



The 14th International Conference
on Brain Informatics (BI 2021)

17 - 19 September 2021, Virtual Conference

Innovative Computational Approaches for Understanding Brain Functions and Treat its Disorders

14th International Conference on Brain Informatics (BI 2021)

Keynotes at-a-Glance

Brain Informatics

September 17-19, 2021

Virtual Conference

<https://www.bi2021.org/>

Supported by:



中国人工智能学会脑科学与人工智能专业委员会

CAAI Technical Committee on Brain Science and Artificial Intelligence (CAAI-TCBSAI)

All times are in **GMT+1 (UK Time)**

Day 01: Friday, September 17, 2021

Friday 17/09/2021 9:00 - 10:00 (GMT+1)	Keynote 1 Chair: <i>Professor Ning Zhong, Maebashi Institute of Technology, Japan</i> Title: Toward a computational model of brains affected by stroke with an eye to their repair Speaker: <i>Professor Maurizio Corbetta, University of Padua, Italy</i> Zoom link: https://us02web.zoom.us/j/85337349401
Friday 17/09/2021 10:00 - 11:00 (GMT+1)	Keynote 2 Chair: <i>Professor Stefano Vassanelli, University of Padova, Italy</i> Title: Inferring neural circuit interactions and neuromodulation from field potentials and electroencephalogram measures Speaker: <i>Professor Stefano Panzeri, University Medical Center Hamburg-Eppendorf (UKE), Germany</i> Zoom link: https://us02web.zoom.us/j/85337349401
11:00-11:30	Morning networking break
Friday 17/09/2021 11:30 - 12:30 (GMT+1)	Keynote 3 Chair: <i>Professor Michele Giugliano, SISSA, Italy</i> Title: Neo-Hebbian three-factor rules of synaptic plasticity: from reward to surprise Speaker: <i>Professor Wulfram Gerstner, Swiss Federal Institute of Technology Lausanne, Switzerland</i> Zoom link: https://us02web.zoom.us/j/85337349401
Friday 17/09/2021 12:30 - 13:30 (GMT+1)	Keynote 4 Chair: <i>Professor Gopikrishna Deshpande, Auburn University, USA</i> Title: Tackle Grand Challenges in Brain Health with Artificial Intelligence Speaker: <i>Professor Tianzi Jiang, Institute of Automation, The Chinese Academy of Sciences Beijing, China</i> Zoom link: https://us02web.zoom.us/j/85337349401

Day 02: Saturday, September 18, 2021

Saturday 18/09/2021 9:00-10:00 (GMT+1)	Keynote 5 Chair: <i>Professor Carlo Morabito, Mediterranea University of Reggio Calabria, Italy</i> Title: Brain-Inspired Brain Informatics: Methods, Systems, Applications Speaker: <i>Professor Nikola Kasabov, Auckland University of Technology, NZ</i> <i>George Moore Chair/Professor, University of Ulster, UK</i> <i>Zoom link: https://us02web.zoom.us/j/83326668770</i>
Saturday 18/09/2021 10:00-11:00 (GMT+1)	Keynote 6 Chair: <i>Professor Xiaohui Tao, University of Southern Queensland, Australia</i> Title: Quantitative Assessment Essential Tremor Based on Machine Learning Methods Using Wearable Device Speaker: <i>Professor Xinguang Yu, Chinese PLA General Hospital and Nankai University School of Medicine.</i> <i>Director of Institute of Neurosurgery in Chinese PLA General Hospital Beijing, China</i> <i>Zoom link: https://us02web.zoom.us/j/83326668770</i>
11:00-11:30	Morning networking break
Saturday 18/09/2021 11:30-12:30 (GMT+1)	Keynote 7 Chair: <i>Professor Marco Zorzi, University of Padova, Italy</i> Title: From areas and networks to individual predictions Speaker: <i>Professor Simon B. Eickhoff, Director, Institute of Systems Neurosciences Heinrich Heine University Düsseldorf, Germany</i> <i>Zoom link: https://us02web.zoom.us/j/83326668770</i>
Saturday 18/09/2021 12:30-13:30 (GMT+1)	Keynote 8 Chair: <i>Professor Michela Chiappalone, University of Genoa, Italy</i> Title: Mapping and analyzing the circuit architecture of Mammalian brains at the Mesoscopic scale Speaker: <i>Professor Partha P. Mitra, Crick-Clay Professor of Biomathematics at Cold Spring Harbor Laboratory, USA and H.N. Mahabala Distinguished Chair in Computational Brain Research at IIT Madras, India</i> <i>Zoom link: https://us02web.zoom.us/j/83326668770</i>