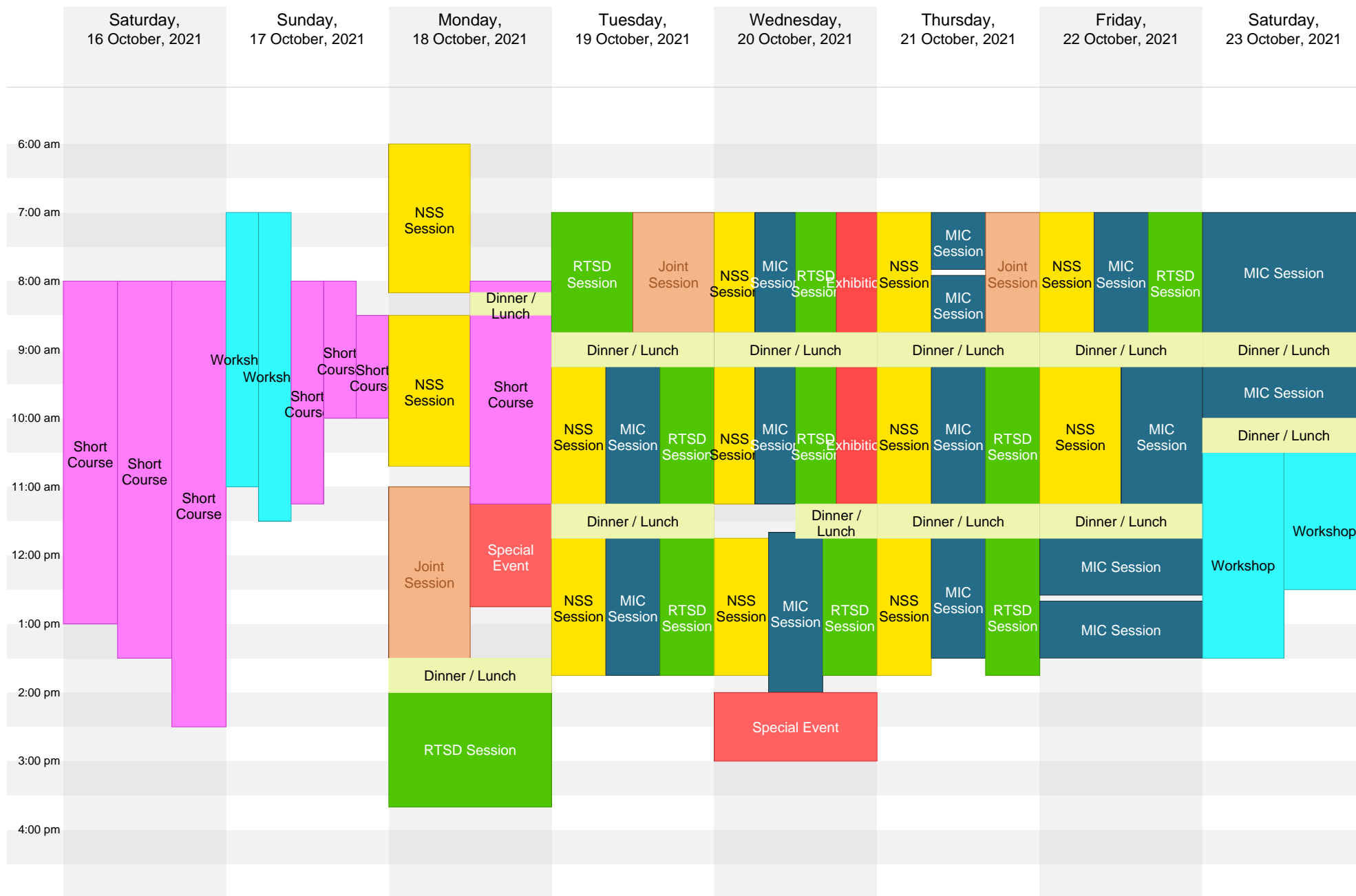


### Week overview



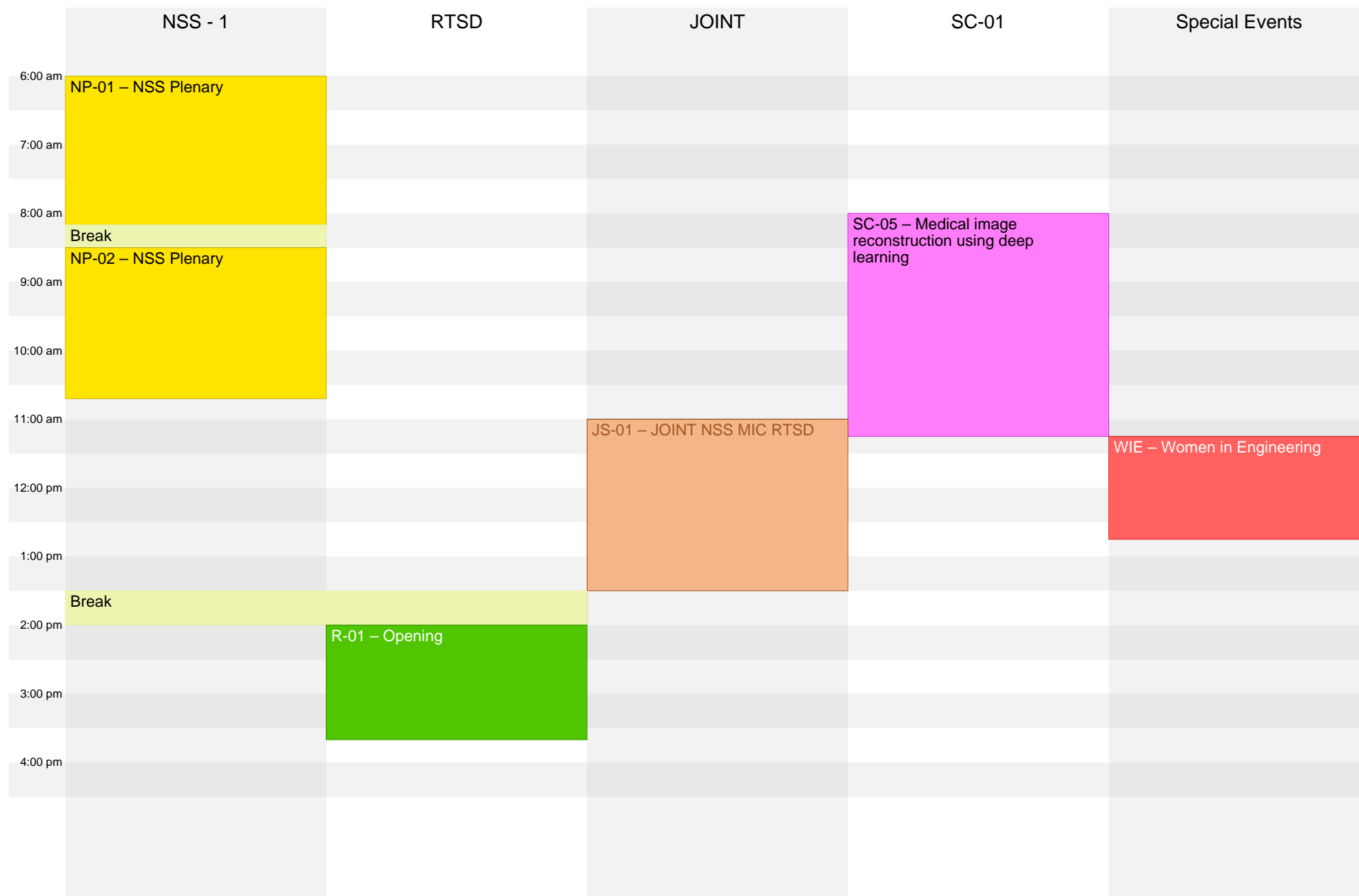
## Overview: Saturday, 16 Oct, 2021

	SC-01	SC-02	SC-03
8:00 am	SC-01 – Integrated circuits for detector signal processing and radiation hardened design	SC-04 – Spectral photon counting CT (computed tomography)	SC-07 – PET kinetic modeling and parametric imaging
9:00 am			
10:00 am			
11:00 am			
12:00 pm			
1:00 pm			
2:00 pm			
3:00 pm			

## Overview: Sunday, 17 Oct, 2021

	SC-01	SC-02	SC-03	WS-01	WS-02	WS-03	WS-04
7:00 am							
8:00 am	SC-02 – Application of the machine learning to the collider experiments	SC-03 – Scientific writing	SC-06 – Fast-timing scintillation detectors in PET (positron emission tomography) and other applications	WS-01 – Radiation measurement for accelerating Fukushima's environmental recovery and decommissioning - 10 years after the Fukushima Nuclear Disaster	WS-02 – Advanced technologies for future large-scale neutrino experiments	WS-03 – Quantum sensing for biomedical application	WS-04 – Total-body PET image reconstruction
9:00 am							
10:00 am							
11:00 am							
12:00 pm							

## Overview: Monday, 18 Oct, 2021



## Overview: Tuesday, 19 Oct, 2021

	NSS - 1	NSS - 2	NSS - 3	NSS - 4	MIC - 1	RTSD	JOINT
7:00 am						R-02 – Pixel Detector	JS-02 – JOINT NSS MIC
8:00 am							
9:00 am	Break						
10:00 am	N-01 – Computer Modeling I	N-02 – Scintillator I	N-03 – Gamma-ray Imaging	N-04 – Dosimetry	MP-01 – MIC Plenary I	R-03 – Perovskite Detectors	
11:00 am							
	Break						
12:00 pm	N-05 – Analog & Digital I	N-06 – Gaseous Detectors I	N-07 – Neutron Imaging	N-08 – Nuclear Power and reactor applications	MP-02 – MIC Plenary II	R-04 – RTSD POSTERS	
1:00 pm							
2:00 pm							

## Overview: Wednesday, 20 Oct, 2021

	NSS - 1	NSS - 2	NSS - 3	NSS - 4	MIC - 1	MIC - 2	MIC - 3	MIC - 4	RTSD	Technical Session	VIRTUAL
7:00 am	N-09 – NSS Poster	N-10 – Analog & Digital, DAQ, Computing, Imaging	N-11 – Photodetectors, Homeland security, Astrophysics	N-12 – Scintillators, Scintillation Detectors	M-01 – Imaging in Radiation Therapy and New Detector Technology	M-02 – Simulation and Modeling of Medical Imaging Systems			R-05 – Imaging	TC-01 – Technical Session	
8:00 am											
9:00 am	Break								Break		
10:00 am	N-13 – High Resolution Circuits for Timing and Spectroscopy	N-14 – Gaseous Detectors II	N-15 – Semiconductor Detectors I	N-16 – Scintillation Detectors I	M-03 – New Radiation Detector Technologies for Medical Imaging	M-04 – Tomographic Reconstruction			R-06 – TiBr, SiC and Amorphous Seiconductor	TC-02 – Technical Session	
11:00 am											
12:00 pm	Break								Break		
1:00 pm	N-17 – DAQ Trigger High Energy Physics	N-18 – Homeland security I: Radiation detection applications and nuclear safeguards	N-19 – Scintillator II	N-20 – Nuclear and High Energy Physics I	MO-01 – MIC Mini-Oral I: Student Paper Award Poster Competition	MO-02 – MIC Mini-Oral II: New Concepts and Detectors	MO-03 – MIC Mini-Oral III: Emission Systems	MO-04 – MIC Mini-Oral IV: Imaging in Therapy / Image Processing	R-07 – Imaging Applications and Systems		
2:00 pm											YP – Young Professionals
3:00 pm											
4:00 pm											

## Overview: Thursday, 21 Oct, 2021

	NSS - 1	NSS - 2	NSS - 3	NSS - 4	MIC - 1	MIC - 2	RTSD	JOINT
7:00 am	N-21 – Computer Modeling II	N-22 – Photodetectors I	N-23 – Gaseous Detectors, Nuclear and High Energy Physics		M-05 – MIC-Poster I			JS-03 – JOINT NSS - RTSD
8:00 am					M-06 – MIC-Poster II			
9:00 am	Break							
10:00 am	N-24 – DAQ Trigger Non-High Energy Physics	N-25 – Photodetectors II - solid state	N-26 – Astrophysics	N-27 – Homeland security II: Imaging and applications	M-07 – Student Paper Award Competition	M-08 – Denoising and Segmentation Using Deep Learning Approaches	R-08 – Semiconductor Materials	
11:00 am	Break							
12:00 pm	N-28 – NSS Poster		N-29 – Synchrotron Radiation	N-30 – Nuclear and High Energy Physics II	M-09 – High Resolution Imaging Systems	M-10 – Parametric Imaging and Motion Correction	R-09 – Scientist Award and Semiconductor Materials	
1:00 pm								
2:00 pm								

## Overview: Friday, 22 Oct, 2021

	NSS - 1	NSS - 2	NSS - 3	NSS - 4	MIC - 1	MIC - 2	RTSD
7:00 am	N-31 – Radiation Damage	N-32 – Semiconductor Detectors II	N-33 – Unconventional Detectors	N-34 – Scintillation Detectors II	M-11 – Clinical Emission Systems and Image Quality Assessment	M-12 – X-ray and CT	R-10 – Space-Charge Effects and Detector Polarization
8:00 am							
9:00 am	Break				Break		
10:00 am	N-35 – NSS-Closing				M-13 – Emerging Applications and New Concepts in Medical Imaging	M-14 – Scatter and Attenuation Corrections	
11:00 am							
	Break						
12:00 pm					M-15 – MIC-Poster III		
1:00 pm					M-16 – MIC-Poster IV		
2:00 pm							



## Overview: Saturday, 23 Oct, 2021

	MIC - 1	MIC - 2	WS-01	WS-02
7:00 am	M-17 – Imaging in Radiation Therapy	M-18 – Motion Correction and Image Enhancement		
8:00 am				
9:00 am	Break			
	M-19 – MIC Closing			
10:00 am	Break			
11:00 am			WS-05 – Workshop: Challenges moving from the lab bench to clinical practice for nuclear medicine	WS-06 – GATE User's Meeting
12:00 pm				
1:00 pm				
2:00 pm				