

December 11-12, 2009
Okayama University 50th Anniversary Hall, Japan

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

Special Talks

Mark Hallett
Yong Shen
Li-Hai Tan
Hiroshi Mori
Tetsuo Kobayashi
Shozo Tobimatsu
Hideaki Tanaka
Koji Abe
Hidenao Fukuyama
Mamoru Mitsuishi
Shuxiang Guo
Hiroshi Watabe
Tetsuo Touge
Takao Yamasaki
Kei Yamada
Anqi Qiu
Dehua Chui
Hongbin Han
Yong Jeong

<http://frontier.mech.okayama-u.ac.jp/DRD2009/>
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2009 International Symposium on Early Detection and Rehabilitation Technology of Dementia (DRD2009)

December 11-12, 2009, Okayama, JAPAN

Sponsored by

Institute of Complex Medical Engineering (ICME)
Japan Society for the Promotion Science (JSPS)
Okayama University

Technical Co-sponsored by

IEEE Engineering in Medicine and Biology Society (EMBS)
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 biomechanics
 - ◆ 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 Hallett**, 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 HongKong, 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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Detailed Information

<http://frontier.mech.okayama-u.ac.jp/DRD2009/>