

## 5th Summer School on INtelligent signal processing for FrontIer Research and Industry



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### THE BRAIN & THE NEW TECHNOLOGIES: THE MEDICAL POINT OF VIEW

*Thursday 23 May 2019 10:10 (1h 50m)*

Professor Zhang will introduce some disruptive technologies about brain, such as CT, MRI, PET, rTMS and MEG and present one clinical case for each tech. She is indeed pioneering a completely new field.

Zhang Min is professor of neurology, chief physician, deputy Director of the department at the Tongji Hospital affiliated to Tongji Medical College of the Huazhong University of Science and Technology. She graduated from Tongji Medical University with a master's degree in neurology in 1995 and a doctorate in neurology from Tongji Medical College, University of Science and Technology in 2001. She was supported in 2009 by the Ministry of Education with the "New Century Outstanding Talent Program Project" and in the same year she was granted the Hubei province "Chu Tian Scholar." She is currently a member of the Society of Dementia and Cognitive impairment of the Chinese Medical Association of Neurology, the executive Committee of the Cognitive Impairment Institute of the Chinese Geriatric Medical Association, and a member of the Vascular Cognitive Impairment Group of the Chinese Stroke Society. She performed her post-doctorate research in 2002.8-2004.6 and 2006.8-2007.6 at the University of Washington in USA and at the University of British Columbia, Canada. Since working at the Tongji Hospital in 1995, she has focused on clinical and basic research in Alzheimer's disease (AD) and conducted cognitive screening and documentation among community populations, and established a comprehensive database of AD clinical data and biological samples. She published in the *Annals of Neurology*, *Cell Death & Disease*, *Stroke*, *Brain Pathology*, etc.

NOTE THE CHANGE in TIME of this LECTURE previously scheduled on Saturday morning. This is for accommodating with her schedule and the one of Prof Yung.

**Presenter:** Prof. ZHANG, Min (Deputy Director of the Neurology Department at the Tongji Hospital affiliated to Tongji Medical College of the Huazhong University of Science and Technology, Wuhan, CN.)

**Session Classification:** PLENARY MORNING SESSION