



Thursday PM1

ThuPM1-1 Novel Approaches of Systems Neuroscience to Sports and Rehabilitation Workshop 1

Chair: Yasuharu Koike, Eiichi Naito, Toshitaka Kimura

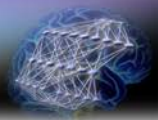
Room: International Conference Hall I

13:00 - 13:40 Special talk
Understanding complex sports behavior: interpersonal competition and cooperation
Yuji Yamamoto¹
¹Research Center of Health, Physical Fitness & Sports, Nagoya University

13:40 - 14:00 Talk 1
Evaluation of sports performance with novel measurement techniques
Toshitaka Kimura¹
¹NTT Communication Science Laboratories

14:00 - 14:20 Talk 2
Hitting the sweet spot: investigating the neuroscience behind impact control by humans
Ganesh Gowrishankar¹
¹ CNRS-AIST Joint Robotics Laboratory

14:20 - 14:40 Talk 3
Brain plasticity in artificial leg athletes
Kento Nakagawa¹
¹Graduate School of Arts and Sciences, The University of Tokyo

**Thursday PM2**

ThuPM2-1 Novel Approaches of Systems Neuroscience to Sports and Rehabilitation Workshop 2

Chair: Yasuharu Koike, Eiichi Naito, Toshitaka Kimura

Room: International Conference Hall I

Talk 4

Imaging human central motor system in children

15:00 - 15:20 Eiichi Naito¹¹Center for Information and Neural Networks (CiNet), National Institute of Information and Communications Technology (NICT)

Talk 5

Development of VR platform for cloud-based neurorehabilitation

15:20 - 15:40 Tetsunari Inamura¹¹ National Institute of Informatics; The Graduate University for Advanced Studies

Talk 6

Function of the meso-limbic system in motor control

15:40 - 16:00 Michiaki Suzuki¹¹Graduate school of Medicine, Kyoto University; School of Life Science, SOKENDAI

Talk 7

Induction of embodiment of a prosthesis into the body

16:00 - 16:20 Noritaka Kawashima¹¹Research Institute, National Rehabilitation Center for Persons with Disabilities

Talk 8

Muscle synergy analysis for motor control

16:20 - 16:40 Yasuharu Koike¹¹Institute of Innovative Research, Tokyo Institute of Technology
