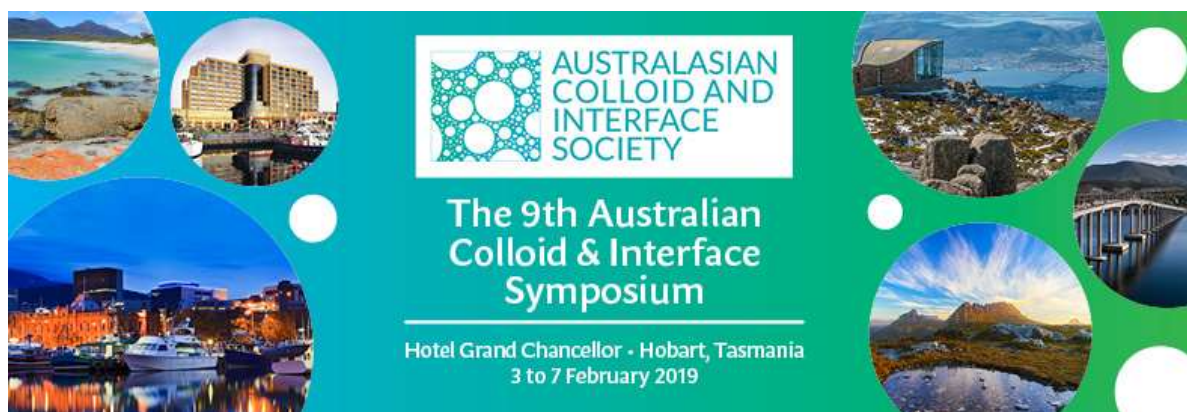


# Bayreuth-Melbourne Colloid-Polymer Network @ ACIS 2019



Sunday 3<sup>rd</sup> February 2019

14:30 – 17:30 Registration Open

17:30 -19:30 Welcome Reception

Monday 4<sup>th</sup> February 2019

08.30-08:40 am Ballroom	Prof. Ray Dagastine University of Melbourne	Welcome and opening remarks
12.50-13.30 pm Poster Session	Yannic Brasse (PhD) IPF Dresden (Andreas Fery)	PP01 Tuning of Surface Lattice Resonances via Mechanical Deformation
12.50-13.30 pm Poster Session	Kai Mayer (MSc) Universität Bayreuth (Thomas Scheibel)	PP05 Magnetic scaffolds for 3D cell culture from recombinant spider silk protein eADF(C16)
12.50-13.30 pm Poster Session	Andrea Pyttlik (PhD) INM Saarbrücken (Tobias Kraus)	PP07 Towards agglomeration studies on gold nanoparticles at microgravity
12.50-13.30 pm Poster Session	Ben Tadgell (PhD) University of Melbourne (Paul Mulvaney)	PP17 Temperature-Jump Spectroscopy: A new tool to monitor equilibria in a model colloid system
12.50-13.30 pm Poster Session	Avinash Ashok (PhD) University of Melbourne (Ray Dagastine)	PP25 Structuring of nonadsorbing polyelectrolyte between a Brownian nanoparticle and a flat plate
12.50-13.30 pm Poster Session	Arun Ashokan (PhD) University of Melbourne (Paul Mulvaney)	PP27 Spectroelectrochemical investigation of charge transfer in CdSe quantum dots
16.00-16.20 pm Ballroom2	Tanweepriya Das (PhD) University of Melbourne (Ray Dagastine)	OC022 Universal nano-lithographic technique for different shaped functional anisotropic nanoparticles
16.40-17.00 pm Ballroom2	Dr. Sahar Salehi Universität Bayreuth	OC024 Composite ink development from bioceramic nanoparticles for bone tissue regeneration

The official conference program for ACIS 2019 is available here: [Link](#)

# Bayreuth-Melbourne Colloid-Polymer Network @ ACIS 2019

Tuesday 5<sup>th</sup> February 2019

9.00-9.40 am Ballroom1	Prof. Dr. Tobias Kraus INM Saarbrücken	KN05 Dynamic hybrid particles and materials
9.00-9.20 am Ballroom3	Prof. Dr. Erica Wanless Newcastle University	OC033 Specific ion modulated thermoresponse of PNIPAM brushes
9.40-10.00 am Ballroom2	Dr. Rico Tabor Monash University	IN13 Colloidal capsules from graphene oxide Pickering emulsions
10.20-10.40 am Ballroom1	Dr. Asaph Widmer-Cooper University of Sydney	OC032 Colloidal stability of apolar nanoparticles: effect of ligand and solvent structure
11.20-11.40 am Ballroom3	Prof. Dr. Matthias Karg HHU Düsseldorf	OC045 Stability of hard-core/soft-shell colloids at different packing fractions probed by light, X-ray and neutron scattering
12:40 -13:20 pm Harbour Room 1	All Network Members & Associated Members	NETWORK LUNCH @ ACIS 2019 Tables are reserved for BMCP-Network
13.20-14.00 pm Poster Session	Dinesh Srikar Karra (PhD) University of Melbourne (Ray Dagastine)	PP30 The influence of surface-active species on small diameter bubble rise velocities
14.00-14.20 pm Ballroom1	Prof. Dr. Wenlong Cheng Monash University	IN17 Soft plasmene nanosheets: from design to applications
16.00-16.20 pm Ballroom1	Prof. Dr. Mukundan Thelakkat Universität Bayreuth	OC058 Interface modification using self-assembly of polymer brushes and colloids in solar cells
16.20-16.40 pm Ballroom2	Emily Jamieson (PhD) University of Melbourne (Ray Dagastine)	OC062 Drop chains: a microfluidic approach to understanding attraction between drops in polymer surfactant systems
17:15 -18:45 pm Secretariat Room	Project Board Members	1 <sup>st</sup> BOARD MEETING 2019
~ 19:30 pm	Network Members, Fellows and Associated Members	CASUAL DINNER (Restaurant Hobart Harbour). Please register via <a href="https://doodle.com/poll/v5zuz7s5xvugmpkr">https://doodle.com/poll/v5zuz7s5xvugmpkr</a>

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# Bayreuth-Melbourne Colloid-Polymer Network @ ACIS 2019

Wednesday 6<sup>th</sup> February 2019

9.00-9.20 am Ballroom2	Prof. Dr. Paul Mulvaney University of Melbourne	OC073 The effects of hydrostatic pressure on the spectra of nanocrystals
9.20-9.40 am Ballroom1	Prof. Dr. Gregor Lang Universität Bayreuth	OC069 Bio-selective bacteriostatic and fungistatic surfaces made of recombinant spider silk proteins
10.20-10.40 am Ballroom2	Ekaterina Ponomareva (PhD) HHU Düsseldorf (Matthias Karg)	OC077 Distance-dependent plasmon resonance coupling in nanoparticle superstructures
10.20-10.40 am Ballroom3	Prof. Dr. Thomas Scheibel Universität Bayreuth	OC080 Drug delivery vehicles based on engineered spider silk proteins
12.10-12.30 pm Ballroom3	Dr. Boon Teo Monash University	OC089 Acoustically active colloids for use in ultrasound drug delivery systems
15.10-15.30 pm Ballroom2	Dr. Maria Alba Martin Monash University	OC095 Sintering-free conductive inks for inkjet-printed electrochemical biosensors

Thursday 7<sup>th</sup> February 2019

9.40-10.00 am Ballroom1	Vanessa Trossmann (PhD) Universität Bayreuth	OC102 Recombinant spider silk proteins for cardiac tissue engineering
11.30-11.50 am Ballroom2	Prof. Dr. Georg Papastavrou Universität Bayreuth	OC115 New colloidal probes for direct force measurements by combining AFM and nanofluidics
11.50-12.10 am Ballroom1	David Sonnleitner (PhD) Universität Bayreuth	OC112 Poly- $\epsilon$ -caprolactone (PCL) particle - hydrogel colloid system for enhanced cell interaction
12.10-12.30 pm Ballroom 2	Tianyi Bai (PhD) University of Melbourne (Ray Dagastine)	OC117 The structure of polymer-surfactant adsorbed on neutral and charged surfaces studied by AFM and QCM-D relevant to product formulation
12.10-12.30 pm Ballroom3	Prof. Dr. Anna Schenk Universität Bayreuth	OC121 In the curl: Interface-mediated formation of polymer/mineral composite micro scrolls
13.50-14.10 pm Ballroom1	Matthew Biviano University of Melbourne (Ray Dagastine)	O123 Direct force determination of interfacial rheology via AFM

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# Bayreuth-Melbourne Colloid-Polymer Network @ ACIS 2019

Thursday 7<sup>th</sup> February 2019

14.10-14.30pm Ballroom3	Sarah Lentz (PhD) Universität Bayreuth (Thomas Scheibel)	OC128 Ultra-thin spider silk films: insights into silk assembly on surfaces
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3<sup>rd</sup>- 6<sup>th</sup> February 2019

Exhibition Table Bayreuth-Melbourne Colloid-Polymer Network | UBT's International Office

Dr. Melanie Pöhlmann 3<sup>rd</sup>-6<sup>th</sup> February 2019 @ ACIS 2019; Dr. Susanne Seibt (Gateway Office Melbourne) and Dr. **Arnim Heinemann (Head of UBT's International Office)** 5<sup>th</sup> February 2019

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