

Nigerian Association of Medical Physicists (NAMP)

Medical Physics Harmattan School Programme Timetable February 7 - 9, 2022 (All times are in GMT +1, WAT)

Date	Time	Principal Discipline	Topics	Presenter	Affiliation
Day 1			All times include 10 mins of Q&A	Iyobosa Uwadiae	Coordinator
February 7	9:00 am – 9:10 am	MPCE	Opening	Fatai Balogun Dan Clark	Nigerian Association of Medical Physicists (NAMP) Institute of Physicists & Engineers in Medicine (IPEM)
February 7	9:10 am – 9:50 am	MP	Medical Physics: the past, present and future	Lookman Abdullah	GenesisCare, Queensland, Australia
February 7	9:50am – 10:20am	MP	Career prospects for Medical Physicists in Nigeria	Michael Akpochafor	Marcelle Ruth Cancer Centre and specialist Hospital, Lagos
February 7	10:20am-10:50am	MPCE	Career opportunities in Clinical Engineering	Dan Clark	Nottingham University Hospital NHS Trust, UK
February 7	10:50am-11:00 am	MPCE	Round up and summary		
Day 2					
February 8	9:00 am – 9:40 am	MP	Overview of Radiography and Medical Imaging	Jimmy Stringer	UCHealth, Cincinnati, Ohio, USA

February 8	9:40 am – 10:20 am	MP	Understanding Digital Communication in Medicine	Peter Sandwall	OhioHealth, Mansfield, Ohio, USA
February 8	10:20am-10:30 am	Break			
February 8	10:30 am – 11:10 am	MP	Patient dose monitoring and optimization in diagnostic radiology	Matt Dunn	Nottingham University Hospital NHS Trust, UK
February 8	11:10 am – 11:50am	MP	Radiotherapy Physics	Keith Langmack	Nottingham University Hospital NHS Trust, UK
Day 3					
February 9	9:00 am– 9:40 am	MPCE	MR Radio-Frequency Coils: Physics Principles and Design	Bob Stormont	University of Aberdeen, UK
February 9	9:40 am – 10:20 am	MPCE	Pulse Oximetry Explained: Using Light Waves to Analyse Haemoglobin	Chenyang He Lianglian Liu	University of Nottingham, UK
February 9	10:20am– 10:30am	Break			
February 9	10:30 – 11:20 am	MPCE	Electricity in the Heart: The basic principles behind Electrocardiography	Busola Oronti Davide Paggio	University of Warwick, UK
February 9	10:45am-11:00am	MPCE	Closing	Fatai Balogun Dan Clark	Nigerian Association of Medical Physicists (NAMP) Institute of Physicists & Engineers in Medicine (IPEM)

MP – Medical Physics

MPCE – Medical Physics and Clinical Engineering