			Salla Grollo in the Monash Prato Centre	
WEDNESDAY 18th JUNE			**DAY 1**	
	08:00-09:00		**Registration**	
	09:00-09:10		**Introductory remarks**	**Topic**
Keynote 1	09:10-09:40	**Matteo Pasquali**	**The nexus of materials, energy, and carbon dioxide—and how rheology is impacting it**	**General Rheology**
Keynote 2	09:40-10:10	**John Brady**	**Microrheology of Active Suspensions**	**Active Suspensions**
1	10:10-10:30	Ignacio Pagonabarraga	Hydrodynamic self-organization in chiral active suspensions	Active Suspensions
	10:30-11:00		**Coffee**	
Keynote 3	11:00-11:30	**Bavand Keshavarz**	**On gelation and form: linear & nonlinear rheology of gelling networks during fluid-mediated shape formation**	**Measurement methodology**
2	11:30-11:50	Laurel Kroo	A unifying perspective on measuring transient planar extensional viscosity from exponential shear	Measurement methodology
3	11:50-12:10	Richard Hodgkinson	The impasse of strain rate quantification in arbitrary and kinematically mixed flow fields	Measurement methodology
4	12:10-12:30	Viviane Lutz-Bueno	Flow-Induced Assembly: Structure, Function, and In Situ Characterization	Measurement methodology
	12:30-14:10		**Lunch**	
Keynote 4	14:10-14:40	**Randy Ewoldt**	**Nonlinear emergence: definition, dispersity, and Deborah dependence**	**Measurement methodology**
5	14:40-15:00	Rishabh More	Rotating Rod Rheometry and Elasto-Inertial Instabilities: Probing Normal Stresses and Flow Transitions in Complex Fluids	Measurement methodology
Keynote 5	15:00-15:30	**Charles Sing**	**Hydrodynamics in Flowing Semidilute Solutions**	**Polymer Solutions and Melts**
	15:30-16:00		**Coffee**	
6	16:00-16:20	Apratim Chatterji	Entropy induced organization and dynamics of Topologically Modified ring-polymers.	Polymer Solutions and Melts
Keynote 6	16:20-16:50	**Michelle Calabrese**	**Using cosolvent to control the extensibility and processability of high molecular weight polymer solutions**	**Extensional Flows - Polymer Solutions**
7	16:50-17:10	Yuichi Masubuchi	Phantom chain simulations for fracture of polymer networks under elongation	Extensional Flows - Polymer Solutions
8	17:10-17:30	Ignio Foglia	Computational study of extensional flow effects in EHD of non-newtonian sessile droplets	Extensional Flows - Polymer Solutions
	17:30 - 19:30		**Poster session + Welcome reception**	
P1		Apratim Chatterji	Dynamics of Topologically Modified (ToMo) ring-polymers.	
P2		Federico Federico Drudi	New opportunity of using Pulsed Electric Field (PEF) technology to produce texture-modified chickpea flour-based gels for people with dysphagia	
P3		Gebrebedhin Gebremariam Gebrmical	Effects of Incubation Time of Plasma Activated Water (PAW) Combined Annealing on Rheological and Functional Properties of Potato Starch	
P4		Aditya Ganesh	Comparison of linear and ring polymers in turbulent flows	
P5		Richard Hodgkinson	Unpicking the SECRETs of kinematically mixed rheology with Shear Extension Combined Rheology Experimental Techniques	
P6		Avishek Kumar	Linear viscoelasticity of dilute & semidilute solutions of wormlike micelles	
P7		Balint Magyari	Molecular dynamics simulation of vitrimer melts	
P8		Ami Varakhedkar	Linear viscoelasticity of dilute solutions of semiflexible polymers	
THURSDAY 19th JUNE			**DAY 2**	
Keynote 7	08:40-09:10	**Ronald Larson**	**Combining Polymer Physics and Fluid Mechanics to Understand Capillary Breakup Extensional Rheometry (CaBER)**	**Extensional Flows - Polymer Solutions**
9	09:10-09:30	Prabhakar Ranganathan	Geometry dependence of capiillary breakup of liquid bridges of unentangled polymer solutions	Extensional Flows - Polymer Solutions
10	09:30-09:50	Jason Picardo	How fluctuating and extreme strain-rates stretch polymers in turbulence	Extensional Flows - Polymer Solutions
11	09:50-10:10	Dario Vincenzi	Single-polymer dynamics in turbulent flows	Extensional Flows - Polymer Solutions
12	10:10-10:30	Partha Goswami	Collapse of fluid turbulence in particle-laden turbulent channel flows	Extensional Flows - Suspensions
	10:30-11:00		**Coffee**	

Keynote 8	11:00-11:30	**Peter Olmsted**	**Scission of polymer solutions in model complex porous media**	**Polymer Solutions and Melts**
Keynote 9	11:30-12:00	**Jay Schieber**	**Slip-link and tube models make different predictions about entangled, star-shaped polymer relaxation**	**Polymer Solutions and Melts**
Keynote 10	12:00-12:30	**Bamin Khomami**	**Elongational Flow Induced Phenomena in Entangled Polymer Melts: From Configurational Microphase Separation to Flow Induced Crystallization**	**Polymer Solutions and Melts**
	12:30-13:45		**Lunch**	
Keynote 11	13:45-14:15	**Charles Schroeder**	**Dynamics and stability of liquid-bound particle clusters in extensional flow**	**Suspensions & Granular Materials**
Keynote 12	14:15-14:45	**Prabhu Nott**	**Dense suspensions transform from viscous fluids to jammed granular materials with shear strain**	**Suspensions & Granular Materials**
13	14:45-15:05	Kiran Jumari	Chromatin Remodeling and Enhancer-Promoter Interactions in AR Gene Regulation in Prostate Cancer	Biophysics
14	15:05-15:25	P Sunthar	Sub-diffusive motion of bacterio-phages modelled as dendrimers in a polymer network	Biophysics
	15:25-16:10		**Group Photo+ Coffee**	
Keynote 13	16:10-16:40	**Eric Shaqfeh**	**Measuring the properties of a viscoelastic fluid using a tethered swimming rheometer**	**Polymer Solutions and Melts**
15	16:40-17:00	Gareth McKinley	Measuring Cyclic Tensile Properties of Fluids with Composite Harmonic Exponential Waveforms (CHEW)	Polymer Solutions and Melts
16	17:00-17:20	Ravi Prakash Jagadeeshan	A mesoscopic model for the rheology of dilute and semidilute unentangled wormlike micelle solutions	Polymer Solutions and Melts
17	17:20-17:40	Dominic Robe	Phase Separating Block Copolymers in Flow	Polymer Solutions and Melts
18	17:40-18:00	Isaac Pincus	Dilute polymer solutions under shear flow	Polymer Solutions and Melts
	18:30- 22:00		**Conference dinner**	
FRIDAY 20th JUNE			**DAY 3**	
Keynote 14	09:00-09:30	**Suzanne Fielding**	**Yielding and memory in soft materials**	**Soft Materials**
Keynote 15	09:30-10:00	**Simon Rogers**	**Linking structural and rheological memory in disordered soft materials**	**Soft Materials**
Keynote 16	10:00-10:30	**Michela Geri**	**Dynamic response during solidification of dense suspensions**	**Soft Materials**
	10:30-10:50		**Coffee (10 minutes shorter)**	
19	10:50-11:10	Shibo Kuang	Fully-Resolved Modelling of Yield-Pseudoplastic Flows in Mineral Slurries	Soft Materials
Keynote 17	11:10-11:40	**Michael Graham**	**Data-driven and physics-aware microstructural modeling of flowing complex fluids**	**Machine Learning**
Keynote 18	11:40-12:10	**Marco Ellero**	**Towards Multiscale Simulations of Polymeric Fluids under Complex Flow Using Micro-Macro and Data-Driven Machine Learning Approaches**	**Machine Learning**
20	12:10-12:30	Ellie Hajizadeh	Interpretable Active Learning-enabled Multiscale Simulations of Coating Fluids	Machine Learning
	12:30-14:00		**Lunch (15 minutes longer)**	
	14:00-14:20		**Discussion**	
	14:20-14:40		**Discussion**	
	14:40-15:00		**Discussion**	
	15:00-15:30		Final remarks	
	15:30-16:00		Coffee + Departure	