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Overview: Sunday, 11 Nov, 2018

Meeting Room C4.1
7:00 am
SC-6 – Image Analysis and Statistics

8:00 am
 NSS-WS3 I – Workshop on Technology Commercialisation

9:00 am
Coffee Break

10:00 am
NSS-WS3 II – Workshop on Technology Commercialisation

11:00 am
NSS-WS3 III – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

12:00 pm
Lunch

1:00 pm
NSS-WS1 III – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

2:00 pm
NSS-WS1 IV – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

3:00 pm
NSS-WS2 I – Workshop on DETectors for Underground Searches of new physics - DEUS I

4:00 pm
Coffee Break

5:00 pm
NSS-WS2 II – Workshop on DETectors for Underground Searches of new physics - DEUS I

Meeting Room C4.2
7:00 am
SC-5 – PET/MR: Principles and Applications

Meeting Room C4.3
7:00 am
SC-4 – Organic Electronics and Detectors

Meeting Room C4.8
7:00 am
NSS-WS1 I – Instrumentation and Measurement in Nuclear Media Workshop - IMNM

Meeting Room C4.9
7:00 am
NSS-WS2 I – Workshop on DETectors for Underground Searches of new physics - DEUS I

8:00 pm
# Overview: Monday, 12 Nov, 2018

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<td>SC-9 – Medical Image Reconstruction: Theory and Practice</td>
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<td>SC-8 – GATE, a GEANT4 Based Simulation Toolkit</td>
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<td>SC-7 – Advanced Photodetectors</td>
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<td>N-03 – Photodetectors I</td>
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<td>N-04 – Synchrotron and FEL Instrumentation I</td>
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# Overview: Tuesday, 13 Nov, 2018

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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>MIC-WS1 I – New Technologies in Hadron Therapy Workshop</td>
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ER = Exhibitor Reception

R-03 – RTSD Detector Systems

R-04 – RTSD RTSD Award + Crystal Growth

R-05 – RTSD RTSD Joint Session
# Overview: Wednesday, 14 Nov, 2018

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### Overview: Thursday, 15 Nov, 2018

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<td>8:00 am</td>
<td>N-31 – Photodetectors II</td>
<td>N-32 – Semiconductor Detectors II</td>
<td>M-06 – MIC Plenary 3: IEEE NPSS/ Theta 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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## Overview: Friday, 16 Nov, 2018

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<td>M-12 – Multi-modality imaging</td>
<td>M-13 – Tomographic image reconstruction II</td>
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<td>N-44 – Neutron and Gamma Imaging II: Neutron Imaging and Tomography</td>
<td>N-45 – Gasesus Detectors III - Applications</td>
<td>R-12 – RTSD CdTe and GaAs 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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<td>SP – Radiation Instrumentation Educational session</td>
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### Overview: Saturday, 17 Nov, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room C3.5</th>
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<td>7:00 am</td>
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<td>8:00 am</td>
<td>M-19 – Signal and image processing</td>
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<td>9:00 am</td>
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<td>10:00 am</td>
<td>Coffee Break</td>
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<td>12:00 pm</td>
<td>M-21 – Quantification and kinetic modelling</td>
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<td>1:00 pm</td>
<td>Lunch</td>
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<td>2:00 pm</td>
<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**

**M-20 – Imaging in radiotherapy 2**

**Coffee Break**

**Coffee Break**

**M-22 – New and emerging techniques**

**Lunch**

**Lunch**

**MIC-WS2 I – Total-Body PET Imaging Workshop - TBPI**

**MIC-WS2 II – Total-Body PET Imaging Workshop - TBPI**

**MIC-WS2 III – Total-Body PET Imaging Workshop - TBPI**