Week overview – 2019 IEEE NSS-MIC

Sat, 26 Oct	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
10:00 AM																
12:00 PM														SC-2 – Integrated Circuits for Detector Signal Processing	SC-1 – Radiation Detection and Measurement	
2:00 PM																
4:00 PM																
6:00 PM																

Sun, 27 Oct	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
10:00 AM						WS-QTS – Quantum Technologies and Sensing Workshop	WS-INM-I – Instrumentation and Measurement in Nuclear Media Workshop I	WS-OPD I – Data Libraries Coffee Break	WS-RAP – Robotics and Autonomous Platforms in the Nuclear Industry					SC-3 – Fast timing detectors for HEP and medical applications	SC-1 – Radiation Detection and Measurement	
12:00 PM								WS-OPD II – Electromagnetic Data								
							Lunch	Lunch								
2:00 PM							WS-INM-II – Instrumentation and Measurement in Nuclear Media Workshop II	WS-OPD III – Validation and Uncertainty Quantification Coffee Break								
4:00 PM								WS-OPD IV – Open Data Libraries: Planning the Future								
6:00 PM																

Mon, 28 Oct	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
7:00 AM																
8:00 AM																
9:00 AM												NP-1 – NSS Plenary I				
10:00 AM	Coffee Break															
11:00 AM												NP-2 – NSS Plenary II				
12:00 PM																
1:00 PM	Lunch									CR – Computer Room				SC-3 – Fast timing detectors for HEP and medical applications	SC-4 – Medical image reconstruction: from foundations to AI	
2:00 PM		N-01 – Scintillators, Photodetectors and Applications I	N-02 – Radiation Hardness of Detectors and Systems I	N-03 – Computing Perspectives	N-04 – Nuclear Reactor Instrumentation I						R-01 – RTSD Opening					
3:00 PM				Coffee Break												
4:00 PM																
5:00 PM	N-05 – NSS Poster Session I										R-02 – Pixel Detectors I					
6:00 PM																
7:00 PM	6:30 PM - 10:00 PM :: NSS Dinner (Manchester Cathedral)															
8:00 PM																
9:00 PM																
10:00 PM																

Tue, 29 Oct	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
9:00 AM		N-06 – Neutron Detectors and Gamma Imaging I	N-07 – Analog and Digital Electronics I	N-08 – Novel and Emerging Technologies I	N-09 – Astrophysics and Space Instrumentation I						R-03 – Imaging & Applications I					
10:00 AM	Coffee Break															
11:00 AM			N-10 – Synchrotron, FEL, XFEL I		N-11 – Gaseous Detectors I							JS-01 – New detectors and systems				
12:00 PM																
1:00 PM	Lunch													SC-5 – Hybrid nuclear medicine devices: instrumentation and application	SC-6 – Artificial intelligence for medical image analysis and processing	RTSD Lunch
2:00 PM				N-12 – Simulation Methods and Validation								JS-02 – New detectors timing / data acquisition				
3:00 PM																
4:00 PM	Coffee Break															
5:00 PM	R-04 – RTSD Poster Session		N-13 – Readout, Trigger and DAQ I	N-14 – Physics Data								JS-03 – New applications and dosimetry				
6:00 PM																
7:00 PM	Exhibitors Reception (Central Hall)															

Wed, 30 Oct	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
9:00 AM		N-15 – Neutron Detectors and Gamma Imaging II	N-16 – Analog and Digital Electronics II	N-17 – Fast Detectors, Fast Electronics and Applications I	N-18 – Strip and Pixels I			ExPr 01 – Exhibitor Presentation			R-05 – CZT Materials I	MP-1 – MIC Plenary I				
10:00 AM	Coffee Break															
11:00 AM	N-19 – NSS Poster Session II							ExPr 02 – Exhibitor Presentation			R-06 – Perovskite Detectors	MP-2 – MIC Plenary II				
12:00 PM																
1:00 PM	Lunch							TTS – From publicly funded research to society through industry: dream or reality?								
2:00 PM	M-01 – MIC Poster Session I	N-20 – Scintillators and Photodetectors II	N-21 – Radiation Hardness of Detectors and Systems II		N-22 – Astrophysics and Space Instrumentation II			ExPr 03 – Exhibitor Presentation			R-07 – Pixel Detectors II					
3:00 PM																
4:00 PM	Coffee Break															
5:00 PM		N-23 – High Energy and Nuclear Physics I	N-24 – Synchrotron, FEL, XFEL II	N-25 – Novel and Emerging Technologies II	N-26 – Artificial Intelligence Applications			ExPr 04 – Exhibitor Presentation			R-08 – Organic and Neutron Detectors	M-03 – Tomographic Image Reconstruction Techniques I	M-02 – New Radiation Detector Technologies for Medical Imaging I			
6:00 PM																
7:00 PM	7:00 PM - 10:00 PM :: Conference Reception (Central Hall)															
8:00 PM																
9:00 PM																
10:00 PM																

Thu, 31 Oct	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
9:00 AM		N-27 – Neutron Detectors and Gamma Imaging III	N-28 – Analog and Digital Electronics III	N-29 – Instrumentation and Concepts for Nuclear Security I	N-30 – Strip and Pixel II						R-09 – TlBr Detectors	MP-3 – MIC Featured Speakers				
10:00 AM	Coffee Break															
11:00 AM		N-31 – High Energy and Nuclear Physics II		N-32 – Experimental Computing	N-33 – NSS Dosimeters and Applications						R-10 – CZT Detectors II	M-05 – Simulation and Modelling of Medical Imaging and Therapy Systems	M-04 – New Radiation Detector Technologies for Medical Imaging II			
12:00 PM																
1:00 PM	Lunch															
2:00 PM	M-06 – MIC Poster Session II	N-34 – Scintillators and Photodetectors III	N-35 – Readout, Trigger and DAQ II	N-36 – Instrumentation and Concepts for Nuclear Security II	N-37 – NSS Gaseous Detectors and Applications II						R-11 – Imaging and Applications II					
3:00 PM																
4:00 PM	Coffee Break															
5:00 PM		N-38 – Neutron Detectors and Gamma Imaging IV		N-39 – High Energy and Nuclear Physics Instrumentation III	N-40 – Novel and Emerging Technologies III						R-12 – RTSD Award Presentation and SiC Detectors	M-08 – Parametric Imaging and Kinetic Modelling	M-07 – Medical Imaging Systems I			
6:00 PM																
7:00 PM									STIR Users' & Developers' Meeting							
8:00 PM																

Fri, 01 Nov	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
9:00 AM		NSS-41 – NSS Closing Session										M-10 – Tomographic Image Reconstruction Techniques II	M-09 – High-Resolution Application-Specific Imaging Systems I			
10:00 AM	Coffee Break															
11:00 AM		NSS-42 – NSS Closing Session										M-12 – Image Quality Assessment and Standardization	M-11 – X-Ray Imaging Systems			
12:00 PM																
1:00 PM	Lunch															
2:00 PM	M-13 – MIC Poster Session III															
3:00 PM																
4:00 PM	Coffee Break															
5:00 PM												M-15 – Data Corrections and Quantitative Imaging Techniques	M-14 – Medical Imaging Systems II			
6:00 PM																
7:00 PM	6:30 PM - 10:00 PM :: MIC Dinner (Free Trade Hall / Radisson Blu Edwardian)															
8:00 PM																
9:00 PM																
10:00 PM																

Week overview – 2019 IEEE NSS-MIC

Sat, 02 Nov	Central 1 ()	Charter 1 ()	Charter 2 ()	Charter 3 ()	Charter 4 ()	Exchange 1 ()	Exchange 10 ()	Exchange 11 ()	Exchange 2 & 3 ()	Exchange 6 & 7 ()	Exchange 8-10 ()	Exchange Auditorium ()	Exchange Hall ()	Hilton Hotel - Deansgate 2 ()	Hilton Hotel - Deansgate 3 ()	Trafford Room / Midland Hotel ()
8:00 AM																
9:00 AM		MIC-16 – High-Resolution Application-Specific Imaging Systems II	MIC-17 – Imaging in Radiotherapy, Proton and Hadron Therapy													
10:00 AM	Coffee Break															
11:00 AM		MIC-18 – Deep Learning and Computational Intelligence Techniques for Image Analysis	MIC-19 – Emerging Applications of PET, SPECT and X-ray Techniques													
12:00 PM																
1:00 PM	Lunch															
2:00 PM		MC-CL – MIC Closing Plenary Session - Roadmap for the Future of Medical Imaging														
3:00 PM																
4:00 PM		WS-AI – Emergence and perspectives of artificial intelligence (AI) methods in radiation-based imaging sciences														
5:00 PM																
6:00 PM																