Asia-Pacific Symposium on Advances in UHF MRI
May 02-03, 2017

Organized by Interdisciplinary Institute of Neuroscience and Technology (ZIINT)
Zhejiang University, Hangzhou, China
268 Kaixuan Road, 7th Floor of Central Building, Hangzhou, China

The “Asia-Pacific Symposium on Advances in UHF MRI” is scheduled from May 02-03, 2017, at HuaJiaChi Campus of Zhejiang University, Hangzhou, China, where the Zhejiang University - Siemens Brain Imaging Research Center is located. The Symposium is sponsored by Siemens Healthcare Ltd., and being organized by the Interdisciplinary Institute of Neuroscience and Technology (ZIINT, www.ziint.zju.edu.cn) of Zhejiang University.

The Symposium will consist of two themes: (1) UHF MRI technologies and (2) applications to non-human primate studies, both of which are timely and hot topics. We have invited several worldwide well-known speakers. For detailed information, please visit our website at http://www.ziint.zju.edu.cn/en/news.asp?id=567.

The Symposium is free for all to register. Since there are only up to 70 seats available, please return the attached registration form by April 20, 2017, to ziint3@zju.edu.cn. Anyone registered on and after April 21, 2017, including onsite registration, will not be considered. Once your registration is confirmed, please book your travel and hotel accommodation immediately, as the Symposium falls on Labor Day – one of the major national holidays in China. We are happy to provide beverages and snacks during the Symposium; meals are not covered.

We look forward to seeing you at Hangzhou in May!

Sincerely yours,

Anna Wang Roe, Ph.D.
Director of ZIINT at Zhejiang University
Scientific Program

Tuesday 02 May 2017

8:30-8:45 Welcome Speech: Anna Wang Roe, Ph.D.
8:45-9:00 Siemens Presentation

Theme: UHF MRI Engineering

9:00-9:30 Lawrence L. Wald, Ph.D. Massachusetts General Hospital, USA

“New Technologies for UHF Neuroimaging”

9:30-10:00 Thomas Vaughan, Ph.D. Columbia University, USA

TBA

10:00-11:30 Open Discussion
11:30-13:30 Lunch & Break

Theme: UHF MRI and Neuroimaging

13:30-14:00 Kamil Ugurbil, Ph.D. University of Minnesota, USA

“Imaging Function and Connectivity in the Human Brain with High Magnetic Fields: Spanning Scales from Cortical Columns to Whole Brain”

14:00-14:30 Anna Wang Roe, Ph.D. Zhejiang University, China

“Ultrahigh Field Imaging for Brain Science: Challenges and Approaches”

14:30-14:45 Coffee Break

14:45-15:15 Jonathan R. Polimeni, Ph.D. Massachusetts General Hospital, USA

“Analysis and Acquisition Methods for High Spatial and Temporal Resolution fMRI at Ultra High Fields, and Applications in Human Visual Cortex”

15:15-16:30 Open Discussion

Wednesday 03 May 2017

Theme: UHF MRI in None-human Primate

8:30-9:00 David Leopold, Ph.D. National Institute of Health, USA
“Functional MRI Mapping of Single Neuron Responses during Natural Vision”
9:00-9:30  Afonso C. Silva, Ph.D.   National Institute of Health, USA

“Anatomical and Functional Neuroimaging of the Marmoset Brain”
9:30-9:45  Coffee Break

9:45-10:15  Wim Vanduffel, Ph.D.   University of Leuven, Belgium

“The Ventral Tegmental Area as Engine for Cortical Plasticity in Primates”
10:15-11:45  Open Discussion
11:45-13:30  Lunch &. Break

Theme: Other Topics in UHF MRI
13:30-14:00  Seong-Gi Kim, Ph.D.   Sungkyunkwan University, South Korea

“Layer-specific fMRI of the Rat Olfactory Bulb: Implication to Human fMRI”
14:00-14:30  Christopher Kroenke, Ph.D.   Oregon Health & Science University, USA

“Environmental Influences on Placental Function and Fetal Brain Development: Nonhuman Primate MRI Studies at the Oregon National Primate Research Center”
14:30-15:30  Open Discussion