



## Nigerian Association of Medical Physicists (NAMP)

### Medical Physics Harmattan School Programme Timetable March 8-12, 2021 (All times are in GMT +1, WAT)

Date	Time	Principal Discipline	Topics	Presenter	Affiliation
March 8	9:00 am – 9:05 am	MPCE	Introduction	Iyobosa Uwadiae	University College Hospital, Ibadan
March 8	9:05 am – 9:20 am	MPCE	Opening	Moses Aweda Taofeeq Ige Dan Clark	Nigerian Association of Medical Physicists Federation of African Medical Physics Organizations Institute of Physicists & Engineers in Medicine
March 8	9:20 am – 10:05 am	MP	An Introduction to Physics in Healthcare	Liz Parvin	The Open University UK
March 8	10:05am – 10:50am	CE	An Introduction to Engineering in Healthcare	Dan Clark	Nottingham University Hospital NHS Trust, UK
March 8	10:50 am – 11:00am	MPCE	Round-up and summary		
March 9	Moderator: Mark Umakha				University College Hospital, Ibadan
March 9	9:00 am – 9:40 am	MP	Introduction to Health Physics	Tobi Ife-Adediran	Federal University of Technology, Akure

March 9	9:40 am - 10:20 am	MP	Radiation detection and measurement	Akin Omojola	Federal Medical Centre, Asaba
March 9	10:20 am - 11:00am	MP	Physics of X-ray imaging	MaryAnn Ekpo	University of Ibadan
March 9	11:00am- 11:30 am	<b>Break</b>			
March 9	11:30 – 12:10 pm	MP	Physics of nuclear medicine	Tolulope Ayodele	University College Hospital, Ibadan
March 9	12:10 – 12:50 pm	MP	Physics of molecular imaging	Tosin Ijaleye	Harbin Medical University, China
March 9	12:50 – 1:30 pm	MP	The physics of cancer treatment	Emmanuel Oyekunle	University College Hospital, Ibadan
March 10	Moderator: Iyobosa Uwadiae				
March 10	9:00 am– 9:40 am	MP	Application of cell mechanics in medicine	Kayode Dada	Obafemi Awolowo University, Ile-Ife
March 10	9:40 am – 10:20 am	CE	An Introduction to Physiological Measurement	Dan Clark	Nottingham University Hospital NHS Trust, UK
March 10	10:20 am – 10:40 am	<b>Break</b>			
March 10	10:40 – 11:20 am	CE	Physics of the eye	Chris Degg	Nottingham University Hospital NHS Trust, UK

March 10	11:20 – 12:00 pm	CE	Physics of the ear	Chris Degg	Nottingham University Hospital NHS Trust, UK
March 10	12:00 – 12:40 pm	CE	Physics of the heart	Leandro Pecchia	University of Warwick, UK
March 11	Moderator: Mark Umakha				University College hospital, Ibadan
March 11	9:30 – 10:10 am	MP	Application of Fourier transformation/ mathematical physics in medicine	Paul Morgan	Nottingham University Hospital NHS Trust, UK
March 11	10:10 – 10:50 am	MP	NMR in medicine	Michael Dada	Federal University of Technology, Minna
March 11	10:50am– 11:30 am	CE	Sound waves in medicine/ultrasound	Bede Madu	University College hospital, Ibadan
March 11	11:30am 12:00pm	<b>Break</b>			
March 11	12:00 pm 12:40pm	CE	RF Interaction with the human body	Oluyemi Aboyewa	Creighton University, USA
March 11	12:40 – 1:20 pm	MPCE	Artificial intelligence in medicine	Maruf Adewole	Marcelle Ruth Cancer Centre, Lagos
March 11	1:20 – 2:00 pm	MPCE	Radiobiology and Artificial Intelligence.	Abayomi Opadele	Hokkaido University, Japan
March 12	Moderator: Bede Madu				University College hospital, Ibadan

March 12	9:00 am – 11:45 am	MPCE	Virtual lab 1 Virtual lab 2 Virtual lab 3	Akin Omojola Temitope Orotoye/Dare Adewa Olayemi Ajeleti/Aderonke Adedokun	Federal Medical Centre, Asaba Marcelle Ruth Cancer Centre/Eko cancer centre, Lagos University College Hospital, Ibadan
March 12	11:45am- 12:00pm	MPCE	Closing	Moses Aweda Dan Clark	President, NAMP Vice President International, IPEM
March 8-12			Technical support	Tunde Onawola Jesutofunmi Fajemisin	University College hospital, Ibadan African University of Science and Technology, Abuja

CE – Clinical Engineering

MPCE – Medical Physics and Clinical Engineering