

Artificial Intelligence in Neuroscience and Health Care

Friday, 11 Dec 2020 (14:30 - 18:00 PKT)

SN	Time* (hrs)	Duration (min)	Topic	Speaker	Affiliation
1	14:30 - 14:35	5	Overview of Workshop	Dr. Faisal Shafait	
2	14:35 - 15:20	45	Wearables in Healthcare	Dr. Didier Stricker	Professor & Head of the Research Dept. Augmented Vision, DFKI (German Research Center for Artificial Intelligence), Kaiserslautern, Germany
3	15:20 - 15:40	20	NeuroInformatics from a Practitioner's Perspective	Dr. Saima Shafait	Pak-Emirates Military Hospital, Rawalpindi, Pakistan
6	15:40 - 16:05	25	On-Chip Chronic Disease Monitoring: Where Machine-Learning Meets Patient-Specific Wearable Healthcare Applications	Dr. Muhammad Awais Bin Altaf	Assistant Professor, School of Science and Engineering, LUMS, Lahore, Pakistan
7	16:05 - 16:30	25	Applications and Challenges of EEG preprocessing and analysis in Psychiatry	Dr. Wajid Mumtaz	Assistant Professor, Department of Electrical Engineering, SEECS-NUST, Islamabad, Pakistan
8	16:30 - 16:55	25	A hybrid EEG-fNIRS BCI for multi-directional drone control in real-time	Dr. Jawad Khan	Assistant Professor, School of Mechanical & Manufacturing Engineering, SMME-NUST, Islamabad, Pakistan
9	16:55 - 17:25	30	Pushing the Frontiers of Neuro-Engineering	Dr. Awais Kamboh	Associate Professor, College of Computer Science and Engineering, University of Jeddah, Saudi Arabia
10	17:25 - 18:00	35	Panel Discussion	Dr. Didier Stricker, Dr. Faisal Shafait, Dr. Awais Kamboh, Dr. Saima Shafait	

* Pakistan Standard Time (GMT + 5)