

# International Symposium: Social Neuroscience and Its Benefits to Mental Health

Date: July 15 (Thursday), 2010

Venue: Auditorium, Clinical Research Institute, Seoul National University Hospital, Seoul, Korea

Organized by Translational Research Center for Schizophrenia (TRCS) sponsored by Korean Ministry of Health & Welfare

Sponsor: Society for Social Neuroscience (<http://s4sn.org>), Seoul National University, Seoul National University Hospital

Humans create emergent organizations beyond the individual - structures that range from dyads, families, and groups to cities, civilizations, and international alliances. These emergent structures evolved hand in hand with neural, hormonal, cellular, and genetic mechanisms to support them because the consequent social behaviors helped humans survive, reproduce, and care for offspring sufficiently long that they too survived to reproduce, thereby ensuring their genetic legacy. Social neuroscience is the interdisciplinary study of the neural, hormonal, cellular, and genetic mechanisms underlying the emergent structures that define social species. This symposium will bring together scholars to discuss the challenges and opportunities in this interdisciplinary academic field, and potential applications in medicine and mental health.

## Program

9:00-9:20	<b>Registration</b>	
9:20-9:30	<b>Jun Soo Kwon</b> , MD, PhD (Seoul National University, Director of TRCS, Korea)	Welcome & opening remarks
9:30-10:10	<b>Keynote Address:</b> <b>Jean Decety</b> , PhD (The University of Chicago, USA)	Social neuroscience and its benefits to mental health

## ***Session A: Decision-Making, Emotion and Self***

**Chairpersons:** **Kyung Sue Hong**, MD, PhD (Sungkyunkwan University, Korea)  
**Suk Kyoan An**, MD, PhD (Yonsei University, Korea)

10:10-10:35	<b>Norihiro Sadato</b> , MD, PhD (National Institute for Physiological Science, Japan)	The neural basis of social reward and decision-making
10:35-11:00	<b>Hack Jin Kim</b> , PhD (Korea University, Korea)	The neural processes underlying social decision-making on faces
11:00-11:25	<b>Yawei Cheng</b> , MD, PhD (National Yang-Ming University, Taiwan)	Expertise modulates the perception of pain in others
11:25-11:50	<b>Motoaki Sugiura</b> , MD, PhD (Tohoku University, Japan)	Self and other: A new framework for social neuroscience

11:50-13:20      **Lunch break**

***Session B: Social Cognition and Psychopathology***

**Chairpersons:**    **Ryuta Kawashima**, MD, PhD (Tohoku University, Japan)  
                         **Kwang-Hyun Cho**, PhD (Korea Advanced Institute of Science and Technology, Korea)

13:20-13:45	<b>Jean Decety</b> , PhD (The University of Chicago, USA)	The neurodevelopment of empathy and moral reasoning: Implication for psychopathology
13:45-14:10	<b>Suk Kyoan An</b> , MD, PhD (Yonsei University, Korea)	Attribution bias & paranoia in ultra-high risk for psychosis and schizophrenia
14:10-14:35	<b>Jejoong Kim</b> , PhD (Seoul National University, Korea)	Deficient perception of biological motion in schizophrenia
14:35-15:00	<b>Seung Jae Lee</b> , MD, PhD (Kyungpook National University, Korea)	Multi-level comparison of empathy in schizophrenia
15:00-15:25	<b>Na Young Shin</b> , MA (Seoul National University, Korea)	Processing of facial configuration in Individuals at high risk for schizophrenia
15:25-15:40	<b>Coffee break</b>	

***Session C: Social Cognition: from Gene to Society***

**Chairpersons:**    **Jun Soo Kwon**, MD, PhD (Seoul National University, Korea)  
                         **Jean Decety**, PhD (The University of Chicago, USA)

15:40-16:20	<b>Special Lecture:</b> <b>Sohee Park, PhD</b> (Vanderbilt University, USA)	Cognitive roots of social impairments in schizophrenia
16:20-16:50	<b>Kyung Sue Hong</b> , MD, PhD (Sungkyunkwan University, Korea)	Genetic basis of cognitive deficits in schizophrenia
16:50-17:20	<b>Kwang-Hyun Cho</b> , PhD (Korea Advanced Institute of Science and Technology, Korea)	Brain systems biology: Identification of network motifs for synchronized oscillations and their implications in neuropsychiatric disorder
17:20-17:30	<b>Jean Decety</b> , PhD (The University of Chicago, USA)	Closing remarks
17:30-	<b>Reception (Invited only)</b>	Garden View (Clinical Research Center, SNUH)