



# X-ray & Neutron Imaging Workshop 2026

Monday, 7 Sept - Wednesday, 9 Sept 2026  
Clayton | Australia



# PROGRAM

Note: Program may be subject to change prior to the event



Hosted by the Australian Synchrotron

## Day 1

Monday, 7 September 2026

9:00 AM	<b>Welcome and Introduction</b>
9:00 AM	<b>Flash presentations by participants</b>
10:45 AM	<b>Morning Tea</b>
11:00 AM	<b>Transmission Imaging Principles</b>
11:40 AM	<b>X-ray Imaging</b>
12:20 PM	<b>Neutron Imaging</b>
1:00 PM	<b>Lunch</b>
2:00 PM	<b>Detailed description of IMBL</b>
2:35 PM	<b>Detailed description of MCT</b>
3:10 PM	<b>Detailed description of IMBL</b>
3:45 PM	<b>Afternoon Tea</b>
4:00 PM	<b>Basics of Computed Tomography</b>
4:40 PM	<b>Considerations for data collection</b>
5:20 PM	<b>Data collection and data management principles</b>
6:30 PM	<b>Poster Session</b>

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## Day 2

Tuesday, 8 September 2026

9:00 AM	<b>IMBL</b>	<b>MCT</b>	<b>DINGO</b>	<b>AS-Tour</b>
	Group 1	Group 2	Group 3	Group 4
10:45 AM <b>Morning Tea</b>				
11:00 AM	<b>IMBL</b>	<b>MCT</b>	<b>DINGO</b>	<b>AS-Tour</b>
	Group 2	Group 3	Group 4	Group 1
1:00 PM <b>Lunch</b>				
2:00 PM	<b>IMBL</b>	<b>MCT</b>	<b>DINGO</b>	<b>AS-Tour</b>
	Group 3	Group 4	Group 1	Group 2
3:45 PM <b>Afternoon Tea</b>				
4:00 pm	<b>IMBL</b>	<b>MCT</b>	<b>DINGO</b>	<b>AS-Tour</b>
	Group 4	Group 1	Group 2	Group 3
6:00 PM <b>Gala Dinner off site</b>				

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## Day 3

Wednesday, 9 September 2026

9:00 AM	<b>Data access and Transfer systems</b>
9:30 AM	<b>ANSTO – data processing and Sci-Comp environment</b>
10:00 AM	<b>ASCI HPC: services and desktop introduction</b>
10:20 AM	<b>AINSE Information Session</b>
10:45 AM	<b>Morning Tea</b>
<b>CT RECONSTRUCTION TALKS</b>	
11:00 AM	<b>Step by step introduction, overview of DINGO, IMBL &amp; MCT workflows</b>
12:00 PM	<b>Stitching/overlaps and missing data</b>
12:20 PM	<b>Common artefacts and how to deal with them</b>
12:40 PM	<b>Segmentation, analysis and visualisation</b>
1:00 PM	<b>Lunch</b>
<b>SCIENCE TALKS</b>	
2:00 PM	<b>Synchrotron Imaging for Health</b>
2:30 PM	<b>Synchrotron Imaging for Geology/paleontology</b>
3:00 PM	<b>Synchrotron Imaging for Materials Science</b>
3:30 PM	<b>Complementary methods: XFM, IR</b>
3:45 PM	<b>Afternoon Tea</b>
4:00 PM	<b>Beamtime access and application procedure</b>
4:30 PM	<b>Participant flash presentations</b>
5:45pm	<b>Conclusion and closing statements</b>
6:00 PM	<b>Workshop finishes</b>