Non-equilibrium molecular dynamics school: Tuesday, July, 12th	
Speaker setup: 9:00 - 9:25 AM	
09:30 - 11:00	Lecture 1
Morning Tea: 11:00 - 11:30 AM	
11:30 - 13:00	Lecture 2
Lunch: 13:00 - 14:00	
14:00 - 15:30	Software setup & Tutorial 1
Afternoon Tea: 15:30 - 16:00	
16:00 -17:00	Tutorial 2

Advanced scattering and microscopy school: Wednesday, July, 13th				
Speaker setup: 9:00 - 9:25 AM				
Session 1				
09:25 - 09:30				Welcome
09:30 - 10:15	David	Paganin	Monash University	Ghost-imaging using x rays and neutrons
10:15 - 11:00	Alison	Funston	Monash University	Scanning near-field optical microscopy (title TBC)
Morning Tea: 11:00 - 11:30 AM *Speaker setup*				
Session 2				
11:30 - 12:15	Susie	Seibt	Australian Synchrotron, ANSTO	Anything goes: SAXS/WAXS at the Australian Synchrotron
12:15 - 13:00	Andrew	Clulow	Australian Synchrotron, ANSTO	Small Angle Scattering from Solutions
Lunch: 13:00 - 14:00 *Speaker setup*				
Session 3				
14:00 - 14:45	Andrew	Martin	RMIT	Introduction to fluctuation scattering: a new way to probe disordered 3D structure at advanced x-ray light sources.
14:45 - 15:30	Rico/Leonie	Tabor/V'ant Hag	Monash University	SANS and USANS
Afternoon Tea: 15:30 - 16:00 *Speaker setup*				
Session 4				
16:00 -16:45	Timothy	Petersen	Monash University	Hybrid reverse Monte Carlo modelling
16:45 - 17:00				Wrap-up remarks/closing

Meeting Day 1: Thursday, July, 14th				
Speaker setup: 8:30 - 9:00 AM				
Session 1: Colloids				
09:00 - 09:10				Welcome
09:10 - 09:40	Gerd	Schroeder-Turk	Murdoch University	TBA
09:40 - 10:10	Asaph	Widmer-Cooper	University of Sydney	TBA
10:10 - 10:40	Amelia	Liu	Monash University	Local stability and local structure of colloidal glasses
Morning Tea: 10:40 - 11:10 AM *Speaker setup*				
Session 2: Scattering				
11:10 - 11:40	David	Paganin	Monash University	Fokker-Planck equation for optical beams
11:40 - 12:10	Jing	Fu	Monash University	Recent advances in nanoscale tomography of soft matters
12:10 - 12:40	Andrew	Martin	RMIT University	Introducing the Pair-Angle Distribution Function: measuring multi-atom statistics of disordered materials
Lunch: 12:40 - 14:00 *Speaker setup*				
Session 3 A: Simulations - Principles				
14:00 - 14:30	Ellie	Hajizadeh	University of Melbourne	ML-based optimisation for accelerated and targeted multiscale soft matter design
14:30 - 15:00	David	Huang	University of Adelaide	Systematic coarse-graining of molecular simulation models with anisotropic particles
15:00 - 15:30	Luca	Maffioli	Swinburne University of Technology	Measuring the response of highly confined fluids in a Couette flow: the TTCF formalism
Afternoon Tea: 15:30 - 16:00 *Speaker setup*				
Session 3 B: Simulations - Principles				
16:00 -16:30	Stephen	Sanderson	University of Queensland	Machine learning a Time-Local Fluctuation Theorem for non-equilibrium steady-states
16:30 - 17:00	Tim	Duignan	University of Queensland	Accurate first principles simulation of salt water using deep learning.
Informal Dinner				

Meeting Day 2: Friday, July, 15th				
Speaker setup: 8:30 - 9:00 AM				
Session 5: Active Matter				
09:00 - 09:30	Prabhakar	Ranganathan	Monash University	Cluster and conquer: invasion of asoft substrate by colonies of rod-shaped cells
09:30 - 10:00	Rahil	Valani	University of Adelaide	Generating active matter from strange attractors
10:00 - 10:30	Shibu	Saw	Roskilde University	Role of the configurational temperature in active-matter models
Morning Tea: 10:30 - 11:00 *Speaker setup*				
Session 6 A: Simulations - Applications				
11:00 - 11:30	Shern	Tee	University of Queensland	When Is A Supercapacitor Like A Protein?
11:30 - 12:00	Mikhail	Suyetin	Karlsruhe Institute of Technology	Proof of concept: Molecular Dynamics study of memory nanodevice based on Zn-MOF-74.
12:00 - 12:30	Dominic	Robe	Monash University	Linear viscoelasticity of sssociating star polymers
Lunch: 12:30 - 14:00 *Speaker setup*				
Session 6 B: Simulations - Applications				
14:00 - 14:20	Patrick	Adams	RMIT University	Using the pair-angle distribution function to analyse protein structure.
14:20 - 14:40	Isaac	Pincus	Monash University	Modelling dilute solutions of semiflexible polymers with excluded-volume and hydrodynamic interactions
14:40 - 15:00	Silpa	Mariya	Monash University	Are soft dendrimers dynamically equivalent to hard spheres?
15:00 - 15:20	Michael	Rinaudo	University of Sydney	Simulating nanoparticle superLattices with Molecular Dynamics
Afternoon Tea: 15:20 - 15:40 *Speaker setup*				
Session 6 C: Simulations - Applications				
15:40 -16:00	Sobin	Alosious	Swinburne University of Technology	The effect of electrostatic interactions on Kapitza resistance in nano-confined water.
16:00 - 16:20	Christian	Zuluaga-Bedoya	University of Queensland	Entry resistance in flexible zeolitic nanosheets
16:20 - 16:40	Kyle	Stevens	University of Newcastle	Lennard-Jones potential and continuum nodelling for heterogeneous molecules
16:40 - 17:00	Marltan	Wilson	University of Adelaide	General high-dimensional neural networks for anisotropic coarse-grained molecular simulation models
17:00 - 17:20	Sleeba	Varghese	Swinburne University of Technology	Improved methodology to compute the intrinsic friction coefficient at solid-liquid interfaces
17:20 - 17:30				Close