



## RESEARCH CONFERENCES

ESF-EMBO Symposium

# Three Dimensional Sensory and Motor Space: Perceptual Consequences of Motor Action

Hotel Eden Roc, Sant Feliu de Guixols  
(Costa Brava) • Spain  
6-11 October 2007

Chair: **Jeroen Smeets**, Vrije Universiteit Amsterdam, NL  
Vice-Chair: **Frank Bremmer**, University Marburg, DE

With support from: IBRO

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# Final Programme

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## Saturday, 6 October

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Late afternoon / early evening	Registration at ESF Registration desk
19.00	Welcome Drink
20.00	Dinner

## Sunday, 7 October

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08.45-09.00	Conference Opening
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### Session 1: Eye and body

Chair: Markus Lappe, Westfälische Wilhelms University, DE

09.00-09.50	<b>Michael Land</b> University of Sussex, UK <i>Eye movements and actions: knowing where to look</i>
09.50-10.40	<b>John Wann</b> Royal Holloway University of London, UK <i>Neural systems in the control of steering and collision judgments</i>
10.40-11.10	Coffee break
11.10-12.00	<b>Carol Colby</b> University of Pittsburgh, US <i>Active Vision</i>
12.00-12.50	<b>Tirin Moore</b> Stanford University, US <i>The Influence of Overt and Covert Saccade Plans on Visual Cortical Signals.</i>
13.00	Lunch Poster Viewing
16.00-16.30	Coffee break

### Session 2: Eye

Chair: Eli Brenner, Vrije Universiteit Amsterdam, NL

16.30-17.20	<b>Frank Bremmer</b> Philipps-University Marburg, DE <i>Space representation during eye movements</i>
17.20-18.10	<b>Dirk Kerzel</b> Université de Genève, CH <i>Localization of moving objects</i>
19.00	Dinner
20.30-22.00	Poster session 1

## Monday, 8 October

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### Session 3: Hand

Chair: Denise Henriques, York University, CA

- 09.00-09.50     **Susan Lederman**  
Queen's University, CA  
*Manual exploration and haptic object processing*
- 09.50-10.40     **Jeroen Smeets**  
Vrije Universiteit Amsterdam, NL  
*Hand movements in search*
- 10.40-11.10     Coffee break
- 11.10-12.00     **Mary Hayhoe**  
University of Texas at Austin, US  
*The role of internal visual models and anticipation in the control of movement.*
- 12.00-12.50     **Elisabetta Làdavas**  
University of Bologna, IT  
*Tool use and the dynamic properties of the visual peripersonal space*
- 13.00             Lunch  
                    Poster Viewing
- 16.00-16.30     Coffee break

### Session 4: Hand and body

Chair: Chris Miall, University of Birmingham, UK

- 16.30-17.20     **Denise Henriques**  
York University, CA  
*Updating and integrating spatial information for motor control*
- 17.20-18.10     **Pieter Medendorp**  
Nijmegen Institute for Cognition and Information, NL  
*Spatial updating during whole-body movements*
- 19.00             Dinner
- 20.30-21.30     **Poster session 2**

## Tuesday, 9 October

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### Session 5: Body

Chair: John Wann, University of London, UK

- 09.00-09.50     **David Lee**  
University of Edinburgh, UK  
*A theory of neural guidance of movement based on tau*
- 09.50-10.40     **Laila Craighero**  
University of Ferrara, IT  
*Role of the motor system in the orienting of attention*
- 10.40-11.10     Coffee break
- 11.10-12.00     **Kevin O'Regan**  
Université Paris 5 Descartes, FR

	<i>Empirical confirmations of a sensorimotor approach to phenomenal feel</i>
12.30	Lunch
Afternoon	Half-day excursion to Dali Museum
19.00	Dinner
20.00-21.00	Forward Look Plenary Discussion

### Wednesday, 10 October

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## Session 6: Saccades

Chair: Frank Bremmer, Philipps-University Marburg, DE

09.00-09.50	<b>Eli Brenner</b> Vrije Universiteit Amsterdam, NL <i>Temporal uncertainty and pre-saccadic mislocalisation</i>
09.50-10.40	<b>Shigeru Kitazawa</b> Juntendo University, JP <i>Reversal of subjective temporal order due to eye and hand movements</i>
10.40-11.10	Coffee break
11.10-12.00	<b>Markus Lappe</b> Westfälische Wilhelms-Universität, DE <i>Perceptual consequences of saccadic adaptation</i>
12.00-12.50	<b>David Melcher</b> University of Trento, IT <i>Evidence for predictive changes in visual perception that precedes saccadic eye movements</i>
13.00	Lunch

## Session 7: Hand

Chair: Jeroen Smeets, Vrije Universiteit Amsterdam, NL

16.00-16.50	<b>Roland Johansson</b> Umeå University, SE <i>Perceptual consequences of motor action determine prime actor in bimanual object manipulations</i>
16.50-17.20	Coffee break
17.20-18.10	<b>Chris Miall</b> University of Birmingham, UK <i>Motor-visual priming and visuo-motor interference</i>
18.10-19.00	<b>Knut Drewing</b> Justus-Liebig-Universität, DE <i>Exploratory movement matters for the integration of redundant signals to haptic shape</i>
20.00	Get-together & Conference Dinner

### Thursday, 11 October

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## Session 8: Brain

Chair: Pieter Medendorp, Nijmegen Institute for Cognition and Information, NL

09.00-9.50

**Laure Pisella**

Inserm U 534, FR

*Related visuo-manual and visuo-perceptual deficits in optic ataxia*

09.50-10.40

**Angela Sirigu**

Institut des Sciences Cognitives, FR

*Movement illusion in patients with central or peripheral lesions*

10.40-11.10

Coffee break

12.00

Lunch & Departure

There will be no short talks.

The list of accepted posters is available from [www.esf.org/conferences/07226](http://www.esf.org/conferences/07226)

Posters can be fixed with self-adhesive tape, blu-tack or drawing pins onto double-sided poster panels. Recommended poster size is 130 cm high x 130 cm wide. Use letters and drawings that can be read from approximately 100 cm distance.