IN TWO MINDS

_Dual-process theories of reasoning and rationality_

An interdisciplinary conference organized by the Department of Philosophy at the Open University, in association with the University’s *Mind, Meaning and Rationality* research group.

Fitzwilliam College, Cambridge.

**5-7 July 2006**

**Programme**

(All plenary sessions will take place in the Trust Room and will consist of 40 minute talk + 20 minute discussion)

**Wednesday 5th July**

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<th>Time</th>
<th>Session</th>
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<td>10-11</td>
<td>Arrival and Registration. Coffee.</td>
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<td>11–12</td>
<td><strong>Jonathan Evans</strong> (Psychology, Plymouth): <em>The multiplicity of mind.</em> (Chair: Keith Frankish)</td>
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<td>12–1</td>
<td><strong>Vinod Goel</strong> (Psychology, York University, Toronto): <em>Multiple reasoning systems: the case from common sense and neuropsychology.</em> (Chair: Keith Frankish)</td>
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<td>1–2</td>
<td>Lunch in the Dining Hall</td>
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<td>2.15–3.15</td>
<td><strong>Keith Stanovich</strong> (Human Development and Applied Psychology, Toronto): <em>Is it time for a tri-process theory? Distinguishing the reflective and the algorithmic mind.</em> (Chair: Jonathan Evans)</td>
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<td>3.15–4.15</td>
<td><strong>Paul Klaczynski</strong> (Developmental and Learning Sciences, National Science Foundation): <em>Counterintuitive age trends, dual processing, and the development of irrationality—or, Obesity is contagious, but what does one catch?</em> (Chair: Jonathan Evans)</td>
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<td>4.15–4.45</td>
<td>Coffee break</td>
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<td>4.45–5.45</td>
<td><strong>Ara Norenzayan</strong> (Psychology, British Columbia): <em>Two systems of thinking across cultures.</em> (Chair: Peter Carruthers)</td>
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<td>5.45–6.45</td>
<td><strong>David Over</strong> (Psychology, Sunderland) <em>The constructive/non-constructive duality and dual process theory.</em> (Chair: Peter Carruthers)</td>
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<td>7–8</td>
<td>Dinner in the Dining Hall (Self-service through the Buttery adjacent to the hall. Nb The Buttery closes at 7.20 sharp, so please collect your food before then.)</td>
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8.30–12.00 Bar

There are TV sets in the JCR and the bar area for those wishing to watch the second World Cup semi-final.

**Thursday 6th July**

8–9 Breakfast in the Dining Hall

9.30–10.30 **Matthew Lieberman** (Psychology, UCLA): *Reflective and reflexive processes in social cognitive neuroscience*. (Chair: David Over)

10.30–11 Coffee break

11–12 **Keith Frankish** (Philosophy, Open): *Dual-process theories and the personal-subpersonal hypothesis*. (Chair: Carolyn Price)

12–1 **Peter Carruthers** (Philosophy, Maryland): *An architecture for dual reasoning*. (Chair: Carolyn Price)

1–2 Lunch in the Dining Hall

PARALLEL SESSIONS

(Sessions will consist of 30 minute talk + 15 minute discussion)

**Group (A): Trust Room**

(Session Chair: Veli Mitova)

2.15–3 **Valerie Reyna** (Human Development, Cornell): *Dual processes in reasoning and decision making: fuzzy rationality*.

3–3.45 **Keith Stenning** (Human Communication Research Centre, Edinburgh): *What are System 1 processes like? Defeasible but logical perhaps?*

3.45–4.30 **Valerie Thompson** (Psychology, Saskatchewan): *Dual process theories: questions and outstanding issues*.

4.30–5 Coffee break

5–5.45 **Gideon Keren** (Technology, Eindhoven) and **Yaacov Schul** (Psychology, Hebrew University Jerusalem): *Do two-systems models constitute a theoretical advance?*

5.45–6.30 **Jon May** (Psychology, Sheffield) and **Philip Barnard** (Cognition and Brain Sciences Unit, Cambridge): *Reasoning with complementary pathways not competing processes*.
Group (B): Walter Grave Room
(Session Chair: Asbjørn Steglich-Petersen)


3–3.45  Agnes Moors (Psychology, Ghent): Examining the mapping problem in multi-mode models.


4.30–5  Coffee break

5–5.45  Clare Saunders (Subject Centre for Philosophical and Religious Studies, Leeds): In two (or more) minds about rationality? Dual process theory’s contribution to the rationality debate.

5.45–6.30  Leland Saunders (Philosophy, Maryland): Reason and intuition in the moral life: a rationalist defense of moral intuitions.

[End of parallel sessions]

6.30–7.30  POSTER PRESENTATIONS with drinks reception sponsored by the Open University Faculty of Arts (Walter Grave Room)

Linden Ball (Psychology, Lancaster): The dynamics of reasoning: chronometric analysis and dual process theories.

Matthew Carmody (Philosophy, Richmond-upon-Thames College and King’s London): Misunderstanding ourselves: vagueness and two systems of classification.

Shira Elqayam (Psychology, Plymouth): Rationality2: no guide for the perplexed.

Aidan Feeney (Applied Psychology, Durham): Inductive reasoning and dual processes.

Uri Leron (Science and Technology Education, Israel Institute of Technology): Application of dual-process theories in mathematics education (and vice versa).

Fiona Montijn-Dorgelo (Human-technology Interaction, Eindhoven): Impact of dual process models in scientific progress and communication: the case of the role of affect.
Magda Osman (Psychology, University College London): *Undoing one’s learning in an a complex causal inductive task.*

Robin Scaife (Philosophy, Sheffield): *Dual-process and cognitive checking.*

Christopher Viger (Philosophy, Western Ontario): *The acquired language of thought hypothesis (ALOT).*

Cilia Witteman (Behavioural Science, Radboud University Nijmegen): *Personal preferences for rationality or intuition.*

7.45–9  Conference dinner in the Dining Hall, followed by coffee and petit fours in the College Bar.

9.00–12.30  Bar

**Friday 7th July**

Nb The College asks delegates to vacate their bedrooms by **9.00 am**. Luggage can be left in the **Auditorium Meeting Room**.

8–9  Breakfast in the Dining Hall

9.30  **Richard Samuels** (Philosophy, King’s College London): *The magical number two, plus or minus: Some comments on dual-processing theories of cognition.* (Chair: David Over)

10.30  Coffee break

11.00  **Dan Sperber** (Institut Jean Nicod, Paris) and **Hugo Mercier** (Institut Jean Nicod, Paris): *Intuitive and reflective inferential processes.* (Chair: Derek Matravers)

12.00  **Michael Oaksford** (Psychology, Birkbeck College London): *Dual processes or dual aspects?* (Chair: Derek Matravers)

1.00  Lunch in the Dining Hall

2.15  **Zoltan Dienes** (Psychology, Sussex): *Unconscious knowledge and inference.* (Chair: Keith Frankish)

3.15  **Steven Sloman** (Cognitive and Linguistic Sciences, Brown): *How well are two process models standing up to the Bayesian Challenge?* (Chair: Keith Frankish)

4.15  Coffee and deregistration