



RESEARCH CONFERENCES

ESF-JSPS Frontier Science Conference Series for
Young Researchers

Robotics: Experimental Cognitive Robotics

Shonan Village Center, Kanagawa • Japan
9-15 March 2008

Chairs:

Yoshihiko Nakamura, University of Tokyo, JP -

Carne Torras, Institut de Robotica i Informatica Industrial, ES -

Juan Andrade Cetto, Institut de Robotica i Informatica Industrial, ES

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Final Programme

Sunday, 9 March

Late afternoon / early evening	Registration at the ESF-JSPS desk
18.00	Welcome Reception
19.00	Dinner

Monday, 10 March

08.00-08.30	Conference Opening
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Session 1: Communication

08.30-09.30	Yoshihiko Nakamura University of Tokyo, JP <i>Semiotics of Behaviors and Robot Intelligence</i>
09.30-09.40	Break
09.40-10.40	Aude Billard Ecole Polytechnique Fédérale de Lausanne, CH <i>Transmitting Human Skills and Knowledge to Robots</i>
10.40-11.10	Coffee break
11.10-12.10	Nobuaki Minematsu University of Tokyo, JP <i>Speech as Music: Yet Another Framework for Speech Recognition</i>
12.10-13.30	Lunch

Session 2: Embodiment

13.30-14.30	Juan Andrade Cetto Institut de Robotica i Informatica Industrial, ES <i>Perception and Action under Uncertainty</i>
14.30-14.40	Break
14.40-15.40	Yasuo Kuniyoshi University of Tokyo, JP <i>Emergence and Development of Embodied Behavior and Cognition</i>
15.40-16.00	Coffee break
16.00-18.00	Oral Presentations by Young Researchers
18.00-20.00	Dinner
20.00-22.00	Poster Session

Tuesday, 11 March

Session 3: Interaction

08.30-9.30	Gordon Cheng
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	ATR, JP <i>On the Development of Humanoid Cognitive Systems</i>
09.30-09.40	Break
09.40-10.40	Helge Ritter University of Bielefeld, DE <i>Cognitive Interaction Technology: from Elements to Synthesis</i>
10.40-11.10	Coffee break
11.10-12.10	Shigeki Sugano Waseda University, JP <i>Embodiment of Robot Intelligence and Emotion</i>
12.10-13.30	Lunch
Session 4: Walking	
13.30-14.30	Jean-Paul Laumond Centre National de la Recherche Scientifique, FR <i>On Human and Humanoid Motion</i>
14.30-14.40	Break
14.40-15.40	Shuji Kajita AIST, JP <i>Control of Biped Robots : From Walking to Running</i>
15.40-16.00	Coffee break
16.00-18.00	Oral Presentations by Young Researchers
18.00-20.00	Dinner
20.00-22.00	Poster Session

Wednesday, 12 March

8:00	Transport to University of Tokyo
Session 5: Development	
10.30-11.30	Rüdiger Dillman University of Karlsruhe, DE <i>Towards Emerging Cognitive Capabilities of Humanoid Robots</i>
11.30-11.40	Break
11.40-12.40	Giulio Sandini Italian Institute of Technology, IT <i>Humanoids, Brain and Cognitive Sciences</i>
12.40-14.00	Lunch
14.00-18.00	Laboratory Tour
18.00-20.00	Get-together and Dinner
20.00	Transport to Shonan Village Center

Thursday, 13 March

Session 6: Learning

08.30-09.30	Aleš Ude Jožef Stefan Institute, SI <i>Integrating Perception, Action, and Humanoid Robot Learning</i>
09.30-09.40	Break

09.40-10.40	Stefan Wermter University of Sunderland, UK <i>Hybrid Intelligent Systems for Cognitive Robotics</i>
10.40-11.10	Coffee break
11.10-12.10	Minoru Asada Osaka University, JP <i>Cognitive Developmental Robotics towards Humanoid Science</i>
12.10-13.00	Lunch
13.00-19.00	Excursion
19.00-22.00	Conference Dinner

Friday, 14 March

Session 7: Mobility

08.30-09.30	Atsuo Takanishi Waseda University, JP <i>Humanoid Robotics and its Applications</i>
09.30-09.40	Break
09.40-10.40	Florentin Wörgötter Georg-August-Universität Göttingen, DE <i>Robots under Adaptive Neural Control</i>
10.40-11.10	Coffee break
11.10-12.10	Hirohisa Hirukawa AIST, JP <i>Open Robotics Software Platform</i>
12.10-12.30	Closing Session
12.30-14.00	Farewell Lunch

Saturday, 15 March

Breakfast & Departure

Abstracts, Posters & Short Oral Presentations

Participants whose abstracts have been accepted as short talks have been informed.
All other abstracts are accepted as posters.