ANSTO

X-ray & Neutron Imaging Workshop 2026

Monday, 7 Sept - Wednesday, 9 Sept 2026

Clayton I Australia



Wasp image sample courtesy of Fiorella Esquivel (Macquarie University)

PROGRAM

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

Hosted by the Australian Synchrotron

PROGRAM

Day 1

Monday, 7 September 2026

9:00 AM	**Welcome and Introduction** Adam Round
9:15 AM	**Flash presentations by participants**
10:45 AM	**Morning Tea**
11:00 AM	**Transmission Imaging Principles** Andrew Stevenson
11:40 AM	**X-ray Imaging** Chris Hall
12:20 PM	**Neutron Imaging** Joseph Bevitt
1:00 PM	**Lunch**
2:00 PM	**Basics of Computed Tomography** Anton Maksimenko
2:35 PM	**Considerations for data collection** Chris Hall
3:10 PM	**AINSE Talk** Michelle Durant
3:45 PM	**Afternoon Tea**
4:00 PM	**Detailed description of IMBL** Matthew Cameron
4:40 PM	**Detailed description of MCT** Andrew Stevenson
5:20 PM	**Detailed description of DINGO** Ulf Garbe/Joseph Bevitt
6:30 PM	**Poster Session & Pizza dinner on-site**

- All session today will be held in the Auditorium
- Catering breaks, poster session and pizza dinner will be held in the exhibition space

PROGRAM

Day 2

Tuesday, 8 September 2026

9:00 AM	**Data aquisition: IMBL -** Anton Maksimenko
9:35 AM	**Data aquisition: MCT -** Benedicta Arhatari
10:10 AM	**Data aquisition: DINGO -** Floriana Esquivel
10:45 AM	**Morning Tea**
11:00 AM	**CT Reconstruction: IMBL workflows -** Anton Maksimenko
11:40 AM	**CT Reconstruction: MCT workflows -** Benedicta Arhatari
12:20 PM	**CT Reconstruction: DINGO workflows -** Ulf Garbe
1:00 PM	**Lunch**
2:00 PM	**Data management, Data access and Data transfer of large imaging datasets** - Christina Magoulas
2:30 PM	**ASCI Desktop access. available environments and basic use -** Kate Smith
3:00 PM	**Data segmentation/analysis - dragonfly and 3D slicer -** Ruwini Ekenayake
3:30 PM	**Beamtime access and application procedure -** Adam Round
3:45 PM	**Afternoon Tea**
4:00 PM	**Science talk: Synchrotron Imaging for Health** - Kaye Morgan
4:45 PM	**Science talk: Synchrotron Imaging for Geology/paleontology -** Joseph Bevitt
5:30 PM	**Science talk: Synchrotron Imaging for Materials Science -** Peter Lynch
6:30 PM	**Bus departs for Gala dinner off site at Ginger Restaurant**

- All session today will be held in the Auditorium
- Catering breaks will be held in the exhibition space
- Bus departure at 6:30pm from NCSS main entry

PROGRAM

Day 3

Wednesday, 9 September 2026

9:00 AM	**IMBL**	**MCT**	**DINGO**	**Data Analysis**
	Group 1	Group 2	Group 3	Group 4
10:30 AM	**Morning Tea**			
11:00 AM	**IMBL**	**MCT**	**DINGO**	**Data Analysis**
	Group 2	Group 3	Group 4	Group 1
12:30 PM	**Lunch**			
1:30 PM	**IMBL**	**MCT**	**DINGO**	**Data Analysis**
	Group 3	Group 4	Group 1	Group 2
3:00 PM	**IMBL**	**MCT**	**DINGO**	**Data Analysis**
	Group 4	Group 1	Group 2	Group 3
4:30 PM	**Afternoon Tea**			
5:00 PM	**Flash presentations by participants**			
5:45 PM	**Conclusion & closing -** Adam Round			
6:00 PM	**Workshop ends**			

- IMBL - meet at the Synchrotron model in NCSS
- MCT - meet at the registration desk under fan/light
- DINGO - inside the Auditorium
- Data Analysis - inside the Seminar Room
- Afternoon closing sessions will be held in the Auditorium
- Catering breaks will be held in the exhibition space