

# AMSI Winter School 2019 on Computational Modelling of Heterogeneous Media

## Timetable (12 April 2019)

	Monday	Tuesday	Wednesday	Thursday	Friday
	1-Jul	2-Jul	3-Jul	4-Jul	5-Jul
8.30am - 9.00am	REGISTRATION (Gardens Theatre Foyer X-Block)				
9.00am - 9.30am		Fractional Calculus (Fundamentals) Prof Fawang Liu (GP-Z304)	Numerical Methods for Stokes Flow Dr Jennifer Pestana (GP-Z304)	Participant Talks (Room TBC)	Participant Talks (Room TBC)
9.30am - 10.00am	Campus Tour				
10.00am - 10.30am	Official Opening (Gardens Theatre Foyer X-Block)				Cube Visit (P-Block)
10.30am - 11.00am		Morning Tea			
11.00am - 11.30am	Morning Tea	Computational Homogenisation of Complex Heterogeneous Media Dr Elliot Carr (GP-Z304)	Morning Tea	Morning Tea	Morning Tea
11.30am - 12.00pm	AMSI & APR Intern (Gardens Theatre Foyer X-Block)				
12.00pm - 12.30pm			Computational Homogenisation of Complex Heterogeneous Media Dr Elliot Carr (GP-Z304)	Fractional Calculus (Fundamentals) Prof Fawang Liu (GP-Z304)	Fractional Calculus (Fundamentals) Prof Fawang Liu (GP-Z304)
12.30pm - 1.00pm	Lunch	Lunch			
1.00pm - 1.30pm					
1.30pm - 2.00pm	Numerical Methods for Stokes Flow Dr Jennifer Pestana (GP-Z304)	Numerical Methods for Stokes Flow Dr Jennifer Pestana (GP-Z304)	Lunch	Lunch	Lunch
2.00pm - 2.30pm					
2.30pm - 3.00pm					
3.00pm - 3.30pm			Fractional Calculus (Fundamentals) Prof Fawang Liu (GP-Z304)	Computational Homogenisation of Complex Heterogeneous Media Dr Elliot Carr (Lab GP-D101)	Numerical Methods for Stokes Flow Dr Jennifer Pestana (GP-Z304)
3.30pm - 4.00pm	Computational Homogenisation of Complex Heterogeneous Media Dr Elliot Carr (GP-Z304)	Special Lecture (GP-Z304)			
4.00pm - 4.30pm					
4.30pm - 5.00pm					
Evening			Diversity in STEM Panel Session (Gardens Theatre Foyer X-Block)		Friday Night Social

	Monday	Tuesday	Wednesday	Thursday	Friday
	8-Jul	9-Jul	10-Jul	11-Jul	12-Jul
9.00am - 9.30am					
9.30am - 10.00am	Numerical methods for solving space-fractional reaction- diffusion equations Dr Qianqian Yang (GP-P512)	Numerical Methods for Stokes Flow Dr Jennifer Pestana (GP-P512)	Multiscale Modelling I Professor Daniel Peterseim (GP-P512)	Numerical Methods for Stokes Flow Dr Jennifer Pestana (GP-P512)	Multiscale Modelling II Professor Tony Roberts (GP-P512)
10.00am - 10.30am					
10.30am - 11.00am					
11.00am - 11.30am	Morning Tea	Morning Tea	Morning Tea	Morning Tea	Morning Tea
11.30am - 12.00pm	Multiscale Modelling II Professor Tony Roberts (GP-P512)	Multiscale Modelling I Professor Daniel Peterseim (GP-P512)	Numerical methods for solving space-fractional reaction-diffusion equations Dr Qianqian Yang (GP-P512)	Multiscale Modelling II Professor Tony Roberts (GP-P512)	Multiscale Modelling I Professor Daniel Peterseim (GP-P512)
12.00pm - 12.30pm					
12.30pm - 1.00pm					
1.00pm - 1.30pm	Lunch	Lunch	Lunch	Lunch	Lunch
1.30pm - 2.00pm					
2.00pm - 2.30pm		Participant Talks - FINALS (GP-P512)			
2.30pm - 3.00pm	Numerical methods for solving space-fractional reaction- diffusion equations Dr Qianqian Yang (GP-P512)				
3.00pm - 3.30pm					
3.30pm - 4.00pm					
4.00pm - 4.30pm	Tutorial / Lab Stokes Flow (GP-D101)		Tutorial / Lab Space-fractional reaction-diffusion equations (GP-D101)	Tutorial / Lab Multiscale Modelling II (GP-D101)	Lecture / Tutorial / Lab Multiscale Modelling I (GP-P506)
4.30pm - 5.00pm					Official Closing (GP-P512)
Evening	Public Lecture (GP-P421) TBC			End of School Dinner (OGH - QUT)	