The 2009 International Symposium on Early Detection and Rehabilitation Technology of Dementia

DRD2009

Topics
Cognitive Neuroscience and Dementia
Neurology and Dementia
Neural Technology and Rehabilitation

Important Dates
Abstract Submission Sep 11, 2009
Camera-ready Oct 30, 2009

Presentation Style: Poster Presentation
※Reference book composed of the excellent presentation in this symposium is published by IGI Global in 2010

Official Language: English

Sponsored by
IEEE Engineering in Medicine and Biology Society (EMBS)
Institute of Complex Medical Engineering (ICME)
Japan Society for the Promotion Science (JSPS)
Okayama University

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2009 International Symposium on Early Detection and Rehabilitation Technology of Dementia (DRD2009)

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IEEE Fukuoka/Hiroshima/Shikoku Joint Sections (West Japan) Engineering in Medicine and Biology Chapter
Okayama Prefectural University, Okayama University of Science, Kawasaki University of Medical Welfare

About the symposium
The International Symposium on Early Detection and Rehabilitation Technology of Dementia will be held in Okayama, Japan from December 11 to 12, 2009. The symposium is sponsored by Asia Africa (AA) Science Platform Program of Japan Society for the Promotion Science (JSPS), international society Institute of Complex Medical Engineering (ICME), and technical co-sponsored by IEEE Engineering in Medicine and Biology Society (EMBS). The organizing committee warmly welcomes your participation and invites you to submit exciting and breakthrough research and development work to the symposium. The aim of the symposium is to bring together researchers and practitioners from diverse fields to promote scientific research and industrial development in the field of early detection and rehabilitation technology of dementia. We invite you to participate in an exciting interchange of ideas in the following cutting edge areas of clinical medicine, neuroscience and biomedical engineering.

Topics
The technical issues to be addressed include, but not limited to:

- **Cognitive Neuroscience and Dementia**
  - Imaging cognitive neuroscience
  - Attention, memory, language and other higher functions
  - Visual, auditory, tactile perception and interaction
  - Neuropsychology test and mental state examination

- **Neurology and Dementia**
  - Alzheimer disease and other dementias
  - Apraxia, dyslexia and other neuron diseases
  - Clinical technology for neurology
  - Imaging and pathologic diagnosis

- **Neural Technology and Rehabilitation**
  - Neural and cognitive rehabilitations
  - Rehabilitation robotics and biomechatronics
  - Brain-machine interface and rehabilitation
  - Social medicine and dementia

**IMPORTANT DATES (Language is English)**
- Abstract submission: September 11, 2009
- Notification of paper acceptance: September 28, 2009
- Camera-ready of accepted papers: October 30, 2009
- Symposium: December 11-12, 2009

**Keynote Speeches**
- **Dr. Mark Hallet**, Senior Investigator, Human Motor Control Section, NIH, USA
- **Dr. Yong Shen**, Head and Senior Scientist, Sun Health Research Institute, USA
- **Dr. Li-Hai Tan**, Professor, School of Humanities, The University of Hong Kong, HK
- **Dr. Hiroshi Mori**, Professor, Osaka City University Medical School, Osaka, Japan
- More several researchers will be presented as invited speeches in this symposium.

**Publication of Reference book**
“Early Detection and Rehabilitation Technologies for Dementia: Neuroscience and Biomedical Applications”, which is mainly composed of the excellent papers in this symposium, is published by IGI Global in 2010.

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