

BRAIN INFORMATICS 2019

December 13-15, 2019, Haikou, Hainan, China



Panel on Brain Science meets Artificial Intelligence

Call for Participation

Introduction

Brain Science and Artificial Intelligence (AI) are becoming big science with big data and big innovation potential. Interplaying between Brain Science and AI studies has become a clear trend, introducing many big challenges and big opportunities. The aim of the panel is at promoting interdisciplinary studies, new industrial innovations and global collaborations in Brain Science and AI by discussing key issues, challenging topics, and answering some of the important and intriguing questions, such as:

- How do Brain Science and AI studies interplay?
- How does Brain Science inspire AI?
- How does AI technology support brain studies?
- What are fundamental issues for the development of a new generation of AI?
- What are technological advances and challenges for brain and mental health in the connected world?
- What are brain-machine intelligence advances that need 5G+AI to solve the problems that were once unsolvable in the past? And the related challenges?
- What are new industrial innovations and emerging, demanding products and services for the future of medicine, brain and mental health, and well-being?

The panel provides a great opportunity for researchers and practitioners from multidisciplinary fields to participate in cutting-edge discussions.

Panel Date: 12:00-14:00, December 14, 2019

Panel Chairs

Ning Zhong, Maebashi Institute of Technology, Japan and Beijing University of Technology, China
Hanchuan Peng, SEU-ALLEN Joint Center, Institute for Brain and Intelligence, China

Panelists

From Brain Science Background:

Michael Fox, Harvard Medical School, USA
Vinod Goel, York University, Canada
Guoming Luan, Capital Medical University, China
Xinguang Yu, Chinese PLA General Hospital, China

From AI Background:

Yike Guo, Imperial College London, UK
Yong Shi, Chinese Academy of Sciences, China
Huajin Tang, Zhejiang University, China
Feng Wu, Chinese University of Science and Technology, China