

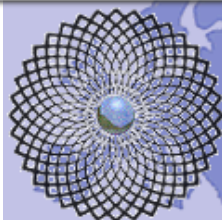


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APR 2009



the unity of consciousness

BINDING, INTEGRATION & DISSOCIATION

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SCIENTIFIC PROGRAM: OVERVIEW

ASSC4 includes one day of pre-conference **workshops** followed by an extensive scientific program consisting of **plenary lectures and symposia**, **concurrent sessions** of oral presentations, as well as **poster** presentations.

ASSC4 extends over four days: **June 29th**, **June 30th**, **July 1st**, and **July 2nd**.

Below you'll find a condensed version of the scientific program with links to increasingly detailed descriptions. Throughout these pages, abstracts referenced by a code between [] will appear in a separate window when you click on its code.

AUTHOR INSTRUCTIONS: Please consult the **authors instructions** page (also linked from the menu on the left of the program pages).

JUNE 29th	
08:15	Registration opens
09:00	Morning Workshops: <ul style="list-style-type: none"> W01 On the use of brain imaging to study the neural correlates of consciousness (<i>Frith & Rees</i>) W02 Neural correlates of conscious and unconscious memory (<i>Reber & Paller</i>) W03 Constraining consciousness: Towards a systematic catalogue of explananda (<i>Metzinger & Engel</i>) W04 Unity and disunity in bodily awareness: Phenomenology and neuroscience (<i>Cole, Depraz & Gallagher</i>) W05 Consciousness and the philosophy of mind (<i>Rosenthal</i>) W06 Binding and the unity of consciousness (<i>Revonsuo</i>)
12:15	Lunch
	Afternoon Workshops:

14:00	<p>W07 Unity, association and dissociation of temporal consciousness in recurrent neural networks (<i>Lloyd</i>)</p> <p>W08 Change detection, attention, and the contents of awareness (<i>Rensink & Simons</i>)</p> <p>W09 Anaesthesia as a tool for exploring consciousness (<i>Andrade & Jones</i>)</p> <p>W10 Criteria for consciousness in the brain: Methodological implications of recent developments in cognitive neuroscience (<i>Baars, Tononi & Bickle</i>)</p> <p>W11 Repetitive transcranial magnetic stimulation: Implications for research on consciousness (<i>Keenan</i>)</p> <p>W12 Four ways of understanding consciousness: Conceptual blocks in dualism, physicalism, functionalism, and reflexive monism (<i>Velmans</i>)</p>	
17:00	Workshops End	
19:00	Opening Lecture <i>Chris Frith</i>	

JUNE 30th		
08:15	Welcome	
	Part 1: Neural Synchrony and Binding	
08:30	Consciousness, Attention and Binding <i>Anne Treisman</i>	[PL-01]
09:30	Oscillatory synchrony as a signature for the unity of visual consciousness in humans <i>Catherine Tallon-Baudry</i>	[PL-02]
10:30	Coffee Break	
10:45	Plenary symposium:	
	Temporal Binding and the neural correlates of consciousness <i>Andreas K. Engel</i>	[PL-03]
	Neural Synchrony and consciousness: Are we getting somewhere? <i>Francisco Varela</i>	[PL-04]
12:15	Lunch	
13:30	Concurrent Sessions 1:	
	CS1.1 Foundational issues in the Science of Consciousness	

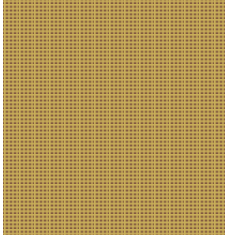
	CS1.2 Mechanisms of Binding CS1.3 Color and Synaesthesia CS1.4 Conscious and Unconscious Memory	
15:30	Coffee Break	
	Part 2: Models of Integration	
16:00	Plenary symposium:	
	Consciousness integrated and differentiated <i>Giulio Tononi</i>	[PL-05]
	How the hippocampus and prefrontal cortex can contribute to the unity of consciousness <i>Randall C. O'Reilly</i>	[PL-06]
	Consciousness really explained? <i>Rodney Cotterill</i>	[PL-07]
18:00	Poster Session 1	
20:00	Official Reception (University Great Hall)	

JULY 1st		
	Part 1: The Neuropsychology of Dissociations	
08:30	Fractionating The Binding Process <i>Glyn Humphreys</i>	[PL-08]
09:30	Overt and Covert Face Recognition <i>Andrew Young</i>	[PL-09]
10:30	Coffee Break	
11:00	The Disunity of Consciousness <i>Semir Zeki</i>	[PL-10]
12:00	Lunch	
13:30	Concurrent Sessions 2: CS2.1 Binding and Unity: Foundational issues CS2.2 Schizophrenia and Dreams CS2.3 Attention and Change Blindness CS2.4 Conscious and Unconscious Process	
15:30	Coffee Break	
	Part 2: What is the Unity of Consciousness?	
16:00	Plenary symposium:	
	Action and the Unity of Consciousness <i>Susan Hurley</i>	[PL-11]

	Consciousness and Co-consciousness <i>Sydney Shoemaker</i>	[PL-12]
	(Discussant: <i>David Chalmers</i>)	
18:00	Poster Session 2	
20:30	Conference Banquet	

JULY 2nd

	Implicit and Explicit Aspects of Cognition	
08:30	Plenary symposium:	
	Unifying Consciousness with Explicit Knowledge <i>Zoltan Dienes</i>	[PL-13]
	Thinking Learning Differently: The Self-Organizing Consciousness (SOC) Model <i>Pierre Perruchet & Annie Vinter</i>	[PL-14]
	(Discussant: <i>Axel Cleeremans</i>)	
10:30	Coffee Break	
11:00	Concurrent Sessions 3: CS3.1 What is the Unity of Consciousness? CS3.2 Neural Mechanisms of Self-Consciousness CS3.3 Stability and Rivalry CS3.4 Consciousness and Emotion	
12:30	Lunch	
13:45	Concurrent Sessions 4: CS4.1 Qualia CS4.2 The Contents of Consciousness CS4.3 Altered States of Consciousness CS4.4 Implicit Learning	
15:45	Coffee Break	
16:15	Closing Lecture <i>Philip Merikle</i>	
17:30	Conference Ends	
18:00	Informal Reception	



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<http://www.ulb.ac.be/event/ASSC4/prog/overview.html>
Last updated 23 May 2000 by **Axel Cleeremans**

