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East African Summer School on Optics and Lasers | (smr 3934)

Monday 13 May 2024

- (08:00-17:00)

time	title	presenter
08:00	Biomedical Optics with a focus on the theory and applications of near-infrared tissue spectroscopy for Point-of-Care monitoring of cerebral blood flow, metabolism, and oxygenation	MAMADOU DIOP
09:00	Digital Holography Microscopy	HUMBERTO CABRERA
10:00	Tea/Coffee Break	
10:15	AI-Driven Biomedical imaging for Smart Diagnostics	WAQAS SULTANI
11:15	AI-Driven Biomedical imaging for Smart Diagnostics	WAQAS SULTANI
12:15	The potential of optical biosensor in bridging the diagnostic gap in developing countries	DICKSON KINYUA
13:15	Lunch Break	
14:00	Laboratory Session	MUHAMMAD QASIM MEHMOOD (INFORMATION TECHNOLOGY UNIVERSITY OF THE PUNJAB, PAKISTAN), HUMBERTO CABRERA (ICTP, ITALY), JARED OMBIRO GWARO (MAASAI MARA UNIVERSITY, KENYA), ELIJAH OGARO (MULTIMEDIA UNIVERSITY OF KENYA)
16:00	Tea/Coffee Break	