



Program: Monday, 12 Nov, 2018

	Cockle Bay I	Cockle Bay II	Darling Harbour Theatre	Meeting Room C3.3	Meeting Room C3.6	Meeting Room C4.1	Meeting Room C4.2	Meeting Room C4.3	Meeting Room C4.5	Park Side Ballroom		
7:00 am												
8:00 am						SC-7 Advanced Photodetectors	SC-8 GATE, a GEANT4 Based Simulation Toolkit	SC-9 Medical Image Reconstruction: Theory and Practice				
9:00 am			N-01 NSS Plenary I									
10:00 am			Coffee Break									
11:00 am			N-02 NSS Plenary II									
12:00 pm												
1:00 pm	Lunch	Lunch	Lunch	Lunch	Lunch				Lunch			
2:00 pm	N-03 Photodetectors I	N-04 Synchrotron and FEL Instrumentation I		N-05 Creative Computing	N-06 DAQ, Trigger and FEE I				R-01 RTSD Opening			
3:00 pm												
4:00 pm	Coffee Break	Coffee Break		Coffee Break	Coffee Break				Coffee Break	Coffee Break		
5:00 pm									R-02 RTSD Pixel Detectors	N-07 NSS Poster Session		
6:00 pm												
7:00 pm												
8:00 pm		NSS Dinner										

Program: Tuesday, 13 Nov, 2018

	Cockle Bay I	Darling Harbour Theatre	The Gallery	Meeting Room C3.3	Meeting Room C3.4 & C3.5	Meeting Room C3.6	Meeting Room C4.5	Meeting Room C4.9
7:00 am								
8:00 am								
9:00 am		N-08 NSS Plenary III					R-03 RTSD Detector Systems	
10:00 am	Coffee Break	Coffee Break		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 am	N-09 Nuclear Instrumentation & Measurements for Reactors	JS-01 NSS-MIC-RTSD Joint Session		N-10 Nuclear Physics Instrumentation	N-11 Astrophysics and Space Instrumentation I	N-12 DAQ, Trigger and FEE II		MIC-WS I New Technologies in Hadron Therapy Workshop
12:00 pm								
1:00 pm	Lunch	Lunch		Lunch	Lunch	Lunch		Lunch
2:00 pm	N-13 Analog & Digital Circuits I	JS-02 NSS-MIC Joint Session		N-14 Trusting Software?	N-15 Radiation Damage Effects and Rad Hard Devices			MIC-WS II New Technologies in Hadron Therapy Workshop
3:00 pm								
4:00 pm	Coffee Break	Coffee Break		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
5:00 pm		JS-03 Hadron therapy and microdosimetry Joint Session		N-16 Experimental Computing	N-17 Astrophysics and Space Instrumentation II	N-18 DAQ, Trigger and FEE III	R-04 RTSD Award + Crystal Growth	MIC-WS III New Technologies in Hadron Therapy Workshop
6:00 pm								
7:00 pm			ER – Exhibitor Reception					
8:00 pm								

Program: Wednesday, 14 Nov, 2018

	Cockle Bay I	Cockle Bay II	Darling Harbour Theatre	Grand Ballroom	Meeting Room C3.1	Meeting Room C3.3	Meeting Room C3.4 & C3.5	Meeting Room C3.6	Meeting Room C4.4	Meeting Room C4.5	Park Side Ballroom
7:00 am											
8:00 am	N-19 - Instrum. Homel.Nuclear Sec.I Active Interrogation and Radiography	N-20 Scintillator Materials I	M-01 MIC Plenary I		ExPr Exhibitor Presentation		N-21 High Energy Physics Instrumentation I				R-05 RTSD - Poster Session
9:00 am											
10:00 am	Coffee Break	Coffee Break	Coffee Break		Coffee Break		Coffee Break			Coffee Break	Coffee Break
11:00 am			M-02 MIC Plenary II		ExPr Exhibitor Presentation					R-06 RTSD - Material Characterization	N-22 NSS - Poster Session
12:00 pm											
1:00 pm	Lunch	MLT Machine Learning Tutorial	Lunch		Lunch	Lunch	Lunch			Lunch	Lunch
2:00 pm	N-23 Instrumentation and Homeland Nuclear Security II: Detectors	N-24 Synchrotron & FEL Instrumentation II			ExPr Exhibitor Presentation	N-25 Scintillation Detectors	N-26 High Energy Physics Instrumentation II			R-07 RTSD - CdZnTe Detectors	M-03 MIC - Poster Session
3:00 pm											
4:00 pm	Coffee Break	Coffee Break			Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
5:00 pm	N-27 Neutron Detectors & Instrumentation I	M-04 New radiation detector technologies 1			ExPr Exhibitor Presentation	N-28 Gaseous Detectors I Developments	N-29 Semiconductor Detectors I	N-30 Scintillator Materials II	M-05 Simulation and modelling of imaging systems	R-08 RTSD - Perovskite Materials	
6:00 pm											
7:00 pm											
8:00 pm				CR – Conference Reception							

Program: Thursday, 15 Nov, 2018

	Cockle Bay I	Cockle Bay II	Darling Harbour Theatre	Meeting Room C3.3	Meeting Room C3.4 & C3.5	Meeting Room C4.4	Meeting Room C4.5	Meeting Room C4.9	Park Side Ballroom
7:00 am									
8:00 am	N-31 Photodetectors I	N-32 Semiconductor Detectors II	M-06 MIC Plenary 3	N-33 Neutron and Gamma Imaging I: Gamma Imaging Techniques & Advancements			R-09 RTSD TlBr Detectors		
9:00 am									
10:00 am	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		Coffee Break		Coffee Break
11:00 am	N-34 Neutron Detectors and Instrumentation II	N-35 Analog & Digital Circuits II		N-36 High Energy Physics Instrumentation III	N-37 Scintillator Materials III		R-10 RTSD CdZnTe Detectors 2		M-07 MIC Poster Session
12:00 pm									
1:00 pm	Lunch	Lunch		Lunch	Lunch	Lunch	Lunch	Women in Engineering IEEE Women in Engineering We	
2:00 pm	N-38 - Instrumentation & Homeland Nuclear Security III: Algorithms and Techniques	M-08 New radiation detector technologies 2		N-39 Gaseous Detectors II Developments and Applications	N-40 Scintillation Detectors II	M-09 Tomographic image reconstruction 1	R-11 RTSD Detector Systems 2		
3:00 pm									
4:00 pm	Coffee Break	Coffee Break		Coffee Break	Coffee Break	Coffee Break	Coffee Break		
5:00 pm	N-41 Neutron Detectors and Instrumentation III	M-10 High resolution imaging systems		N-42 Analog & Digital Circuits III	N-43 Semiconductor Detectors III	M-11 Clinical emission tomography instrumentation			
6:00 pm									
7:00 pm								STIR-1 – STIR	
8:00 pm									

STIR Users' & Developers Meeting
 Meeting Room C4.9; 18:00h - 20:00h

Program: Friday, 16 Nov, 2018

	Cockle Bay I	Cockle Bay II	Luna Park (external)	Meeting Room C3.3	Meeting Room C3.4 & C3.5	Meeting Room C4.5	Park Side Ballroom
7:00 am							
8:00 am	M-12 Multi-modality imaging	M-13 Tomographic image reconstruction 2		N-44 Neutron and Gamma Imaging II: Neutron Imaging and Tomography	N-45 Gaseous Detectors III Applications	R-12 RTSD CdTe and GaAs Materials	
9:00 am							
10:00 am	Coffee Break	Coffee Break		Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 am	N-46 NSS Closing Session	N-46 NSS Closing Session				R-13 RTSD Closing Session	M-14 MIC Poster Session
12:00 pm							
1:00 pm	Lunch	Lunch				Lunch	Lunch
2:00 pm	M-15 Deep learning for image and signal processing	M-16 CT imaging systems					
3:00 pm							
4:00 pm	Coffee Break	Coffee Break		Coffee Break			
5:00 pm	M-17 Data corrections and quantitative techniques	M-18 Imaging in Radiotherapy 1		SP Radiation Instrumentation Educational session			
6:00 pm							
7:00 pm							
8:00 pm			MIC Dinner				

Program: Saturday, 17 Nov, 2018

	Cockle Bay I	Meeting Room C3.5	Meeting Room C3.6	Meeting Room C4.5
7:00 am				
8:00 am				
9:00 am	M-19 Signal and image processing	MIC-WS3 Image Guidance for Radiotherapy: From Today's Best Practice in the Clinic to Future Applications using Synchrotron Radiation		M-20 Imaging in radiotherapy 2
10:00 am	Coffee Break			Coffee Break
11:00 am	M-21 Quantification and kinetic modelling			M-22 New and emerging techniques
12:00 pm	Lunch			Lunch
1:00 pm	M-23 - MIC Plenary 4: Conference Highlights and Invitation to 2019 MIC			
2:00 pm				
3:00 pm				
4:00 pm				
5:00 pm			MIC-WS2 Total-Body PET Imaging Workshop - TBPI	
6:00 pm				
7:00 pm				
8:00 pm				