

PD Workshop 30 April – 2 May 2024 – PROGRAM

TUESDAY 30 APRIL 2024	
9.00 – 9.05 pm	Welcome and Acknowledgement of Country Yang Cao
9.05 – 10.00 pm	Introduction to powder diffraction Ian Madsen
10.00 – 10.45 pm	Symmetry and structure (Video) Josie Auckett
10.45 – 11.00 pm	Morning tea
11.00 – 12.00 pm	Indexing lecture Helen Maynard-Casely
12.00 – 1.00 pm	Search/Matching demonstration Anita D'Angelo
1.00 – 2.00 pm	Lunch
2.00 – 3.30 pm	TOPAS practical
	GSAS-II practical
3.30 – 3.45 pm	Afternoon tea
3.45 – 5.00 pm	TOPAS practical
	GSAS-II practical
6.30 pm	Bus leaves for dinner
7.00 – 9.00 pm	Dinner at China Bar Buffet and Grill

WEDNESDAY 1 MAY 2024	
9.00 – 10.00 pm	Data collection & analysis Ian Madsen
10.00 – 11.00 pm	Intro to Rietveld modelling and least squares fitting (I) James Hester
11.00 – 11.15 pm	Morning tea
11.15 – 12.00 pm	Intro to Rietveld modelling and least squares fitting (II) James Hester
12.00 – 12.30 pm	Corrections to powder diffraction data Matthew Rowles
12.30 – 1.30 pm	Lunch
1.30 – 3.30 pm	TOPAS practical
	GSAS-II practical
3.30 – 3.45 pm	Afternoon tea
3.45 – 5.00 pm	TOPAS practical
	GSAS-II practical
5.00 – 6.00 pm	Tour of the Australian Synchrotron Justin Kimpton Qinfen Gu
6.45 pm	Bus leaves for dinner
7.00 – 9.00 pm	Dinner at Notting Hill Hotel

THURSDAY 2 MAY 2024	
9.00 – 10.00 pm	Writing proposals for ACNS and AS Liam Tan & James Hester
10.00 – 11.00 pm	Introduction to structure solution Helen Maynard-Casely
11.00 – 11.15 pm	Morning tea
11.15 – 12.15 pm	Introduction to quantitative phase analysis Matthew Rowles
12.15 – 12.45 pm	Engineering materials Zhiyang Wang
12.45 – 1.45 pm	Lunch & closing remarks
1.45 – 2.15 pm	AINSE information session
2.15 – 3.30 pm	TOPAS practical
	GSAS-II practical
3.30 – 3.45 pm	Afternoon tea
3.45 – 5.00 pm	TOPAS practical
	GSAS-II practical