



RESEARCH CONFERENCES

ESF-JSPS Frontier Science Conference
Series for Young Researchers

Social Cognitive Neuroscience

Hotel Villa del Mare, Acquafredda di Maratea • Italy
27 February – 4 March 2009

Chairs: **Gün R. Semin**, Utrecht University, NL – **Shun-ichi Amari**,
RIKEN Brain Science Institute, Saitama, JP

Organising Committee: **Atsushi Iriki**, RIKEN Brain Science
Institute, Saitama, JP - **Ellen de Bruijn**, University of Nijmegen, NL -
Harold Bekkering, University of Nijmegen, NL - **Tetsuro**
Matsuzawa, Kyoto University, Inuyama, JP - **Shigeru Watanabe**,
Keio University, Tokyo, JP - **Toshikazu Hasegawa**, University of
Tokyo, JP

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Botticelli - Madonna del Magnificat (detail). Galleria degli Uffizi (IT)
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Final Programme

Friday 27 February

Late afternoon / early evening	Registration at the ESF-RC desk
20.00	Dinner
21.30	Welcome Drink

Saturday 28 February

08.45-09.00	Conference Opening Opening remarks by Prof. Harold Bekkering, Prof. Shun-ichi Amari, Prof. Hirochika Inoue of JSPS and Ms. Eva Hoogland of ESF
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Session 1: Mirror Neuron System and Evolution of Social Intelligence (1)

Chair: Harold Bekkering

09.00-10.00	Opening Keynote Speaker: Giacomo Rizzolatti Parma University, IT <i>The mirror mechanism and its role in social cognition</i>
10.00-10.40	Atsushi Iriki Brain Science Institute RIKEN, JP <i>Neuroscience of primate social intellectual evolution</i>
10.40-11.10	Coffee break
11.10-11.50	Hein van Schie Radboud University Nijmegen, NL <i>Understanding mirror-neurons in joint action</i>
11.50-12.30	Shigeru Watanabe Keio University, JP <i>Analysis of Empathy: Internal to external cross-modality generalization.</i>
12.30-14.30	Lunch

Session 2: Mirror Neuron System and Evolution of Social Intelligence (2)

Chair: Shigeru Watanabe

14.30-15.10	Satoshi Hirata Hayashibara Biochemical Laboratories, JP <i>Auditory and visual event-related potentials in an awake chimpanzee: Towards hominid cognitive neurosciences</i>
15.10-15.25	Short Talk - Caroline Catmur University of Oxford, UK <i>Sensorimotor learning and the human mirror neuron system</i>
15.25-16.00	Coffee Break
16.00-16.40	Tetsuro Matsuzawa Kyoto University, JP <i>Cognitive development in chimpanzees in the wild and in the laboratory</i>
16.40-19.00	Poster session
19.00	Dinner

Sunday 1 March

Session 3: Development of Human Social Cognition (1)

Chair: Tetsuro Matsuzawa

09.00-09.40

György Gergely

Hungarian Academy of Sciences, Institute for Psychology, HU

Beyond imitative learning: Natural Pedagogy, a cognitive adaptation for ostensive-communicative relevance-guided transfer of cognitively opaque and kind-generalizable cultural knowledge in humans

09.40-10.20

Shigeru Kitazawa

Juntendo University School of Medicine, JP

Toward a cure and a better understanding of autism

10.20-10.50

Coffee break

10.50-11.30

Eveline Crone

Universiteit Leiden, NL

Social decision-making across childhood and adolescence: changes in brain and behavior

11.30-11.45

Short Talk - Takahiro Kato

Kyushu University, JP

Multi-dimensional clarifying approach of pathological and therapeutic mechanisms of psychiatric illness – “mental pain” – via microglia

12.00-14.30

Lunch

Session 4: Development of Human Social Cognition (2)

Chair: György Gergely

14.30-15.10

Satoshi Umeda

Keio University, JP

How bodily states shape social emotions: Evidence from neuroimaging and neuropsychology

15.10-15.50

Ellen de Bruijn

Nijmegen Institute for Cognition and Information, NL

Social adaptive behaviour: a neurocognitive approach

15.50-16.20

Coffee Break

16.20-17.00

Gentaro Taga

The University of Tokyo, JP

Functional Brain Development in Early Infancy

17.00-18.00

Forward Look Plenary Discussion

19.00

Dinner

20.00-21.30

Poster Session

Monday 2 March

Session 5: Problem Solving and Decision Making

Chair: Toshikazu Hasegawa

09.00-09.40

Josep Call

Max Planck Institute for Evolutionary Anthropology, DE
Inhibitory control in non-human primates

09.40-10.20

Norihiro Sadato

National Institutes of Natural Sciences, JP
The neural basis of social reward and decision-making

10.20-10.50

Coffee break

10.50-11.05

Short Talk - Molly Crockett

University of Cambridge, UK
Neurochemical modulation of behavioural reactions to unfairness

11.05-11.20

Short Talk - Hidehiko Takahashi

National Institute of Radiological Sciences, JP
Neural correlates of envy and Schadenfreude

11.20-11.35

Short Talk - Miimaaria Kujala

Helsinki University of Technology, FI
Observing intensity of pain from another's face: fMRI and MEG considerations

12.30

Lunch

Afternoon

Half-day excursion

19.00

Dinner

Tuesday 3 March

Session 6: Communication and Language

Chair: Josep Call

09.00-09.40

Toshikazu Hasegawa

The University of Tokyo, JP
Evolutionary basis of human social mind: How humans are different from chimpanzees

09.40-10.20

Friedemann Pulvermüller

MRC Cognition and Brain Unit, UK
Action built into language

10.20-10.50

Coffee break

10.50-11.30

Kazuo Okanoya

Brain Science Institute RIKEN, JP
Neural mechanisms for auditory segmentation: a common pre-adaptation for language and song

11.30-11.45

Short Talk - Isabelle George

Université Rennes 1, FR
Responses to natural classes of songs in the secondary auditory area of a songbird: a potential neural substrate for sorting natural communication signals into categories.

11.45-12.25

Lisa Aziz-Zadeh

University of Southern California, US

Mirror neuron system and embodied cognition: From sensory-motor processes to social cognition, language, thoughts

12.25-14.30

Lunch

Session 7: Theory of Social Neuroscience

Chair: Atsushi Iriki

14.30-14.45

Short Talk - Ryusuke Hayashi

RIKEN Brain Science Institute, JP

How motion signals are integrated across frequencies

14.45-15.00

Short Talk - Fumihide Tanaka

University of Tsukuba, JP

Revealing human nature through the framework of human-robot interaction

15.00-15.40

Harold Bekkering

Radboud University, Nijmegen, NL

Goal inferences in human and autonomous agents

15.40-16.10

Coffee Break

16.10-16.50

Günter Knoblich

Birmingham University, UK

Joint action: Bodies and minds moving together

16.50-17.50

Closing Keynote Speaker: Shun-ichi Amari

Brain Science Institute RIKEN, JP

Humans, Society and Neuroscience

19.00

Get-together & Conference Dinner

Wednesday 4 March

Breakfast & Departure

Abstracts, Posters & Short Oral Presentations

Instructions

Participants whose abstracts have been accepted as short talks have been informed.

All other abstracts are accepted as posters.

Poster size should be no more than 100 cm high x 100 cm wide. Use letters and drawings that can be read from approximately 100 cm distance.