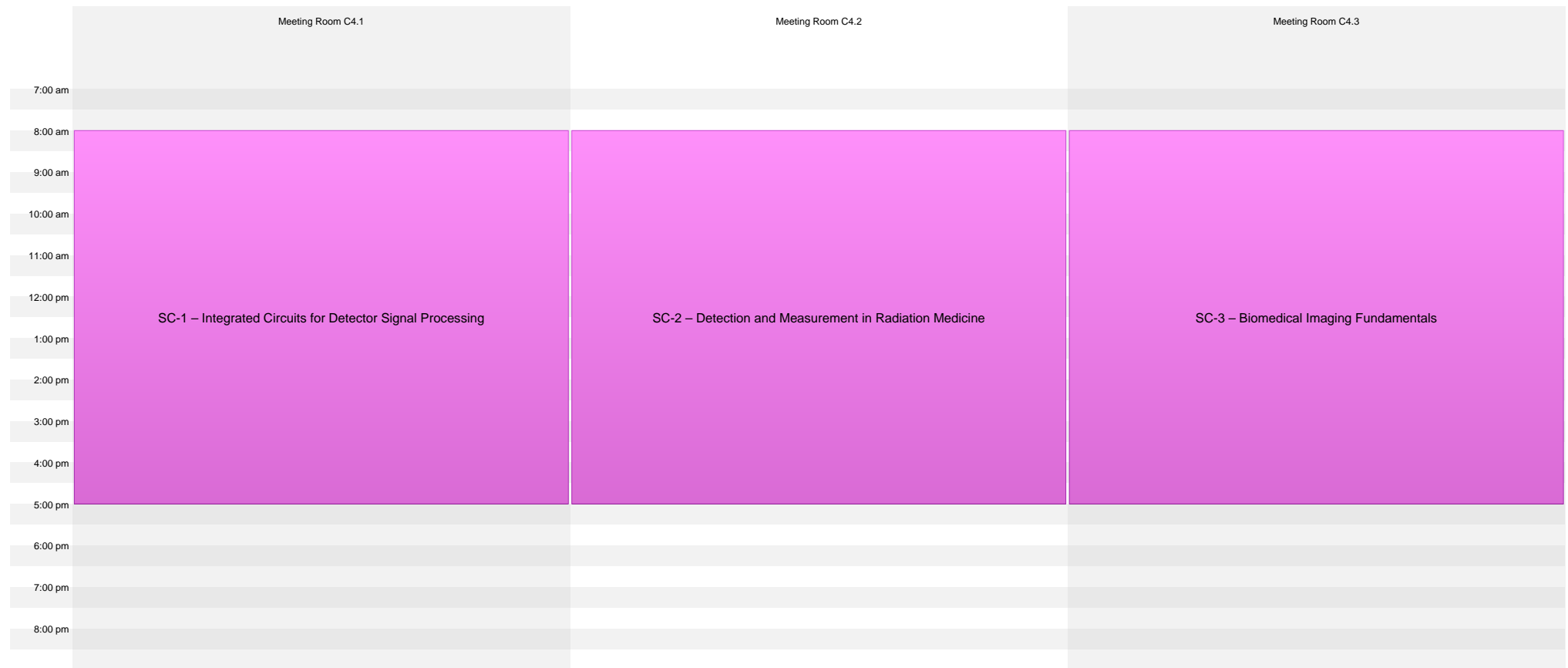


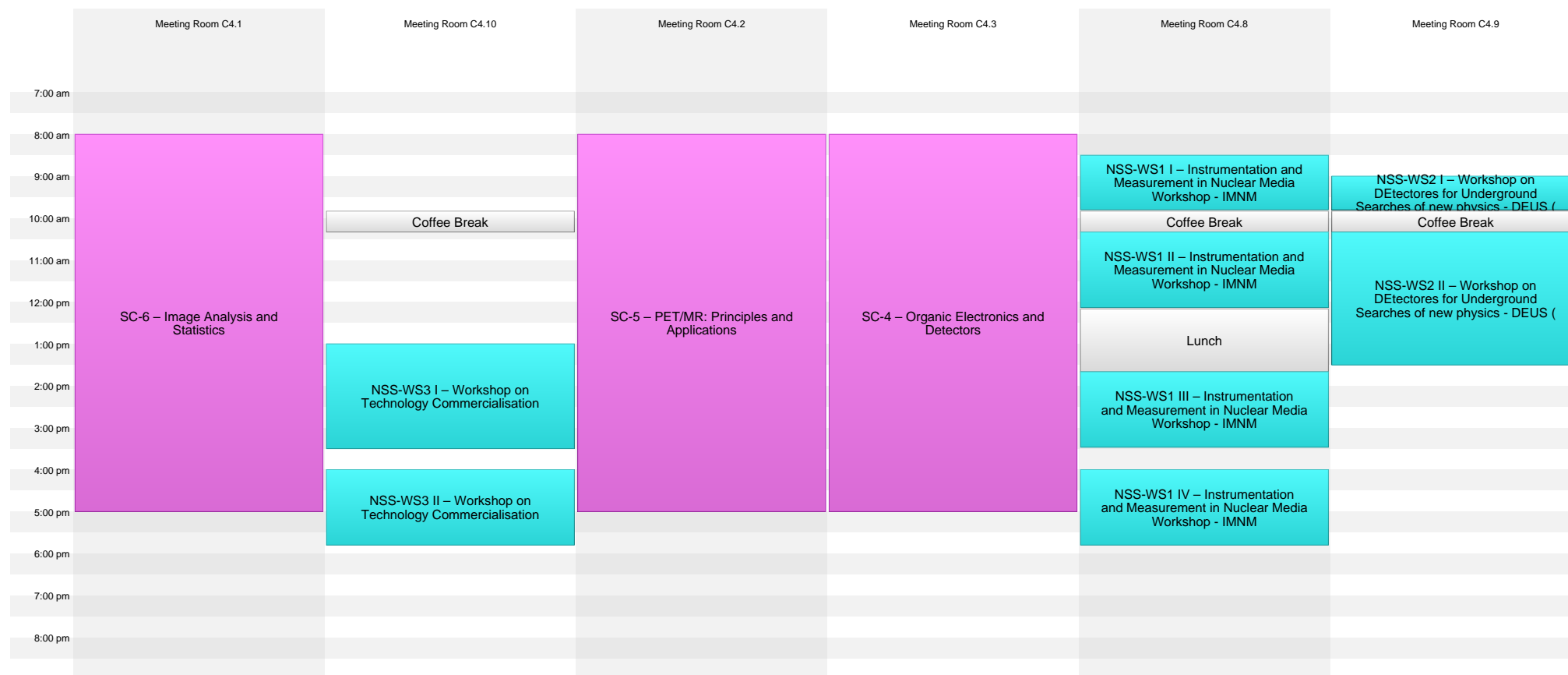
Week overview



Overview: Saturday, 10 Nov, 2018



Overview: Sunday, 11 Nov, 2018



Overview: 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-9 – Medical Image Reconstruction: Theory and Practice	SC-8 – GATE, a GEANT4 Based Simulation Toolkit	SC-7 – Advanced Photodetectors				
9:00 am			N-01 – NSS Plenary I									
10:00 am	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break						Coffee Break	Coffee Break
11:00 am			N-02 – NSS Plenary II									
12:00 pm												
1:00 pm	Lunch	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	Coffee Break
5:00 pm											R-02 – RTSD Pixel Detectors	N-07 – NSS Poster I
6:00 pm												
7:00 pm												
8:00 pm	NSS Dinner	NSS Dinner										

Overview: Tuesday, 13 Nov, 2018

	Cockle Bay I	Darling Harbour Theatre	Meeting Room C3.3	Meeting Room C3.4&C3.5	Meeting Room C3.6	Meeting Room C4.5	Meeting Room C4.9	The Gallery
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 and 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-WS1 I – New Technologies in Hadron Therapy Workshop	
12:00 pm								
1:00 pm	Lunch	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-WS1 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 RTSD Award + Crystal Growth		
6:00 pm								
7:00 pm								ER – Exhibitor Reception
8:00 pm								

Overview: Wednesday, 14 Nov, 2018

	Cockle Bay I	Cockle Bay II	Darling Harbour Theatre	Grand Ballroom	Meeting Room C3.3	Meeting Room C3.4&C3.5	Meeting Room C3.6	Meeting Room C4.4	Meeting Room C4.5	Meeting Room C4.8	Park Side Ballroom
7:00 am											
8:00 am	N-19 – Instrumentation for Homeland and Nuclear Security I: Active Interrogation and	N-20 – Scintillator Materials I	M-01 – MIC Plenary 1: Opening, Keynote Address and Hoffman Award			N-21 – High Energy Physics Instrumentation I				ExPr-I – Exhibitor Presentation	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	Coffee Break	Coffee Break	Coffee Break
11:00 am			M-02 – MIC Plenary 2: Keynote Address and Hasegawa Young Investigator Award						R-06 – RTSD Material Characterization	ExPr-II – Exhibitor Presentation	N-22 – NSS Poster II
12:00 pm											
1:00 pm	Lunch	MLT – Machine Learning Tutorial	Lunch		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
2:00 pm	N-23 – Instrumentation for Homeland and Nuclear Security II: Detectors	N-24 – Synchrotron and FEL Instrumentation II			N-25 – Scintillation Detectors I	N-26 – High Energy Physics Instrumentation II			R-07 – RTSD CdZnTe Detectors	ExPr-III – Exhibitor Presentation	M-03 – Poster
3:00 pm											
4:00 pm	Coffee Break	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 and Instrumentation I	M-04 – New radiation detector technologies 1			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	ExPr-IV – Exhibitor Presentation	
6:00 pm											
7:00 pm											
8:00 pm				CR – Conference Reception							

Overview: 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									
9:00 am	N-31 – Photodetectors II	N-32 – Semiconductor Detectors II	M-06 – MIC Plenary 3: IEEE NPSS Christopher J Thompson Student Award Finalists	N-33 – Neutron and Gamma Imaging I: Gamma Imaging Techniques and Advancements			R-09 – RTSD TlBr Detectors		
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 – Poster
12:00 pm									
1:00 pm	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	WIE – Women in Engineering	
2:00 pm	N-38 – Instrumentation for Homeland and 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									

Overview: Friday, 16 Nov, 2018

	Cockle Bay I	Cockle Bay II	Luna Park	Meeting Room C3.3	Meeting Room C3.4&C3.5	Meeting Room C4.5	Park Side Ballroom
7:00 am							
8:00 am							
9:00 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	
10:00 am	Coffee Break	Coffee Break		Coffee Break	Coffee Break	Coffee Break	
11:00 am		N-46 – Closing Session				R-13 – RTSD Closing Session	M-14 – Poster
12:00 pm							
1:00 pm	Lunch	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	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				

Overview: 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	Coffee Break
11:00 am	M-21 – Quantification and kinetic modelling			M-22 – New and emerging techniques
12:00 pm				
1:00 pm	Lunch		Lunch	Lunch
2:00 pm	M-23 – MIC Plenary 4: Conference Highlights and Invitation to 2019 MIC			
3:00 pm			MIC-WS2 I – Total-Body PET Imaging Workshop - TBPI	
4:00 pm			MIC-WS2 II – Total-Body PET Imaging Workshop - TBPI	
5:00 pm			MIC-WS2 III – Total-Body PET Imaging Workshop - TBPI	
6:00 pm				
7:00 pm				
8:00 pm				