

ANSTO-HZB Neutron School Timetable - DRAFT

Start	Finish	Activity	Who	Where
Sunday 9th October 2022				
12:00	13:30	Registration	Kelly Cubbin / Anton Le Brun	Meet Lucas Heights Motel
13:30	14:00	Welcome and house keeping	Dr Jamie Schulz & Dr Anton Le Brun	B72 nandin - Hotcells
14:00	15:00	Theory lecture 1: Introduction to Neutron Scattering I	Prof. Bella Lake	B72 nandin - Hotcells
15:00	16:00	Theory lecture 2: Introduction to Neutron Scattering II	Prof. Bella Lake	B72 nandin - Hotcells
16:00	16:30	Afternoon tea		
16:30	17:30	Theory lecture 3: Neutron Sources, Optics, and Detectors	Dr Anton Le Brun	B72 nandin - Hotcells
18:00	20:00	Dinner		
Monday 10th October 2022				
8:30	9:30	Security badge collection		B38 Reception
9:30	12:00	NGH & RBH inductions / laboratory inductions / B83 exhibition space tour (includes time for morning tea)	User Office, Dr Deb Wakeham & Discovery Centre	B82 / B83
12:00	13:00	Theory lecture 4: Deuteration	Dr Anwen Krause-Heuer	B83 Lecture Theatre
13:00	14:00	Lunch		ANSTO Cafeteria
14:00	15:00	Theory lecture 5: Neutron reflectometry	Dr Sebastian Risse	B83 Lecture Theatre
15:00	16:00	Theory lecture 6: Small-angle neutron scattering	Dr Eneli Monerjan	B83 Lecture Theatre
16:00	16:30	Afternoon tea		B83 Meal Room
16:30	17:30	Applications lecture 1: Neutrons for Biology	Dr Anthony Duff	B83 Lecture Theatre
17:30	20:00	Poster session		B72 nandin

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Tuesday 11th October 2022				
9:00	10:00	Applications lecture 2: Neutrons for Battery Materials	Dr Eneli Monerjan & Dr Sebastian Risse	B83 Lecture Theatre
10:00	11:00	Theory lecture 7: Crystallography and Diffraction	Prof. Susan Schorr	B83 Lecture Theatre
11:00	11:30	Morning tea		B83 Meal Room
11:30	12:30	Theory lecture 8: Residual stress diffraction and strain scanning	Dr Mark Reid	B83 Lecture Theatre
12:30	13:30	Lunch		ANSTO Cafeteria
13:30	14:30	Applications lecture 3: Neutrons for Energy Materials	Prof. Susan Schorr	B83 Lecture Theatre
14:30	15:30	Theory lecture 9: Inelastic neutron scattering	Dr Guochu Deng	B83 Lecture Theatre
15:30	16:00	Afternoon tea		B83 Meal Room
16:00	17:00	Theory lecture 10: Quasi-elastic neutron scattering	Dr Richard Mole	B83 Lecture Theatre
17:00	18:00	Applications lecture 4: Neutrons for Soft Matter	Dr Livia Salvati Manni	B83 Lecture Theatre
18:00	20:00	Dinner		
Wednesday 12th October 2022				
9:00	10:00	Theory lecture 11: Polarised neutrons	Dr Andrew Manning	B83 Lecture Theatre
10:00	11:00	Applications lecture 5: Neutrons for Magnetism	Prof. Bella Lake	B83 Lecture Theatre
11:00	11:30	Morning tea		B83 Meal Room
11:30	12:30	Theory lecture 12: Neutron Imaging, Radiography, and Tomography	Dr Floriana Salvemini	B83 Lecture Theatre
12:30	13:30	Lunch		ANSTO Cafeteria
13:30	17:00	Practical 1 (includes 30 minutes for afternoon tea)	Practical tutors	B82 NGH & RBH
18:00	20:00	Dinner		

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Thursday 13th October 2022				
9:00	12:30	Practical 2 (includes 30 minutes for morning tea)	Practical tutors	B82 NGH & RBH
12:30	13:30	Lunch		ANSTO Cafeteria
13:30	17:00	Practical 3 (includes 30 minutes for afternoon tea)	Practical tutors	B82 NGH & RBH
17:30	18:30	Coach departs Discovery Centre for dinner cruise		
19:00	22:00	Sydney Harbour Dinner Cruise		
10:15	23:00	Coach departs Darling Harbour for return to Lucas Heights		
Friday 14th October 2022				
9:00	10:00	Applications lecture 6: Industrial applications of neutrons	Prof. Ania Paradowska	B83 Lecture Theatre
10:00	11:00	Sample environment tutorial	Dr Rachel White & SE team	B82 NGH
11:00	12:00	Presentation preparation (includes time for morning tea)	Students	B83
12:00	12:30	Theory lecture 13: Computation and analysis	Dr Pablo Galaviz	B83 Lecture Theatre
12:30	13:00	Proposal writing tutorial	Dr Therese Donlevy & Dr Karyn Wilde	B83 Lecture Theatre
13:00	14:00	Lunch		B83 Meal room
14:00	16:00	Student presentations		B83 Lecture Theatre
16:00		Depart		