# Week Overview

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<th>Saturday, 10 Nov, 2018</th>
<th>Sunday, 11 Nov, 2018</th>
<th>Monday, 12 Nov, 2018</th>
<th>Tuesday, 13 Nov, 2018</th>
<th>Wednesday, 14 Nov, 2018</th>
<th>Thursday, 15 Nov, 2018</th>
<th>Friday, 16 Nov, 2018</th>
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<td>SC-1 – Integrated Circuits for Detector Signal Processing</td>
<td>SC-2 – Detection and Measurement in Radiation Medicine</td>
<td>SC-3 – Biomedical Imaging Fundamentals</td>
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Overview: Sunday, 11 Nov, 2018

Meeting Room C4.1: SC-6 – Image Analysis and Statistics

Meeting Room C4.10: Coffee Break

Meeting Room C4.2: SC-5 – PET/MR: Principles and Applications

Meeting Room C4.3: Coffee Break

Meeting Room C4.4: SC-4 – Organic Electronics and Detectors

Meeting Room C4.8: NSS-WS1 I – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

Meeting Room C4.9: Coffee Break

NSS-WS2 I – Workshop on DEelectores for Underground Searches of new physics - DEUS

NSS-WS3 I – Workshop on Technology Commercialisation

NSS-WS3 II – Workshop on Technology Commercialisation

NSS-WS1 III – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

NSS-WS1 IV – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

Lunch
## Overview: Monday, 12 Nov, 2018

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<td>N-04 – Synchrotron and FEL Instrumentation I</td>
<td>N-05 – Creative Computing</td>
<td>N-06 – DAQ, Trigger and FEE I</td>
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**Sessions:**
- **N-01 – NSS Plenary I**
- **N-02 – NSS Plenary II**
- **SC-7 – Advanced Photodetectors**
- **SC-8 – GATE, a GEANT4 Based Simulation Toolkit**
- **SC-9 – Medical Image Reconstruction: Theory and Practice**
- **R-01 – RTSD Opening**
- **R-02 – RTSD Pixel Detectors**
- **N-07 – NSS Poster I**
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<td>N-09 – Nuclear Instrumentation and Measurements for Reactors</td>
<td>JS-01 – NSS-MIC-RTSD Joint Session</td>
<td>N-10 – Nuclear Physics Instrumentation</td>
<td>N-11 – Astrophysics and Space Instrumentation I</td>
<td>N-12 – DAQ, Trigger and FEE II</td>
<td>R-03 – RTSD Detector Systems</td>
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<td>JS-03 – Hadron therapy and microdosimetry Joint Session</td>
<td>N-16 – Experimental Computing</td>
<td>N-17 – Astrophysics and Space Instrumentation II</td>
<td>N-18 – DAQ, Trigger and FEE III</td>
<td>R-04 – RTSD RTSD Award + Crystal Growth</td>
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<td>Cockle Bay I</td>
<td>N-19 – Instrumentation for Homeland and Nuclear Security I: Active Interrogation and Materials I</td>
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<td>Cockle Bay II</td>
<td>N-20 – Scintillator Materials I</td>
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<td>Darling Harbour Theatre</td>
<td>M-01 – MIC Plenary 1: Opening, Keynote Address and Hoffman Award</td>
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<td>N-21 – High Energy Physics Instrumentation I</td>
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<td>ExPr-I – Exhibitor Presentation</td>
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<td>R-05 – RTSD Poster Session</td>
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<td>N-22 – NSS Poster II</td>
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<td>N-23 – Instrumentation for Homeland and Nuclear Security II: Detectors</td>
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<td>N-24 – Synchrotron and FEL Instrumentation II</td>
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<td>N-25 – Scintillation Detectors I</td>
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<td>N-26 – High Energy Physics Instrumentation II</td>
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<td>R-07 – RTSD CdZnTe Detectors</td>
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<td>N-27 – Neutron Detectors and Instrumentation I</td>
<td>N-28 – Gaseous Detectors I - Developments</td>
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<td>M-04 – New radiation detector technologies I</td>
<td>N-29 – Semiconductor Detectors I - Developments</td>
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<td>N-30 – Scintillator Materials II</td>
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<td>M-05 – Simulation and modelling of imaging systems</td>
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<td>R-08 – RTSD - Perovskite Materials</td>
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## Overview: Thursday, 15 Nov, 2018

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<td>N-31 – Photodetectors II</td>
<td>N-32 – Semiconductor Detectors II</td>
<td>M-06 – MIC Plenary 3: IEEE-NPSS Christopher J Thompson Student Award Finalists</td>
<td>N-33 – Neutron and Gamma Imaging I: Techniques and Advancements</td>
<td>R-09 – RTSD TIBr Detectors</td>
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<td>N-41 – Neutron Detectors and Instrumentation III</td>
<td>M-10 – High resolution imaging systems</td>
<td>N-42 – Analog &amp; Digital Circuits III</td>
<td>N-43 – Semiconductor Detectors III</td>
<td>M-11 – Clinical emission tomography instrumentation</td>
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<td>M-12 – Multi-modality imaging</td>
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<td>N-44 – Neutron and Gamma Imaging II: Neutron Imaging and Tomography</td>
<td>N-45 – Gaseous Detectors III: Applications</td>
<td>R-12 – RTSD CdTe and Ge/As Materials</td>
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<td>M-15 – Deep learning for image and signal processing</td>
<td>M-16 – CT imaging systems</td>
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<td>M-17 – Data corrections and quantitative techniques</td>
<td>M-18 – Imaging in radiotherapy I</td>
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### Overview: Saturday, 17 Nov, 2018

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<td>Cottle Bay 1</td>
<td>M-19 – Signal and image processing</td>
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<td>M-20 – Imaging in radiotherapy 2</td>
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<td>M-21 – Quantification and kinetic modelling</td>
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<td>M-22 – New and emerging techniques</td>
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<td>M-23 – MIC Plenary 4: Conference Highlights and Invitation to 2019 MIC</td>
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**MIC WS3 – Image Guidance for Radiotherapy: From Today’s Best Practice in the Clinic to Future Applications using Synchrotron Radiation**