7th Iranian Human Brain Mapping Program (IHBM 2020)

Panel	Monday (9th November)	Tuesday (10th November)	Wednesday (11th November)	Thursday (12th November)	13th November
	Neurology & Pain	Psychiatry & Neurocognitive Disorders	Neurosurgery	Psychiatry & Sleep	Workshop
9-10	***Welcome*** Citations from Quran National Anthem **Mojtaba Zarei** (Director of IMSAT) **Saadolah Nasiri Gheydari** (Chancellor of SBU) **Alireza Zali** (Chancellor of SBMU)	-	-	-	***Dynamic Causal Modelling for Resting State fMRI workshop*** Adeel Razi
10-11	***Keynote talk:*** **Tor Wager (Dartmouth College):** Neuroimaging of pain and emotion: Representation, biomarkers, and interventions	***Keynote talk:*** **Peter Kochunov (University of Maryland):** Reshaping psychiatry using big data studies	**Saeed Oraee Yazdani (Shahid Beheshti University of Medical Sciences):** Application of brain mapping in brain tumor surgery	***Keynote talk:*** **Kai Spiegelhalder (University of Freiburg):** Neuroimaging insights on insomnia disorder	
11-11:30	**Ashkan Mowla (University of Southern California):** Unruptured brain aneurysm: a ticking time bomb or don't worry, be happy	**Martine Hoogman (Radboud University):** Looking at the ADHD brain from multiple angles	**Masoumeh Najafi (Iran University of Medical Sciences):** Organ-at-risk-sparing 3D radiotherapy planning supported by brain mapping	**Govinda Poudel (University of Sydney):** Sleeping while awake: Functional neuroimaging of behavioural microsleeps	
11:30-12	**Ali Khatibi (University of Birmingham):** Cerebrospinal Imaging: Understanding pain processing and motor learning in human	**Tim Silk (Deakin University):** Fibre specific white matter tract profiles of children with ADHD	**Sajad Shafiee (Mazandaran University of Medical Sciences):** Application of brain mapping in seizure surgery	**Andrew Bagshaw (University of Birmingham):** Multimodal neuroimaging in sleep and epilepsy	
12-12:30	**Shahabeddin Vahdat (University of Florida):** Functional neuroimaging of the spinal cord and brain circuits	**Manouchehr Vafaee (University of South Denmark):** Dopaminergic, serotonergic neurotransmission, glucose metabolism, and dendritic spines densities in the pathogenesis of Autism Spectrum Disorders	**Amin Jahanbakhshi (Iran University of Medical Sciences):** Application of brain mapping in functional neurosurgery	**Masoud Tahmasian (Shahid Beheshti University):** Sleep and neuroimaging, a need for a large collaboration **Fateme Samea (Shahid Beheshti University):** ADHD and sleep disturbance: the role of intrinsic brain networks	
12:30-13	Break-Time				
13-13:30	**Lorenzo Pasquini (University of California San Francisco):** Frontotemporal dementia, dynamic connectivity, and psychedelics: distinct windows on salience network function	**Narges Radman (Institute for Research in Fundamental Sciences):** Bilingual advantage on cognitive control: Does it really exist?	**Students' Poster Presentation**	**Closing Session**	
13:30-14	**Behrooz Yousefi (Philipps University of Marburg):** Pitfalls and advances in developing PET tracers for neurodegenerative disorders diagnosis neuroimaging	**Ladan Ghazi Saidi (University of Nebraska at Kearney):** Neural correlates of language processing in bilinguals: a dynamic system levered by language proficiency and language distance			
14-14:30	**Massih Moayedi (University of Toronto):** The neural mechanisms of temporomandibular disorders: insights from structural and functional MRI.	**Mohammad Shahdloo (University of Oxford):** Mapping language representation in the brain via deep models	***Multi-Variate Pattern Analysis In Human Brain Mapping Symposium*** Tijl Grootswagers, Jade Jackson, Maryam Vaziri-Pashkam, Hamid Karimi-Rouzbahani	***Effective CV Writing and Professional Interview Workshop*** Ali Khatibi, Masoud Tahmasian	
14:30-15	Break-Time				
15-15:30	**Ali Mazaheri (University of Birmingham):** The potential of brain rhythms to gauge the resiliency and vulnerability of an individual to mental illness.	**Adeel Razi (Monash University):** Causal models of brain function			
15:30-16	**Hasti Shabani (Shahid Beheshti University):** Spatial Resolution and Neuroimaging	**Sara Genon (Jülich Research Center):** Beyond performance in building predictive models of behaviour from resting-state functional connectivity: a focus on interpretability and sociodemographic factors			
16-16:30	**Amir H. Omidvarnia (Center for Neuroprosthetics, EPFL):** Temporal complexity of resting state fMRI is reproducible and correlates with higher order cognition.	**Sofie Valk (Jülich Research Center):** Genetics and phylogenetic factors underlying topological organization of cortical structure			
16:30-17	Break-Time				
17-18:30	**Students' Oral Presentations**	**Q & A session**			