centre CB5 8EG  Phone: 01223 300583

The Rice Boat (Walkable, but Taxi easier). Very good.
Address: 37 Newnham Rd, Cambridge CB3 9  Phone:01223 302800

Brilliant Barbeque in Cambridge
Smokeworks Barbeque (walkable)---there’s no beating Texas Barbeque, but Smokeworks is outstanding.
Address: 2 Free School Ln, Cambridge CB2 3QA (no bookings, just turn up)

Top-Rated “Art Cuisine” (not necessarily high price) Restaurants
The Oak Bistro (walkable)---nice outdoor courtyard, if weather is good
Address: 6 Lensfield Rd, Cambridge CB2 1EG  Phone:01223 323361

Cotto (Taxi)—probably the top Cambridge art-food restaurant.
Address: 183 East Rd, Cambridge CB1 1BG  Phone:01223 302010

Midsummer House (Taxi; super high end quality and expense; 2 Michelin Stars)
Address: Midsummer Common, Cambridge CB4 1HA  Phone:01223 369299

Alimentum (Taxi)—continental cuisine; Michelin Star
Address: 152-154 Hills Rd, Cambridge CB2 8PB  Phone:01223 413000

Restaurant22 (Taxi) elegant, fine dining—British—Lovely Victorian setting
Address: 22 Chesterton Rd, Cambridge CB4 3AX  Phone:01223 351880

Polish Food  So, you are curious to try authentic Polish Food (delicious!)
Klub Polonia (Taxi) — Very cozy and home-like. A hidden gem.
Address: 231 Chesterton Rd, Cambridge CB4 1AS  Phone:01223 365854

Argentinian Steak House
Cau (Walkable)--- high quality steak-oriented restaurant; Chic vibe.
Address: 15 Bene’t St, Cambridge CB2 3QN  Phone:01223 357000

Views of Kings College with My Meal Please.
Cambridge Chop House (Walkable). Excellent British food, meat-oriented. Best view of any local restaurant of the University of Cambridge. Game (e.g., Squirrel) available.
Address: 1 King's Parade, Cambridge CB2 1SJ  Phone:01223 359506

Turkish/Mediterranean/Middle Eastern Food
Efes Restaurant (Walkable, Taxi better). Buzzing Turkish establishment, delicious food.
Address: 80 King St, Cambridge CB1  Phone:01223 500005

Bedouin Restaurant (Taxi). Highly rated, very atmospheric.
Address: 98-100 Mill Rd, Cambridge CB1 2BD  Phone:01223 367660

Al Casbah (Taxi). Moderately priced, somewhat atmospheric
Address: 62 Mill Rd, Cambridge CB1 2AS  Phone:01223 561666
French Style Brasserie

**Cote Brasserie (Walkable).** Delicious French meals, with a great view of St. Johns College
Address: 21-24 Bridge St, Cambridge CB2 1UF  Phone:**01223 311053

**Hotel du Vin (Walkable).** Excellent French Food; superb whisky bar downstairs
Address: 15-19 Trumpington St, Cambridge CB2 1QA  Phone:**0844 736 4253

Korean Food

**Bibimbap House (Taxi).** Truly superb food, delightful owners, and very reasonably priced.
Address: 60 Mill Rd, Cambridge CB1 2AS  Phone:**01223 506800

Sea Food

**Loch Fyne (Walkable).** You want seafood? Go here.
Address: 37 Trumpington St, Cambridge CB2 1QY  Phone:**01223 362433

Thai Food

**Sala Thong (Walkable).** Consistently delicious Thai, surprisingly affordable given the quality
Address: 35 Newnham Rd, Newnham, Cambridge CB3 9EY  Phone:**01223 323178

Vietnamese—very nice!

**Thanh Binh (Walkable).** A hidden gem of a place; flavourful and out of the ordinary.
Address: 17 Magdalene St, Cambridge CB3 0AF  Phone:**01223 362456

Italian Food

**Don Pasquale (Walkable) in the centre, on the market square:** well loved Italian restaurant.
Address: 12 Market Hill, Cambridge CB2 3NJ  Phone:**01223 367063

**De Luca Cucina and Bar (Walkable)—**Good Italian food if Don Pasquale is full.
Address: 83 Regent St, Cambridge CB2 1AW  Phone:01223 356666

Great Authentic Gastro Pubs

**The Three Horseshoes (Taxi)—**just outside Cambridge in Madingly, a very old pub with nice atmosphere and superb food.
Address: High St, Madingly, Cambridge CB23 8AB  Phone:**01954 210221

**The Punter (Walkable, Taxi better)—**Great gastropub—quality to price ratio excellent here.
Address: 3 Pound Hill, Cambridge CB3 0AE  Phone:**01223 363322

**The Hole in the Wall (Taxi).** Great Gastropub. Chef won **Master Chef**
Address: 2 High St, Little Wilbraham, Cambridge CB21 5JY  Phone:**01223 812282

**Tickell Arms (Taxi).** Great Gastropub.
Address: 1 North Rd, Whittlesford, Cambridge CB22 4NZ  Phone:**01223 833025

I just want a Burger Please.

**Gourmet Burger Kitchen (walk)—**name sums it up. Burgers are very good.
Address: 43-45 Regent Street, Cambridge CB2 1AB  Phone:**01223 312598

Vegetarian—High quality

**The Rainbow Café (Walkable).** Highly rated vegetarian restaurant, lots of vegan options
Address: 9A King’s Parade, Cambridge CB2 1SJ  Phone:**01223 321551
Cambridge has over 100 pubs, many of them excellent. Here are a few that we like, many in walking distance.

*The Eagle (walkable)*—Where Watson and Crick announced the Double Helix
Address: 8 Benet Street, Cambridge CB2 3QN  Phone:*01223 505020

*Pint Shop (walkable)*—convenient and very nice;
Address: 10 Peas Hill, Cambridge CB2 3PN  Phone:*01223 352293

*The Mill (walkable)*—really great for an afternoon/evening pint, next to the River Cam
Address: 14 Mill Ln, Cambridge CB2 1RX  Phone:*01223 311829

*Cambridge Blue (Taxi)*.  Exceedingly large beer selection; Great beer garden.
Address: 85-87 Gwydir St, Cambridge CB1 2LG  Phone:*01223 471680

*Kingston Arms (Taxi)*.  Atmospheric pub; great beer garden
Address: 33 Kingston St, Cambridge CB1 2NU  Phone:*01223 319414

*The Elm Tree (Taxi)*
Address: 16A Orchard St, Cambridge CB1 1JT  Phone:*01223 502632

*Free Press (Taxi)*.
Address: 7 Prospect Row, Cambridge, CB1 1DU  Phone:*01223 368337

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**Useful Contact Numbers**

Pembroke College Porter’s Lodge: +44 (0) 1223 338100
Downing College Porter’s Lodge: +44 (0) 1223 334800
Regent Hotel: +44 (0) 1223 351470
Cambridge City Hotel: +44 (0) 1223 464491
DoubleTree Hilton: +44 (0) 1223 259988

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