

EPS/BBCS JOINT MEETING, CAMBRIDGE 19-22 JULY. 2000

Programme and Information

This is the third joint meeting of the Experimental Psychology Society and the Canadian Society for Brain, Behaviour and Cognitive Science. The first two were held in Oxford in 1987, and in Toronto in 1993. Both were excellent scientific meetings and also stimulating and friendly occasions; we are confident that Cambridge 2000 will follow in the same tradition.

Both Societies' distinguished annual lectures will be delivered at this meeting: Prof Jane Stewart (Concordia University, Montréal) will give the Hebb Award lecture on Wednesday evening, and Prof Anthony Dickinson (Cambridge University) will give the Sir Frederic Bartlett Lecture on Friday evening.

There will be 11 symposia combining Canadian and British speakers, together with guest speakers from Europe, the USA and Australia. About 80 further talks will be delivered by individual members of EPS and BBCS and their guests, and over 70 posters will be presented at the poster session on Thursday. The winner of the 1999 Undergraduate Project Prize, awarded annually by EPS and the British Association for the Advancement of Science, will speak about her research project at a session on Friday.

There will be Business Meetings of both Societies. The EPS Business Meeting is on Friday afternoon. The BBCS Business meeting may also start on Friday afternoon (to be confirmed) but the main session will be Saturday lunchtime. See the Talks programme for details of times and places.

As for the indispensable social events, details of the conference dinner at King's College, and other receptions, will be found in the Conference Information section of the programme.

The scientific programme and abstracts will also be found on the EPS website
<http://www.psy.gla.ac.uk/eps.html>

Contents

	Page
Information for talk and poster presenters	1
Talks programme	2
Poster programme	12
Conference information	16
Cambridge information:	19
Accommodation, travel, parking, food and drink, visitor information	

INFORMATION FOR TALK AND POSTER PRESENTERS

Talks

- Speakers are asked to finish a few minutes before the end of the 20 minutes allowed, to give time for questions.
- Timing can be more flexible within symposia, and discussion may continue into a following coffee/lunch break, at the discretion of the Chair. But please ensure that the next session after yours can start as scheduled.
- All lecture rooms will have slide and overhead transparency projectors, and projectors suitable for video and Powerpoint presentation. Powerpoint users, please note the following paragraphs!
- Powerpoint: the computers provided will be Macintoshes capable of reading either Mac or IBM format disks. They will have version 4.0 of Powerpoint installed.
 - *If bringing your presentation on disk*, either Mac or IBM format, then if it was originally created in a later version please ensure that the file is saved in version 4.0.
 - *Spare Macs will be found* in the tea/coffee area in Experimental Psychology, with identical software installed; we suggest you try out your disk in one of these machines ahead of time, to check that it runs successfully.
 - *If bringing your own notebook computer* you can of course use any computer and any version of Powerpoint, but it is your responsibility to provide the appropriate connector (dongle). Maplin's at 46-48 St. Andrews Street, Cambridge, CB2 3BH (tel 01223 369758) sells a wide range of dongles.
- Powerpoint users are asked to bring copies of their slides as overhead transparencies, in case of technical problems, as we will not be able to delay the start of talks in order to sort these out.

Posters

- The poster session will be in the Chetwynde Room and the Keynes Theatre at King's College, 16:30 - 18:30 on Thursday 20 July. Posters must be put up *before* the start of the session: the rooms will be open from 13:00 onwards on Thursday for this purpose. Helpers from the Experimental Psychology Department will be on hand during the afternoon.
- The maximum poster size is 120 cm (horizontal) x 90 cm (vertical). Boards will be numbered to correspond to poster numbers as shown in the programme.
- Presenters are asked to be at their posters for at least one hour of the two-hour session. We suggest that odd-numbered poster presenters be available from 16:30-17:30, and even-numbered poster presenters from 17:30-18:30.
- Tea, coffee and biscuits will be available free of charge during the poster session.

Please remove your poster at the end of the session as the rooms are required for other users.

**WEDNESDAY 19 July, 6.00pm Physiology Lecture Theatre III,
The Hebb Award Lecture
Jane Stewart (Concordia Univ, Montreal)
"Making Sense of Humours"**

**THURSDAY 20 July 9-10.40 am Session A
Genetics Biffen Lecture Theatre**

**THURSDAY 20 July 9-10.40 am Session B
Biochemistry Lecture Theatre**

Symposium: "Role of knowledge, logic & normative standards in human inference"

Organiser: Valerie Thompson

- 9.00 **Simon Handley and Joanna Lott** (Univ of Plymouth)
The role of suppositions in the development of children's reasoning
- 9.20 **Mike Oaksford, Nick Chater and Joanne Larkin** (Cardiff Univ)
Probabilities and polarity biases in conditional inference
- 9.40 **Jo Sellen and Mike Oaksford** (Cardiff Univ)
Paradoxical individual differences in conditional inference
- 10.00 **Jonathan Fugelsang and Valerie Thompson** (Univ of Saskatchewan)
Knowledge-based reasoning about causes and consequences
- 10.20 **Aidan Feeney and Jonathan Evans** (Univ of Durham and Univ of Plymouth)
Background beliefs about the probability of the evidence in hypothesis testing

Symposium: "It's about time"

Organiser: Simon Grondin

- 9.00 **Lorraine Allan** (McMaster Univ)
The time of my life
- 9.20 **C M Bradshaw, M-Y Ho, T-J Chiang** Error! Bookmark not defined., **S Mobini and E Szabadi** (Division of Psychiatry, Univ of Nottingham)
Temporal discrimination and temporal differentiation of behaviour: Evidence for distinct neural mechanisms
- 9.40 **Simon Grondin** (Université Laval, Québec)
It's about time making sense, or perhaps about senses making time
- 10.00 **Peter R Killeen** (Arizona State Univ, USA)
DMTS as JOR
- 10.20 **J H Wearden** (Manchester Univ)
Infernal machines! Exploring internal clocks and other timing processes

10.40 **COFFEE**

THURSDAY 20 July 11.20-1 pm *Session A*
Genetics Biffen Lecture Theatre

(Inference Symposium continued)

- 11.20 **Valerie Thompson, Jonathan Evans and Simon Handley** (Univ of Saskatchewan and Univ of Plymouth)
Warnings and inducements as argument
- 11.40 **Steven Newstead, Simon Handley and Valerie Thompson** (Univ of Plymouth and Univ of Saskatchewan)
Alternatives, falsification, and mental models theory

(end of symposium)

- 12.00 **Peter Dixon** (Univ of Alberta)
The p-value fallacy: Why inferential statistics don't describe results
- 12.20 **R H Logie, S Della Sala, G Cocchini and A D Baddeley** (Univ of Aberdeen and Univ of Bristol)
Dual task co-ordination versus task difficulty: Evidence from Alzheimer patients and healthy adults
- 12.40 **Margaret Crossley** (Univ of Saskatchewan)
A longitudinal study revealing age-related stability in dual-task performance

THURSDAY 20 July 11.20-1 pm *Session B*
Biochemistry Lecture Theatre

- 11.20 **Angelo Santi, Lori Ross and Andrew Miki** (Wilfrid Laurier Univ, Ontario)
Stimulus modality and the perception of empty time intervals in pigeons

Symposium: "Development of motion perception"

Organiser: Terri L. Lewis

- 11.40 **J Anthony Movshon** (Howard Hughes Medical Inst at New York Univ, USA)
Processing of motion information in the primate cerebral cortex

- 12.00 **Oliver Braddick, John Wattam-Bell, Alexandra Mason and Janette Atkinson** (Visual Development Unit, Univ College London)
Interacting motion processing mechanisms in the developing infant
- 12.20 **Paul Azzopardi, Mazyar Fallah, Charles Gross, Hillary Rodman and Alan Cowey** (Univ of Oxford, Princeton Univ, USA and Psychology Dept and Yerkes RPRC, Emory Univ, USA)
What does blindsight tell us about the functional architecture of motion perception?
- 12.40 **Terri L Lewis, Dave Elleberg, Daphne Maurer, Nancy Defina and Henry P Brent** (The Hospital for Sick Children, Toronto; McMaster Univ and Univ of Toronto)
The perception of local and global motion after early pattern deprivation in humans.

1.00 LUNCH

THURSDAY 20 July 2-4.20 pm *Session A*
Genetics Biffen Lecture Theatre

- 2.00 **M. Kathleen Pichora-Fuller, Bruce Schneider and Hollis Pass**
(Univ of British Columbia and Univ of Toronto)
Temporal jitter disrupts speech intelligibility: Simulations of auditory aging

Symposium: "Cognitive aging"

Organisers: Patrick Rabbitt and Fergus Craik

- 2.20 **Patrick Rabbitt** (Age And Cognitive Performance Research Unit, Univ of Manchester)
Age slows, and so sometimes obliterates consciousness of events.
- 2.40 **Elizabeth A Maylor and Derrick G Watson** (Univ of Warwick)
Aging and visual marking: Selective deficits for moving stimuli.
- 3.00 **Moshe Naveh-Benjamin** (Ben-Gurion Univ of the Negev, Israel)
Adult-age differences in memory performance: Tests of an associative deficit hypothesis
- 3.20 **Tim Perfect, Chris Moulin and Martin Conway** (Univ of Plymouth, Univ of Reading and Univ of Bristol)
Retrieval induced forgetting in normal aging.
- 3.40 **Louise Phillips and Mairi MacLeod** (Aberdeen Univ)
Adult aging and planning ability
- 4.00 **Discussant: Fergus Craik** (Univ of Toronto)

THURSDAY 20 July 2-4.20 pm *Session B*
Biochemistry Lecture Theatre

Attention, space and time

- 2.00 **Sébastien Tremblay and Dylan M Jones** (Cardiff Univ)
Auditory attentional blink in the presence or absence of filler items
- 2.20 **Jay Pratt and Allison B Sekuler** (Univ of Toronto)
Attention, occlusion, and previous experience
- 2.40 **S Soto-Faraco, C Spence, A Kingstone and J Duncan** (Univ of British Columbia, Univ of Oxford and Cognition & Brain Sciences Unit, Cambridge)
Spatial modulation of intramodal and crossmodal temporal processing deficits
- 3.00 **Raymond Klein, Bruce Dick, Jason Ivanoff and Tracy Taylor**
(Dalhousie Univ, Halifax)
Is perception, attention or action inhibited following spatial reorienting?
- 3.20 **Janice J Snyder, William C Schmidt and Alan Kingstone** (Univ of Alberta, Univ at Buffalo, USA and Univ of British Columbia)
A facilitatory effect does not contribute to the inhibition of return effect
- 3.40 **Katherine Arbuthnott and Todd Woodward** (Univ of Regina and Univ of British Columbia)
Is task-set inhibition in set switching location specific?
- 4.00 **Sandra Pouliot and Sylvain Gagnon** (Univ of Quebec)
Is egocentric space automatically encoded?

4.30 – 6.30 POSTERS AND TEA (King's College; Chetwynde Room & Keynes Theatre)

7.15 WINE RECEPTION (King's College, back lawn)

8.00 DINNER (The Great Hall, King's College)

FRIDAY 21 July 9-10.20 am *Session A*
Physiology Lecture Theatre III

FRIDAY 21 July 9-10.20 am *Session B*
Biochemistry Lecture Theatre

FRIDAY 21 July 9-10.20 am *Session C*
Geography Small Lecture Theatre

Symposium: “Neuroimaging of memory”

Organiser: Roberto Cabeza

- 9.00 **Paul Fletcher** (Research Dept of Psychiatry, Univ of Cambridge)
The role of the left prefrontal cortex in encoding of episodic memory
- 9.20 **Roberto Cabeza** (Univ of Alberta, Edmonton)
Involvement of prefrontal regions on episodic memory retrieval: Mode, success, effort, and GRAM
- 9.40 **Adrian M Owen** (MRC Cognition and Brain Sciences Unit, Cambridge)
The functional organisation of working memory processes within the lateral frontal cortex.
- 10.00 **Cheryl L Grady** (Rotman Research Inst, Univ of Toronto)
Age-related differences in brain activity during memory

Attention

- 9.00 **Eric Richards and Jennifer Stolz** (Univ of Waterloo)
The resource demands of semantic priming
- 9.20 **Bruce Milliken, Juan Lupianez, Karmen Bleile and Jason Leboe** (McMaster Univ and Universidad de Granada, Spain)
Binding action to a source: Evidence from stroop priming
- 9.40 **Jason Tipples, Andy Young, Philip Quinlan, Paul Broks and Andy Ellis** (Univ of York and Univ of Sheffield)
Searching for threat
- 10.00 **Michael E J Masson, Daniel N Bub and Todd S Woodward** (Univ of Victoria)
Modulation of specific processes in task switching

Language development and impairment

- 9.00 **Sandra A Wiebe and James M Clark** (Inst of Child Development, Univ of Minnesota, USA)
Assessing inhibitory control in children and adults with a picture choice task
- 9.20 **Graham Schafer** (Univ of Reading)
(Introduced by Professor D Berry)
Intervention in early word learning: An experimental approach
- 9.40 **G M McArthur and D V M Bishop** (Univ of Oxford)
Mismatch negativity and auditory backward recognition masking performance in people with a specific language impairment.
- 10.00 **Dorothy Bishop, Courtenay Frazier Norbury and Josie Briscoe** (Univ of Oxford)
“Yesterday I stroke a horse”: Can children’s problems with verb morphology be explained in terms of a low-level auditory deficit?

10.20 **COFFEE**

FRIDAY 21 July 11-1 pm *Session A*
Physiology Lecture Theatre III

FRIDAY 21 July 11-1 pm *Session B*
Biochemistry Lecture Theatre

FRIDAY 21 July 11-1 pm *Session C*
Geography Small Lecture Theatre

	<p>Symposium: “Temporal lobe function in episodic and semantic memory” Organisers: Karalyn Patterson and Kim Graham</p>	<p>11.00 EPS Undergraduate Project Prize Donna M Lloyd (Univ of Manchester) Crossmodal links in covert endogenous spatial attention between audition and touch</p>	
11.00	<p>Elisabeth A Murray (National Inst of Mental Health, Bethesda, USA) Perceptual-mnemonic functions of the perirhinal cortex in macaques</p>	<p>Symposium: “Confidence in human judgement” Organisers: Joseph V Baranski and Nigel Harvey</p>	<p>11.00 Susan E Boehnke and Dennis P Phillips (Dalhousie Univ, Halifax) The spatial tuning of human auditory perceptual channels under binaural and monaural conditions</p>
11.30	<p>Morris Moscovitch (Univ of Toronto at Mississauga) Remote memory and the hippocampal complex in humans</p>	<p>11.20 Tim Rakow, Sarah Finer and Nigel Harvey (Univ College London) Moderation of base rate neglect by group discussion and range specification: A calibration study</p>	<p>11.20 C D Tsang and L J Trainor (McMaster Univ) The effect of spectral slope on infants' discrimination of timbre</p>
12.00	<p>Kim S Graham (MRC Cognition and Brain Sciences Unit, Cambridge) Semantic dementia: A challenge to the multiple-trace model of memory consolidation?</p>	<p>11.40 Alastair McClelland, John Haynes and Zhuo Jia Sun (Univ College London) The hard-easy effect in the calibration of subjective probabilities: The effect of defining 'difficulty' in terms of absolute difference rather than familiarity</p>	<p>11.40 D A Hall, I S Johnsrude, M S Gonçalves, M P Haggard, A R Palmer, A Q Summerfield, M A Akeroyd and R S J Frackowiak (MRC Inst of Hearing Research, Nottingham and Wellcome Dept of Cognitive Neurology, London) Hierarchical processing in the auditory cortex? fMRI mapping of responses to spectral and temporal complexity</p>
12.30	<p>Faraneh Vargha-Khadem, David G Gadian and Mortimer Mishkin (Inst of Child Health, Univ College London and National Inst of Mental Health, Bethesda, USA) Dissociations in cognitive memory: The syndrome of developmental amnesia.</p>	<p>12.00 William M Petrusic and Joseph V Baranski (Carleton Univ, Ottawa and DCIEM, Toronto) Judging confidence influences decision processing</p>	<p>12.00 Sophie K Scott, Stuart Rosen, Catrin Blank and Richard J S Wise (Inst of Cognitive Neuroscience and Dept of Phonetics, Univ College London, MRC Cyclotron Unit, Hammersmith Hospital) (Introduced by James Blair) Subsystems in the human auditory cortex - evidence from functional neuroimaging studies</p>
		<p>12.20 Jack B Soll and Joshua Klayman (INSEAD, Fontainebleau, France and Univ of Chicago, USA) Explaining extreme overconfidence on interval questions</p>	<p>12.20 Susanna Millar and Zainab Al-Attar (Univ of Oxford) Multisensory coding: Implications of findings on tactile illusions.</p>
		<p>12.40 Joseph V Baranski and William M Petrusic (DCIEM, Toronto and Carleton Univ, Ottawa) Subjective probability in the assessment of threat: Comparing expert vs. novice use of inconclusive information</p>	<p>12.40 Gemma Calvert (Univ of Oxford) (Introduced by Professor D Bishop) How does the brain solve the crossmodal binding problem? Insights from fMRI studies of audio-visual and visuo-tactile integration.</p>

1.00 LUNCH

FRIDAY 21 July 2-3.20 pm *Session A*
Physiology Lecture Theatre III

FRIDAY 21 July 2-3.20 pm *Session B*
Biochemistry Lecture Theatre

FRIDAY 21 July 2-3.20 pm *Session C*
Geography Small Lecture Theatre

Symposium: “Parietal lobe in vision and visuomotor control”

Organisers: Melvyn A Goodale and A David Milner

- 2.00 **Melvyn A Goodale and Yaoping Hu** (MRC Group on Action and Perception, Univ of Western Ontario)
Frames of reference and timing in the visual control of skilled actions
- 2.20 **A David Milner and H Chris Dijkerman** (Univ of Durham and Univ of Utrecht, Netherlands)
Two routes from vision to action: Effects of bilateral posterior parietal damage.
- 2.40 **Michel Desmurget** (Psychophysique et Neuropsychologie Espace et Action, INSERM Unité 94, Bron, France)
How does the posterior parietal cortex control visually guided actions?
- 3.00 **Jody C Culham, Rieko Osu, A David Milner, Joseph S Gati, Ravi S Menon and Melvyn A Goodale** (MRC Group on Action and Perception, Univ of Western Ontario and Univ of Durham)
Visually guided grasping produces fMRI activation in human anterior intraparietal sulcus.

Symposium: “New research on human motivations for alcohol use”

Organiser: S H Stewart

- 2.00 **N Comeau, S H Stewart, P Loba, E Rhyno and H L Loughlin** (Dalhousie Univ, Halifax)
Adolescents' motives for cigarette smoking and marijuana use: Factor structure and relations to motives for alcohol use.
- 2.20 **S H Stewart, C J Roney, D R Lehman, L Chung, N Lawson and A Mueller** (Dalhousie Univ, Halifax, Kings College, Ontario and Univ of British Columbia)
Relations of drinking motives to promotion- and prevention-focus in other behavioral domains
- 2.40 **P J Conrod, P Woicik, S H Stewart and R O Pihl** (State Univ of New York at Stony Brook, USA, Dalhousie Univ, Halifax and McGill Univ)
Relations between four personality risk factors for alcohol abuse and reinforcement-specific motives for drinking in non-alcoholic and substance abusing samples
- 3.00 **W M Cox** (Univ of Wales, Bangor)
Motivational patterns as predictors of alcohol use and the likelihood of change

Categorization and diagnosis

- 2.00 **John R Vokey, Jason M Tangen and Kevin Eva** (Univ of Lethbridge and McMaster Univ)
PCA network models of memory and perceptual processes: A matter of style
- 2.20 **A J Wills** (Cambridge Univ) (Introduced by I P L McLaren)
Categorization and the “Ratio Rule”
- 2.40 **Lee R Brooks and Sam D Hannah** (McMaster Univ)
Relation between perceptual and informational learning of family resemblance structures
- 3.00 **Kevin W Eva and Lee R Brooks** (McMaster Univ)
The under-weighting of implicitly generated alternatives

FRIDAY 21 July 4-5.20 pm *Session A*
Physiology Lecture Theatre III

FRIDAY 21 July 4-5.20 pm *Session B*
Biochemistry Lecture Theatre

FRIDAY 21 July 4-5.20 pm *Session C*
Geography Small Lecture Theatre

Causal learning

- 4.00 **Robin A Murphy and Stefanie Schmeer** (Univ of Hertfordshire)
An associative learning model of the illusory correlation effect
- 4.20 **I P L McLaren** (Univ of Cambridge)
Associatively mediated anti-generalisation in memory
- 4.40 **Jan De Houwer** (Univ of Southampton)
(Introduced by Professor David Shanks)
Two new forms of retrospective revaluation in human contingency learning.
- 5.00 **David R Shanks and J Perales** (Univ College London and Univ of Granada, Spain)
Normative and descriptive accounts of the influence of power and contingency on causal judgment

Movement and skill

- 4.00 **Friederike Schlaghecken and Martin Eimer** (Univ of Cambridge)
Motor activation and inhibition elicited by masked primes: A threshold model and experimental evidence
- 4.20 **Georgina M Jackson and Stephen R Jackson** (Univ of Nottingham)
Selection-for-action: Evidence from bimanual reach-to-grasp movements directed toward single and multiple 'objects'
- 4.40 **Marco Bertamini and Heiko Hecht** (Univ of Liverpool and Man-Vehicle Lab, Cambridge, MA, USA)
(Introduced by Dr R Lawson)
Understanding projectile acceleration
- 5.00 **Peter McLeod, Nick Reed and Zoltan Dienes** (Oxford Univ and Sussex Univ)
Implicit knowledge and motor skills: What people who can catch a ball do not know.
- 5.30 BBCS Business meeting part 1 (Biochemistry Lecture Theatre)

Drugs and hormones

- 4.00 **Denys deCatanzaro** (McMaster Univ)
The role of androgens and estrogens in the Bruce effect
- 4.20 **Lianne Stanford, Scott M Weiss and Kelly J Stanhope** (Depts of Psychology and Neuroscience, Dalhousie Univ, Halifax and Dept of Neuropharmacology, Cerebrus Ltd., Wokingham)
Effects of the benzodiazepine receptor agonist chlordiazepoxide & the 5-HT1A antagonist WAY100635 on behaviour in the rat elevated zero maze are not influenced by the light/dark cycle.
- 4.40 **Lisa E Kalynchuk, Janet Menard and Michael J Meaney** (Dalhousie Univ and Douglas Hospital Research Center, McGill Univ)
The effect of long-term amygdala kindling on emotional behavior may be related to receptor regulation within the dentate gyrus.
- 5.00
- 5.30 EPS Business meeting (Geography Small Lecture Theatre)

6.00 Physiology Large Lecture Theatre 28th Bartlett Lecture
Anthony Dickinson (Univ of Cambridge)
Causal learning

SATURDAY 22 July 9-10.40 am
Session A
Physiology Lecture Theatre III

SATURDAY 22 July 9-10.40 am
Session B
Biochemistry Lecture Theatre

SATURDAY 22 July 9-10.40 am
Session C
Geography Small Lecture Theatre

Neuropsychology

- 9.00 **Chris McManus and Julia Tomlinson** (Univ College London)
Objects look larger with the left eye than the right eye
- 9.20 **Alex Easton** (Univ of Oxford) (Introduced by Dr D Gaffan)
The medial forebrain bundle must interact with the cortex for normal object recognition memory
- 9.40 **R J R Blair** (Inst of Cognitive Neuroscience, Univ College London)
Response reversal impairment in Psychopathic individuals
- 10.00 **Jill Boucher, Patty Cowell, Paul Broks, Neil Roberts, Matthew Howard and Andrew Mayes** (Univ of Warwick, Univ of Sheffield and Univ of Liverpool)
A combined neuropsychological and structural MRI study of high functioning autism
- 10.20 **Andrew J Calder, Jill Keane and Andy Young** (MRC Cognition and Brain Sciences Unit, Cambridge and Univ of York)
A selective impairment in the recognition of facial and vocal signals of disgust following brain injury.

- 9.00 **Mark R Cole** (Huron College, Univ of Western Ontario)
Performance as a function of number and spatial arrangement of food locations on a large radial maze

Symposium: "Spatial cognition in animals"
Organiser: Ron Weisman

- 9.20 **Marcia Spetch** (Univ of Alberta)
Visual scene analysis in pigeons
- 9.40 **Sue Healy and Robert Biegler** (Univ of Edinburgh)
Seasonality and spatial memory in birds.
- 10.00 **Ken Cheng** (Macquarie Univ, Australia)
Place finding in insects: Stereotypical servomechanisms
- 10.20 **Leslie Phillmore, Chris Sturdy and Ron Weisman** (Queen's Univ)
Auditory distance perception in black-capped chickadees

Vision

- 9.00 **D C Donderi** (McGill Univ, Montreal)
A practical metric for the complexity of graphic displays
- 9.20 **Frederick A A Kingdom and Anthony Hayes** (McGill Vision Research Unit, McGill Univ)
Mechanisms for detecting texture gradients
- 9.40 **Kathy T Mullen, Tatsuya Yoshizawa and Curtis L Baker** (Dept of Ophthalmology, McGill Univ)
Motion of drifting "isoluminant" chromatic gratings is mediated by a luminance mechanism.
- 10.00 **Andrew M Derrington, Amanda Parker and Greg G Goodson** (Univ of Nottingham)
A colour concept in male marmoset monkeys
- 10.20 **Robert F Hess, Tim Ledgeway and Steven Dakin** (McGill Vision Research, McGill Univ and Dept of Visual Science Univ of London)
Impoverished second-order input to global linking in human vision

10.40 **COFFEE**

SATURDAY 22 July 11.20-1 pm
Session A
Physiology Lecture Theatre III

SATURDAY 22 July 11.20-1 pm
Session B
Biochemistry Lecture Theatre

SATURDAY 22 July 11.20-1 pm
Session C
Geography Small Lecture Theatre

Symposium: "Neuropsychology of human long-term spatial memory"

Organisers: R G Morris and A R Mayes

Language, speech and reading

Visual and face processing

- | | | |
|--|--|--|
| <p>11.20 R G Morris, C Worsely, H Spiers, C E Polkey and M Recce (Insts of Psychiatry and Cognitive Neuroscience, Univ College London; Academic Neurosurgery Unit, The King's Neuroscience Centre and New Jersey Inst of Technology, Newark, USA)
Path integration following unilateral temporal lobectomy</p> | <p>11.20 Antje S Meyer, Ardi Roelofs and Pim Levelt (Univ of Birmingham and Max Planck Inst for Psycholinguistics, Nijmegen, Netherlands)
Where is the word length effect? Right here! A reply to Bachaud-Levi et al. (1998).</p> | <p>11.20 Richard Latto, Douglas Brain and Brian Kelly (Univ of Liverpool)
An oblique effect in aesthetics: Homage to Mondrian (1872-1944)</p> |
| <p>11.40 H J Spiers, N Burgess, E A Maguire, S A Baxendale, T Hartley and J O'Keefe (Inst of Cognitive Neuroscience, Univ College London, Wellcome Dept of Cognitive Neurology, Inst of Neurology, Univ College London and National Hospital for Neurology and Neurosurgery, London)
The temporal lobes, navigation and memory in large-scale virtual space</p> | <p>11.40 Ilhan Raman, Bahman Baluch and Derek Besner (Middlesex Univ and Univ of Waterloo)
A critical test of the changing routes versus changing deadlines debate in print to sound translation</p> | <p>11.40 Mike J Dixon, Daniel Smilek, Cera Cudahy and Philip M Merikle (Univ of Waterloo)
Five plus two equals yellow: Concept-driven photisms in digit - colour synaesthesia</p> |
| <p>12.00 S Abrahams, R G Morris, C E Polkey and A Pickering (Inst of Psychiatry; Academic Neurosurgery Unit, The King's Neuroscience Centre and St. George's Hospital Medical School, London)
Spatial memory and the hippocampal region: A structural MRI analysis of patients with unilateral mesial temporal lobe sclerosis</p> | <p>12.00 Thomas M Spalek and Steve Joordens (Univ of Toronto)
Instantiating counter-intuitive frequency effects within a distributed memory model of naming</p> | <p>12.00 K Lander and V Bruce (Univ of Stirling)
Repetition priming for moving faces.</p> |
| <p>12.20 J S Holdstock, A R Mayes, J P Aggleton and N Roberts (Univ of Liverpool, Dept of Clinical Neurology, Univ of Sheffield, Cardiff Univ and Magnetic Resonance and Image Analysis Research Centre, Univ of Liverpool)
Spatial memory dissociations following lesions to the hippocampus and other medial temporal lobe regions</p> | <p>12.20 Jamie I D Campbell and Vanessa Hernberg (Univ of Saskatchewan)
Repetition blindness for words but not non-words</p> | <p>12.20 Vicki Bruce and Zoe Henderson (Univ of Stirling)
Getting to know you...how we learn new faces</p> |
| <p>12.40 S Köhler, B Milner and J Crane (Montreal Neurological Inst, McGill Univ, Canada)
Right medial-temporal contributions to human episodic memory for object location and object identity in visual scenes: Evidence from functional neuroimaging</p> | <p>12.40 Colin M MacLeod (Univ of Toronto at Scarborough)
Putting automaticity in context: Reducing the stroop effect</p> | <p>12.40 P A McMullen, P Dunham and F Dunham (Dalhousie Univ, Halifax)
Individual differences in the development of face recognition: Support for a maturational change at age eight.</p> |

1.00 LUNCH

BBCS Business meeting part 2 (Biochem Lecture Theatre)

1.00 LUNCH

SATURDAY 22 July 2-4 pm
Session A
Physiology Lecture Theatre III

SATURDAY 22 July 2-4 pm
Session B
Biochemistry Lecture Theatre

SATURDAY 22 July 2-4 pm
Session C
Geography Small Lecture Theatre

<u>Language II</u>	<u>Memory</u>	<u>Animal learning and behaviour</u>
2.00 Andy Ellis, Antonina Scarna, Josephine Monaghan and Matt Lambon Ralph (Univ of York and MRC Cognition and Brain Sciences Unit, Cambridge) Correlation, consistency, and age of acquisition effects in adult lexical processing	2.00 Peter E Morris and Catherine O Fritz (Lancaster Univ and Bolton Inst) The Name Game: Using retrieval practice to learn the names of group members.	2.00 V Simonds and C M S Plowright (Univ of Ottawa) Unlearned and learned behaviour of bumble bees in the absence of reward
2.20 Penny M Pexman and Stephen J Lupker (Presenter: Stephen J. Lupker) (Univ of Calgary and Univ of Western Ontario) Homophone effects in lexical decision: An examination of a feedback account	2.20 Marty W Niewiadomski and William E Hockley (Presenter: William E. Hockley) (Wilfrid Laurier Univ) Interrupting recognition memory: Tests of the increment-to-familiarity account of the revelation effect	2.20 David N George and John M Pearce (Cardiff Univ) The discrimination of structure
2.40 Christina L Gagne (Univ of Western Ontario) Lexical and relation-based influences on the interpretation of noun-noun phrases	2.40 D J K Mewhort and E E Johns (Queen's Univ) Feature frequency in recognition from short-term memory: A challenge for current theory	2.40 Bob Boakes and Paul Whitfield (Univ of Sydney, Australia) Losing a conditioned aversion to a taste: Extinction or counter-conditioning?
3.00 Isabelle Gonthier, Alain Desrochers and Dominique Landry (Univ of Ottawa) Phonological mediation in a semantic discrimination task: Evidence from French	3.00 Philip A Higham (Univ of Northern BC) Estimating monitoring, bias and retrieval	3.00 Cheryl L Limebeer and Linda A Parker (Wilfrid Laurier Univ) The anti-emetic drug, ondansetron, interferes with lithium-induced conditioned rejection reactions, but not lithium-induced taste avoidance.
3.20 William Marslen-Wilson and Mike Ford (MRC Cognition and Brain Sciences Unit, Cambridge) Separating form and semantics from morphology: Evidence from cross modal masked priming.	3.20 C A G Hayman, J Fugelsang, J Cofell and R P Cribbie (Lakehead Univ, Univ of Saskatchewan, Univ of Western Ontario and Univ of Manitoba) The role of source memory in setting the criteria for signal decision processes	3.20 Jennifer A Mather (Dept of Psychology & Neuroscience, Univ of Lethbridge) Do squid make a visual language on their skin? The case of the Zebra display.
3.40 Helen Bird, Matthew A Lambon Ralph, Karalyn Patterson and John R Hodges (MRC Cognition and Brain Sciences Unit and Univ Neurology Unit, Addenbrooke's Hospital, Cambridge) The rise and fall of frequency and imageability: Noun and verb production in semantic dementia	3.40 Bruce W A Whittlesea and John R Price (Simon Fraser Univ) Implicit/explicit memory versus analytic/nonanalytic processing: Re-thinking the mere exposure effect	3.40 Peter J McLeod, Simon Gadbois and Will Moger (Acadia Univ, Nova Scotia) The relation between stress and the social organization of wolves and other wild canids

4.00 END OF MEETING

Thursday 20 July 4.30-6.30, King's College

Presenters are asked to be at their posters for at least one hour. We suggest that odd-numbered poster presenters be available from 16:30-17:30, and even-numbered poster presenters from 17:30-18:30.

Pharmacology & neuroscience

1 Heather M Schellinck, Allison Clarke, Richard E Brown and Michael Wilkinson (Dept of Psychology and Dept of Obstetrics and Gynecology, Dalhousie Univ, Halifax)

The identification of pheromonal components in male mouse urine which initiate puberty acceleration in female mice

2 M P McFadyen, N Carrey and R E Brown (Depts of Psychology and Psychiatry, Dalhousie Univ, Halifax)
Behavioural and cognitive response to chronic ritalin administration during prepubertal development in mice.

3 M R Penner, M McFadyen, R E Brown and N Carrey (Dalhousie Univ, Halifax)
Effects of chronic and acute ritalin treatment on mouse pup development

4 R A M Brown, S G Walling and C W Harley (Memorial Univ of Newfoundland)
Synaptic release of norepinephrine from the locus coeruleus in vivo increases epsp slope in putative late-phase potentiation in the dentate gyrus.

5 Soyon Ahn, Stan B Floresco and Anthony G Phillips (Univ of British Columbia)
Dopamine efflux in the rat nucleus accumbens during exploratory foraging on a radial-arm maze

6 Tod E Kippin, Veneta Sotiropoulos and James G Pfaus (Center for Studies in Behavioral Neurobiology, Concordia Univ, Montreal)
The influence of lesions of the nucleus accumbens and lateral hypothalamus on anxiety and reactivity in the male rat.

7 Steven J Barnes, John P J Pinel, Lee H Francis and Gagan S Wig (Univ of British Columbia)
Conditioning of interictal behaviors by amygdala kindling.

8 P J Blundell and A S Killcross (Univ of York and Cardiff Univ)
The basolateral amygdala (BLA) is involved in sensory and not motivational representations of outcomes.

9 J M Barry, G M Martin, C W Harley and D T Laidley (Departments. of Biopsychology and Psychology, Memorial University of Newfoundland)
Examination of conditional control of place fields by black/white discrimination

Animal behaviour & cognition

10 V M Afonso and R Eikelboom. (Wilfrid Laurier Univ)
Wheel running, feeding, and weight in weanling and adult male rats

11 Dana Church and C M S Plowright (Univ of Ottawa)
How well do boys do? Colour and pattern recognition by male bumblebees

12 Catherine A Forestell and Vincent M LoLordo (Dalhousie Univ, Halifax)
Why do orally consumed calories fail to condition preferences for relatively unacceptable tastes?

13 J S Cohen, Ann-Marie Simpson, Kim Westlake and Michelle Pepin (Univ of Windsor)
Representations of serial reward patterns in the T-maze by rats

14 Debbie M Kelly and Marcia L Spetch (Univ of Alberta)
Use of geometric and featural cues in a touch-screen environment

Vision & face processing

15 K E Jaskie and P A McMullen (Dalhousie Univ, Halifax)
One or multiple mechanisms underlying orientation-invariant object identification?

16 M E Large, P A McMullen and J Hamm (Dalhousie Univ, Halifax)
A strong test of the role of axes of elongation and symmetry in rotated object identification.

17 Philip Servos, Rieko Osu and Mitsuo Kawato (Wilfrid Laurier Univ, Waterloo, Canada, Kawato Dynamic Brain Project, JST, Kyoto, Japan and ATR Human Information Processing Research Labs, Kyoto, Japan)
The neural substrates of biological motion perception: An fMRI study

18 Jules Davidoff and Elizabeth Warrington (Goldsmiths College, Univ of London and National Hospital, London)
Particular difficulties with mirror images

19 Adam Cooper (Univ of Birmingham)
When two is less than one: A new, object-based visual illusion

20 Robert McIntosh, Chris Dijkerman, Mark Mon-Williams and A David Milner (Univ of Durham, Univ of Utrecht and Univ of St Andrews)
Visuomotor processing of spatial layout in visual form agnosia

21 Daniel Saumier and Martin Arguin (Univ de Montréal & Centre de Recherche and Institut Universitaire de Gériatrie de Montréal)
Local and global visual processing in normal and impaired face recognition.

22 Chris Kelland Friesen, Walter F. Bischof and Alan Kingstone (Univ of Alberta and Univ of British Columbia)
The effects of face inversion on reflexive attention to gaze direction

Space & time representation

23 Tamsen E Taylor, Christina L Gagné and Roy Eagleson (Univ of Western Ontario)
Producing spatial descriptions: The effect of functional relations and orientation

24 Patricia Boechler and Michael R W Dawson (Univ of Alberta)
How might an artificial neural network represent metric space?

25 M-Y Ho, T-J Chiang, A S A Al-Ruwaitea, S Mobini, C M Bradshaw and E Szabadi (Division of Psychiatry, Univ of Nottingham)
Effects of the 5-HT_{1A} receptor agonist 8-hydroxy-DPAT on performance on two operant timing schedules

26 Laura Mihaita and Robert Rousseau (Univ of Laval, Quebec)
Temporal discrimination and effect of marker duration

Attention

27 Chris Olivers and Glyn Humphreys (Univ of Birmingham)
Visual marking is affected by the attentional blink

28 E S Olds, W B Cowan and P Jolicoeur (Wilfrid Laurier Univ)
Visual search keeps track of where the target is not

29 Tracy L Taylor-Helmick and Michael M P W Donnelly (Dalhousie Univ and Vanderbilt Univ, USA)
IOR and the repetition of location, identity, and response

30 Mark J Fenske and Jennifer A Stolz (Univ of Waterloo)
Exogenous and endogenous selection in partial report

31 Juan Lupiáñez, Bruce Milliken and M Jesús Funes (Universidad de Granada, Spain and McMaster Univ)
Strategic influences on the time course of exogenous attentional orienting effects

32 Robert J Houghton, William J Macken and Dylan M Jones (Cardiff Univ)
The influence of non-visual attentional tasks upon the visual motion aftereffect

33 Jason Chan, Alex Simm and Charles Spence (Oxford Univ)
Crossmodal attention and the perceptual load hypothesis

34 Daryl E Wilson, Miya Muroi and Colin M MacLeod (Univ of Toronto at Scarborough)
Allocation of spare capacity: Opposite effects of search load and perceptual load

35 Matthew Brown, Martha Anne Roberts and Derek Besner (Univ of Waterloo)
Is semantic activation in visual word recognition capacity free?

36 Bill Macken and Dylan Jones (Cardiff Univ)
The fate of unattended auditory information

37 Amelia Hunt, Jason Ivanoff and Raymond Klein (Dalhousie Univ, Halifax)
Switch costs without task-switching?

38 Leigh Riby, Tim Perfect and Brian Stollery (Univ of Bristol and Univ of Plymouth)
Dual task performance in older adults

39 Helen Johnson and Patrick Haggard (Inst of Cognitive Neuroscience, Dept of Psychology, Univ College London)
Conscious awareness of stimulus and response in a Posner task.

40 L A McWilliams, S H Stewart, R M Klein, J R Blackburn and R M McInerney (Univ of Manitoba)
Effects of a mildly intoxicating dose of alcohol on various components of attention.

Short-term/working memory

41 Marie Poirier, Josée Turcotte, Gerry Tehan and Kevin Allen (Bolton Inst, Univ of Laval and Univ of Southern Queensland, Australia)
The effect of set size and task on error patterns in immediate memory performance

42 Katy J Lobley, Susan E Gathercole and Alan D Baddeley (Univ of Bristol)
Do phonological short term memory and episodic memory contribute to performance on complex working memory span tests?

43 Claudette Fortin, Julie Champagne and Marie Poirier (Université Laval, Québec)

Effect of processing temporal or spatial order in short-term memory on concurrent time estimation

44 Elizabeth A Maylor and Richard N A Henson (Univ of Warwick and Inst of Cognitive Neuroscience, Univ College London)

Aging and the ranschburg effect: No evidence of reduced response suppression in old age.

Long-term memory

45 Josée Turcotte, Sylvain Gagnon and Marie Poirier (Université Laval, Québec, Univ du Québec à Trois-Rivières and Bolton Inst)

Is inhibition induced by the retrieval-practice paradigm?

46 Erin D Sheard and Colin M MacLeod (Univ of Toronto at Scarborough)

Robust false memory effects under conditions of paired-associate learning

47 A D Hughes and R Cabeza (Univ of Alberta)

Effects of interference in an AB-AC paradigm: Event-related potentials of associative recall

48 Carole Peterson and Nikki Whalen (Memorial Univ of Newfoundland)

Five years later: Children's memory for stressful experiences

49 Alison L Chasteen, Denise C Park and Norbert Schwarz (Univ of Toronto and Univ of Michigan, USA)

Aging and goal pursuit: The effects of implementation intentions on prospective memory in older adults.

Causal learning, association & categorisation

50 M E Le Pelley and I P L McLaren (Univ of Cambridge)

Retrospective revaluation in humans.

51 F J Lopez, P L Cobos, A Caño and David Shanks (Univ of Malaga, Spain and Univ College London)

Mechanisms of predictive and diagnostic causal inferences

52 Margo C Watt and Peter J McLeod (Dalhousie Univ and Acadia Univ)

A developmental study of contingency perception and its relation to negative affect

53 R Spiegel (Univ of Cambridge)

Human sequence learning: Evidence for an underlying associative and/or cognitive process

54 F W Jones and I P L McLaren (Univ of Cambridge)

A qualitative dissociation in sequence learning.

55 Mark Suret and I P L McLaren (Univ of Cambridge)

Category creation - association or competition?

56 Jason M Tangen, John R Vokey and Lorraine G Allan (McMaster Univ)

What's in a fingerprint? A PCA approach to fingerprint identification and categorisation

Word recognition and priming

57 John Logan and David Ridgeway (Carleton University)

The effect of phonotactics and neighbourhood density on spoken word recognition in preschoolers

58 William J Owen and Ron Borowsky (Univ of Saskatchewan)

Pseudohomophone base-word frequency and lexicality effects

59 Bahman Baluch and Derek Besner (Middlesex Univ and Univ of Waterloo)

Basic processes in reading: Semantics affects speeded naming of high frequency words in an alphabetic script

60 Martha Anne Roberts, Kathleen Rastle, Max Coltheart and Derek Besner (Univ of Waterloo)

When parallel processing in visual word recognition is not enough: New evidence from naming

61 Glen E Bodner and Michael E J Masson (Univ of Victoria)

Prime validity modulates masked priming

62 Penny A MacDonald, Colin M MacLeod and Ken N Seergobin (McMaster Univ and Univ of Toronto at Scarborough)

Negative priming for homophone and pseudohomophone pairs: Further support for a retrieval-based account of negative priming.

Language, reading, learning disability

63 Chris Fennell and Janet Werker (Univ of British Columbia)

Do "bilingual" infants use fine phonetic detail in word learning tasks?

64 Adam McCrimmon, Andrea N Welder and Susan A Graham (Univ of Calgary)

Preschoolers' and adults' interpretations of familiar and novel adjectives

65 Alice Spooner, Sue Gathercole and Alan Baddeley (Univ of Bristol)

Poor comprehenders can integrate and retain semantic information from heard text

67 Catherine G Penney (Memorial Univ, St. John's)

Case studies in dyslexia

68 Sandra Martin-Chang and Annalena Venneri (McMaster Univ and Univ of Aberdeen)

Dissociating performance in written and oral calculation: Evidence from right hemisphere developmental learning disability

Emotion, autism, individual differences

69 F Dolcos and R Cabeza (Univ of Alberta)

Electrophysiology of emotional memory: Evidence for the valence hypothesis

70 Suzanne Hala, Penny Pexman and Christa Leibel (Univ of Calgary)

Priming the meaning of homographs in children with autism

71 Patricia Cowell, Matthew Howard, Jill Boucher, Neil Roberts, Andrew Mayes and Paul Broks (Dept of Human Communication Sciences, Univ of Sheffield, Magnetic Resonance and Image Analysis Research Centre, Univ of Liverpool and Univ of Warwick)

Multiple neuroanatomical features of high functioning autism: A structural MRI study.

72 Carrie E Sniderman and Louis A Schmidt (McMaster Univ)

Stability of frontal electroencephalogram (EEG) measures and cognitive and affective development in children

73 Antonia Mantonakis and Douglas A Bors (Univ of Toronto at Scarborough)

Differences in reported test anxiety of native vs. non-native english speakers

74 Philip A Murphy, Jeremy M Barry and Peter G Henke (St. Francis Xavier Univ, Antigonish)

Temporolimbic functions: Anxiety, depression and cognitive flexibility in University students

75 Tonya L Stokes and Douglas A Bors (Univ of Toronto at Scarborough)

Raven's advanced progressive matrices test is a measure of 'G': Evidence in support of a single factor model

76 Alick Elithorn, David Jones and Mary Norrish (Children's Hope Foundation, Birkbeck, PRIME)

Motor priming and the cross modality problem

CONFERENCE INFORMATION

Organisation, contacts, messages

The local conference organiser is Dr Karalyn Patterson, MRC Cognition & Brain Sciences Unit, Cambridge.

Enquiries about local arrangements and accommodation: Sian Miller, MRC-CBU, 15 Chaucer Rd, Cambridge CB2 3EF (tel +44-(0)1223-355294 ext. 230, email sian.miller@mrc-cbu.cam.ac.uk).

Melanie Thompson the BBCS administrator (email bbcs@pigeon.carleton.ca) can deal with enquiries from Canadian delegates, regarding accommodation booking etc.

Incoming messages for delegates during the conference can be taken during the day at the Dept of Experimental Psychology (+44-(0)1223 333550, fax 333564, email law23@cam.ac.uk) or the Conference Office at King's College, which will be staffed part-time (telephone/fax (0)1223 331411). There will be a board to display messages in the main coffee/tea area in Experimental Psychology (see below).

Registration, badges, programme books

There is no formal registration procedure; delegates should simply turn up to the events and sessions as shown in the programme. Conference badges can be picked up at talk sessions, and in the King's College Conference Office. The conference badge gives entry to King's College Chapel free of the normal charge. Wearing of badges during sessions is not mandatory, but we strongly encourage it at this meeting, to help delegates identify one another.

Spare copies of the complete Programme and Abstracts book will be available from the King's College Conference Office, at all Thursday talk sessions and in the coffee/tea area.

Conference sessions and location

The size of this joint meeting between EPS and BBCS means that the regular talk sessions will be parallel throughout (2 parallel sessions on Thursday, 3 on both Friday and Saturday). There will be two plenary sessions, the Hebb Award lecture by Jane Stewart (Wednesday 19 July at 18:00) and the Bartlett Lecture by Tony Dickinson (Friday 21 July at 18:00).

The Department of Experimental Psychology is the traditional base for EPS meetings but will be subjected to building work in summer 2000 so we will not be using their lecture theatre for fear of noise. The talk sessions will therefore take place in four other departments on the Downing Site near the Dept of Psychology – Genetics, Biochemistry, Physiology and Geography. Please be sure that you find your way to the right location and lecture theatre, using a combination of the information in the programme and the map of the Downing Site.

Poster session

There will be one poster session on Thursday 20 July, from 16:30 to 18:30. This will be held at King's College in the Chetwynde Room and the Keynes Theatre. Tea and biscuits will be served at King's during the poster session.

Coffee and tea breaks

The building work at the Dept of Experimental Psychology is not expected to affect the area where we normally have coffee, tea and trade displays during EPS meetings. As the Dept of Experimental Psychology is both the historical home of the EPS and centrally situated on the Downing Site, drinks will be served in this location, at which people from all sessions in other nearby departments are expected to converge during breaks. Tea, coffee and cold drinks will be served in the large lab on the ground floor (turn left from main entrance); publishers' stalls will be here, too, and a board for messages to delegates. Additional gathering space is available in the first floor coffee lounge where there are coin-operated drink machines.

Conference dinner

This will be held in the Great Hall of King's College on the evening of Thursday 20 July at 20:00. Wine and non-alcoholic drinks are included in the price, and vegetarian menu options are available. UK delegates should reserve their place(s) on the enclosed booking form, Canadian delegates may book through the BBCS office. Dinner will be preceded by a wine reception at 19:15 at King's (on the back lawn, weather permitting) to which all delegates are invited.

Other social events

The bar at King's College will be open for use of the conference all evening on Wednesday 19 July, to welcome everyone to the meeting, and on Thursday evening after the conference dinner. As mentioned above, there is also a pre-dinner wine reception at 19:15 on Thursday at King's, to which all delegates are welcome whether attending the dinner or not. On Friday evening there are no pre-arranged events and it is expected that people will gather as they wish in pubs or cafes around the town; the bar at King's may be again be open and if so this will be announced during the meeting.

CAMBRIDGE INFORMATION

College accommodation

The main accommodation arranged is in King's College with a few additional rooms available at Pembroke College (for prices see the enclosed booking form). King's has only a limited number of rooms with ensuite facilities and a minuscule number of double rooms; on the grounds of hospitality to visitors from abroad, we have offered virtually all of the rooms in these two categories to members of the Canadian contingent. Rooms available to EPS members/British participants are therefore essentially all single rooms without private bath. If you would like to book college accommodation, and/or places at the conference dinner;

British delegates please return the booking form by 30 June to:

Sian Miller, MRC-CBU, 15 Chaucer Road, Cambridge CB2 2EF.

Cheques must be made payable to The University of Cambridge

Canadian delegates pay in Canadian \$ and book through BBCS (bbcs@pigeon.carleton.ca).

Arrival and departure. Delegates staying in either college should call on arrival at the Porter's Lodge where they will be directed to the appropriate place for collection of room keys etc. At King's this will be the College Conference Office, which will be open from 10:30 onwards on Wednesday. On the morning of departure, please vacate rooms by 9:30; luggage may be left securely during the day in the King's College Conference Office.

Hotels and guest houses

Here is a small selection of good hotels that are relatively close to the Downing Site. There are many more small hotels/guest houses. Other potential places to stay can be found by looking at: <http://www.cambridge.gov.uk/leisure/tourism.htm>. Click on the "Where to Stay" button and then on the "Where to Stay" graphic panel for a downloadable list.

Most prices include breakfast and tax but please confirm when booking.

Better, more expensive hotels:

- Cambridge Garden House, Granta Place, Mill Lane, Cambridge CB2 1RT
tel 01223 259988, fax 316605
Single rooms £125-170, Doubles £155-200
[price *may* be justified by fact that the hotel is right on the river, and has lovely views and garden]
- Best Western Gonville Hotel, Gonville Place, Cambridge CB1 1LY
tel +44 1223 366611 fax +44 1223 315470
Single rooms £87-92 Doubles £108-110
- Crowne Plaza Cambridge (*formerly Holiday Inn*) Downing Street, Cambridge CB2 3DT
tel 01223 464466, fax 464440, email: sales@cpcam.demon.co.uk
Single rooms £90-130 Doubles £120-149
- Royal Cambridge Hotel, Trumpington Street, Cambridge CB2 1PY
tel 01223 351631, fax 352972, email: royalcambridge@msihotels.co.uk
Single rooms £92 Doubles £114
- University Arms Hotel, Regent Street, Cambridge CB2 1AD
tel 01223 351241, fax 461319, email: devere.uniarms@airtime.co.uk
Single rooms £65-118 Doubles £85-265

Medium priced hotels:

- Arundel House Hotel, 53 Chesterton Road, Cambridge CB4 3AN
tel 01223 367701, fax 367721
Single rooms £45-69 Doubles £65-92

- Lensfield Hotel, 53 Lensfield Road, Cambridge CB2 1EN
tel 01223 355017, fax 312022
Single rooms £45-65 Doubles £80
- Regent Hotel, 41 Regent Street, Cambridge CB2 1AB
tel 01223 351470, fax 566562, email: reservations@regenthotel.co.uk
Single rooms £65 Doubles £82.50

Travel

Air: Cambridge is

- approximately 2 hours from London Heathrow or London Gatwick by road.
- approximately 45 minutes from London Stansted airport, by road or train.
- approximately 1 hour from Luton Airport by road.
- approximately 1.5 hours from Birmingham International Airport by road.

There are regular direct buses between all the London airports (Heathrow, Gatwick, Stansted) and Cambridge Central Bus Station. Travel times can be found on the web at:

<http://www.cambridgecoaches.co.uk/>

Rail: there are fast trains between Cambridge and London King's Cross Station twice per hour for much of the day, and at least once per hour at other times except between midnight and 06:00. There is also a rail service between Cambridge and London Liverpool Street Station. Current times can be found on the web at : <http://www.cam.ac.uk/CambArea/Trains/>

There are direct cross-country trains from Manchester, Birmingham and Liverpool. Connections from Scotland and the north are via Peterborough. Travel times can be found at the web site:

<http://www.railtrack.co.uk/travel/>

Coach: there are hourly services from London's Victoria coach station. National Express 0990 808080 or web address <http://www.nationalexpress.co.uk/>

Parking

There is no parking available either on the Downing Site or at King's College. Parking in central Cambridge is difficult and expensive. Do not plan to bring a car to the meeting unless absolutely necessary, in which case please contact Sian Miller at the MRC-CBU by 2 June at the latest. (Tel 01223 355294, ext 230; email sian.miller@mrc-cbu.cam.ac.uk).

Restaurants

Cambridge is well known and well regarded for many things; food is not one of these. The following is a list of relative rather than absolute recommendations. Most restaurants in Cambridge are not large so, especially if going in a group, you are well advised to book ahead.

Indian:

- The Gulshan, 106 Regent St, tel 302330: very good and close to the centre of town.
- The Golden Curry, 111/113 Mill Rd, tel 329432: a little further out, but also very good with some dishes off the beaten menu (e.g. try the fish).
- India House, 31 Newnham Rd, tel 460173: nicer than usual atmosphere.

Oriental:

- The Peking, 21 Burleigh St, tel 354755: expensive prices which are justified by the food though not by the ambience which is very plain. The seafood and the vegetable dishes are outstanding, and Michael's Szechuan chicken in yellow-bean sauce has figured in a chapter on semantic memory. . . [Note: the Peking does not accept credit cards. Pay by cash or cheque.]
- Bangkok City, 24 Green St, tel 354382: good Thai food, near King's College.
- Siani Thai, 83 Regent St, tel 356666: good Thai, same management as Bangkok City.
- Sala Thong, 35 Newnham Rd, tel 323178: also good Thai; friendly, quiet.
- Chato Singapore, 2 Lensfield Rd, tel 364115: good food, pretty place.
- Charlie Chan, 14 Regent St, tel 359336: Chinese, cheap lunchtime food, live music in evening.

Modern / eclectic / English / French(-ish):

- Brown's, 23 Trumpington St, tel 461655: large, jolly, noisy; decent selection of salads, sandwiches, pasta dishes and more substantial fare; very near the Downing Site. Useful.
- The Venue, 66 Regent St, tel 367333: a more interesting menu than most places in Cambridge. Live music can be good but makes conversation difficult.
- Michel's Brasserie, 21 Northampton St, tel 353110: very popular, book at weekends.
- No 1 King's Parade, tel 359506: relaxed, friendly atmosphere in interesting cellar surroundings. Directly opposite King's College.
- Varsity, Regent St, tel 356060: good Greek food (Meze strongly recommended), friendly service.
- Pierre Victoire, 90-92 Regent St, tel 570170: French, relatively cheap and reasonable food.
- There are several good pub restaurants in villages around Cambridge. You will need a car (or a taxi) to get there, so not feasible for everyone: ask a Cambridge resident for advice if you want a nice evening out.

Pizza / Pasta:

- Pizza Express, 7a Jesus Lane, tel 324033: generally considered Cambridge's best pizza. Decent setting too.
- Pasta Fresca, 66 Mill Rd, tel 352836: informal, cheerful, home-made pasta.

Pub and bar food:

- The Lawyer's Wine Bar, 6 Lensfield Rd, tel 566887: good food, decent wine by the glass or bottle.
- The Eagle, 8 Benet St, tel 505020: Cambridge's most famous pub. Very near both the Downing site and King's College.
- The Free Press, 7 Prospect Row, tel 518160: a bit of a walk, but good (mostly vegetarian) food, and no smoking.
- Dome *and* All Bar One, Regent St: continental style bars with food. No booking.
- Hogshead *and* Regal, Regent St: very large pubs, not characterful but they do decent, cheap lunchtime food. Regal's rear entrance close to Psychology. Evening atmosphere not recommended.

Lunchtime sandwiches

There are lots of sandwich bars on Regent Street, a short walk from the Downing site. Also some in Trumpington Street, and in Rose Crescent.

A campus "sandwich wagon" is usually parked near the Psychology and Physiology buildings from 12:30 onwards on weekdays.

The Colleges and Cambridge city

King's College is one of the oldest royal foundations in Cambridge. Henry VI laid the foundation stone of the "College roial of Oure Lady and Seynt Nicholas" in April 1441, and it was to have a provost and 70 poor scholars drawn exclusively from Eton College, the king's other foundation near Windsor. From the first, the College's buildings were intended to be a magnificent display of the power of the royal patronage and the king went to great lengths to ensure that the chapel, particularly, would be without equal in size and beauty - although this was not to be completed until 1515, 44 years after his death. An entrance fee is normally payable to visit King's College Chapel, but conference delegates wearing badges may visit during opening hours without cost. For more information on the College, see the Web site at <http://www.kings.cam.ac.uk/>

Pembroke College has lovely gardens and a Wren chapel, and is very close to the Downing site. The college Web site is <http://www.pem.cam.ac.uk>.

For other buildings, sights and activities in Cambridge, see the city Web site www.cambridge.gov.uk/leisure/tourism.htm.