

BRAIN 2020



Scientific Programme

14th February 2020 (Friday)

Session 1: Neuroimaging in Cognitive Neuroscience and Brain Diseases I		Shaw Auditorium, 1/F
<i>Chairpersons: Dr. Tom CHEUNG & Prof. Urs MAURER</i>		
09:05 – 09:40	Cultural Neuroscience – Understanding Chinese versus American Cultural Influences on Brain and Cognition	Ying-Yi HONG
9:40 – 10:15	The Neural Mechanism of Decision Making and Moral Judgment in Adolescents	Savio WONG
10:15 – 10:50	Language and Music in the Brain	Patrick WONG
10:50 – 11:10	Coffee Break	
Session 2: Neuroimaging in Cognitive Neuroscience and Brain Diseases II		Shaw Auditorium, 1/F
<i>Chairpersons: Prof. Winnie CHU & Prof. Patrick WONG</i>		
11:10 – 11:45	Multi-Modal MRI in Early Brain Development	Xiujuan GENG
11:45 – 12:20	Multimodal EEG-fMRI neuroimaging of reading acquisition and dyslexia	Urs MAURER
12:20 – 14:00	Lunch	
Session 3 : Brain Tumours I – Management of Low-grade Glioma		Kai Chong Tong, G/F
14:00 – 14:30	Treatment of Lower-grade Gliomas: Evidence and Controversies	Sith SATHORN SUMETEE
14:30 – 15:15	Science and Surgery of Low-grade Glioma	Hugues DUFFAU
15:15 – 15:45	Coffee Break	
Session 4 : Brain Tumours II – Biology I		Kai Chong Tong, G/F
15:45 – 16:15	The Epigenetic Mechanism and Clinical Translation of Metabolic Profiling in IDH Mutated Gliomas	Wei HUA
16:15 – 16:45	Imaging the Invasive Margin of Glioblastoma	Stephen J PRICE
16:45 – 17:15	How WHO will Likely Classify Pediatric Low Grade Gliomas in 2020?	Ho-Keung NG
Session 5 : Dr Lui Che Woo Distinguished Professor Public Lecture		Shaw Auditorium, 1/F
17:30 – 18:30	Understanding Human Pain, Relief and Altered States of Consciousness using Brain Imaging	Irene TRACEY

BRAIN 2020



15 February 2020 (Saturday)

Session 6 A : Neuroimaging in Cognitive Neuroscience and Brain Diseases III		Kai Chong Tong, G/F
<i>Chairpersons: Prof. Y.K. WING & Dr. Winnie WONG</i>		
09:00 – 09:30	Automated Imaging Technologies Guiding Acute Stroke Treatment	Yannie SOO
09:30 – 10:00	Functional MRI in our Understanding and Management of Mood Disorders	Sandra CHAN
10:00 – 10:30	MRI and EEG-based Functional Connectivity to analyze Motor Recovery after Stroke	Raymond TONG
10:30 – 11:00	Quantitative and Artificial Intelligence-based Evaluation of Neurodegenerative Diseases	SHI Lin
11:00 – 11:20	Coffee Break	
Session 7A : Neuroimaging in Cognitive Neuroscience and Brain Diseases IV		Kai Chong Tong, G/F
<i>Chairpersons: Dr. Jill ABRIGO & Prof. Alexander LAU</i>		
11:20 – 11:50	Imaging markers for MS and NMOSD	Yaou LIU
11:50 – 12:20	Machine Learning for Neurosurgeons - From Neuroimaging to Genomics	Zsolt ZADOR
12:20 – 12:50	A Revolution in Neuroimaging - Retinal Imaging	Carol CHEUNG
12:50 – 14:00	Lunch	
Session 6B : Brain Tumours III – Biology II		Shaw Auditorium, 1/F
09:00 – 09:30	Quantitative Phase Microscopy for Neuroimaging and Brain Cancer Diagnostics	Ren-Jie ZHOU
09:30 – 10:00	Characterization of Cancer Evolutionary Landscape Informs Precision Oncology of Glioma	Ji-Guang WANG
10:00 – 10:30	Genomics of Brain Metastasis in the Framework of Stage Specific Population Model	Hannah Hong XUE
10:30 – 11:00	Coffee Break	
Session 7B : Brain Tumours IV – Management of Glioblastoma		Shaw Auditorium, 1/F
11:00 – 11:30	Update in Management of Glioblastoma	Sith SATHORNSUMETEE
11:30 – 12:00	Tumour Treating Fields (TTF) for Glioblastoma – Hong Kong Experience	Tai-Chung LAM
12:00 – 12:30	Improving Cognitive Outcome for Patients with Glioblastomas	Stephen J PRICE
12:30 – 13:00	Lunch	
Session 8 : Mr Otto Lien Da Wong Visiting Professorial Lecture in Neuro-oncology		Shaw Auditorium, 1/F
14:00 - 15:00	Recent advances in Glioma Surgery	Hugues DUFFAU
15:00 - 15:15	Plague Presentation & Photo Taking	