



DANISH RESEARCH  
CENTRE FOR  
MAGNETIC RESONANCE



# DRCMR-Keio Rehab Neuroscience Joint Symposium

*Towards Non-invasive Induction of Neural Plasticity*

- | **Date:** 11th, October, 2019.  
15:30 Open 16:00 Start - 19:30 Close
- | **Venue:** Ground-floor Lounge, Research Park,  
Shinano-machi campus, Keio University School of Medicine
- | **Admission:** free
- | **Hosted by:** Prof. Meigen Liu, The Chair, Dept. Rehabilitation Medicine

## Main lectures

**Prof. Hartwig R Siebner**

“Precision Stimulation Medicine”

Head of Research,  
Danish Research Centre for Magnetic Resonance,  
Copenhagen University Hospital Hvidovre

**Prof. Toshiyuki Fujiwara**

“Transcutaneous spinal stimulation  
for gait rehabilitation”

Head of Research,  
Department of Rehabilitation Medicine,  
Juntendo University School / Graduate School of Medicine



## Scientific Talks



**Leo Tomasevic, Ph.D.**

Danish Research Centre for Magnetic Resonance  
“Perspectives of TMS-EEG”

**Raffaele Dubbioso, M.D., Ph.D.**

Department of Neuroscience and Reproductive and Odontostomatological Sciences,  
University of Naples Federico II  
“Motor cortex GABAergic dysfunction in Italian patients with  
Familial adult myoclonic epilepsy (FAME)”

**Mads Madsen, Ph.D. student**

Danish Research Centre for Magnetic Resonance  
“Effects of multiple sclerosis on TMS outcome measures”

**Mitsuaki Takemi, Ph.D.**

Division of Physical and Health Education, Graduate School of Education,  
The University of Tokyo  
“Focal transcranial alternating current stimulation to the  
sensorimotor hand area at individual alpha and beta rhythm –  
effects on corticospinal excitability”

**Fuminari Kaneko, Ph.D.**

Associate Professor, Keio University School of Medicine

“Region-dependent bidirectional plasticity in M1 following quadripulse  
transcranial magnetic stimulation in the inferior parietal cortex”

**Keiichiro Shindo, M.D., Ph.D.**

Chief, Department of Rehabilitation Medicine, Tokyo Bay Rehabilitation Hospital  
“Clinical applications of quadripulse stimulation in patients with stroke”

**Daisuke Nishida, M.D.**

National Center of Neurology and Psychiatry  
“The physiological mechanism of gait improvement with  
rhythmic stimulation in patients with Parkinson's disease”

**Syoichi Tashiro, M.D., Ph.D.**

Keio University School of Medicine  
“Somatosensory plasticity induced by  
closed-loop EEG-triggered NMES in chronic stroke”

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