

International Polymer Colloids Group Conference 2019

June 23– June 28, 2019

Chair: Pauline Pei Li
Vice Chair: Bernd Reck
Local organization: Alex van Herk

Location Sentosa Siloso Beach Resort, Sentosa Island, Singapore

[Address](#): 51 Imbiah Walk, Sentosa, 099538

[Phone](#): +65 6722 3333

Sunday 23rd of June

Check-in after 3:00pm

6.00pm -7.30pm [Dinner in Siloso Resort](#)

7:30pm - 9:40pm **Session Title: Polymer Colloids for Coatings**

Discussion Leader: Pauline Pei Li

7.30pm - 7.40pm Opening speech Chair Pauline Pei Li

7:40pm - 8:40pm **Prof. Jose R. Leiza**
University of the Basque Country UPV/EHU Spain
Functional waterborne polymer dispersions for advanced coating applications

8:40pm - 9:40pm **Prof. Walter Richtering**
RWTH Aachen University, Germany
Adaptive Microgels as versatile soft materials: from bulk to coatings

Monday 24th of June

- 7.00am [Breakfast](#)
- 9:00am - 12:30pm **Session Title: Synthesis of Polymer Colloids I**
Discussion Leader: Alex van Herk
- 9:00am - 10:00am **Prof. Henmei Ni**
Department of Polymer Science, School of Chemistry and Chemical Engineering,
Southeast University Nanjing, P.R. China
Hydrophobic interaction and mechanism of particle formation in the heterophase polymerization
- 10:00am - 10:30am [Break](#)
- 10:30am - 11:30am **Prof. Atsushi Goto**
Division of Chemistry & Biological Chemistry, Nanyang University of Singapore,
Singapore
Synthesis of Nano-Particles and Nano-Capsules via Organocatalyzed Living Radical Polymerization
- 11:30am - 12:30pm **Dr. Brian Hawke**
Key Centre for Polymer Colloids, The University of Sydney, Australia
Update on Disperse Phase RAFTing at KCPC
- 12.30pm - 1.30pm [Lunch](#)
- 6.00pm - 7.30 pm [Dinner in Siloso Resort](#)
- 7:30pm - 9:30pm **Session Title: Synthesis of Polymer Colloids II**
Discussion Leader: Per Zetterlund
- 7:30pm - 8:30pm **Prof. Michael Monteiro**
Australian Institute for Bioengineering and Nanotechnology (Australia), The
University of Queensland, Australia
Building complex polymer nanostructures via the TDMT method
- 8:30pm - 9:30pm **Dr. Francois Ganachaud**
Institut National des Sciences Appliquées de Lyon, France
An Universal Process to Trigger Complex Encapsulation

Tuesday 25th of June

7.00am

Breakfast

9:00am - 12:30pm

Session Title: Polymer and Particle Assembly

Discussion Leader: Matthias Ballauf

9:00am - 10:00am

Dr. Andrew David Hollingsworth

Department of Physics, New York University, USA

Organofunctional-alkoxysilanes as a versatile monomer for colloid synthesis and assembly

10:00am - 10:30am

Break

10:30am - 11:30am

Dr. Bridgette Budhlall

Department of Plastic Engineering, University of Massachusetts Lowell (UMASS-Lowell) USA

Directed Assembly of Colloidal Particles of Poly(3-hexylthiophene) in AC Electric Fields

11:30am - 12:30pm

Dr. Praveen Thoniyot

Institute of Chemical and Engineering Sciences, A*Star, Singapore

Active driven spontaneous assembly of block co-polymers into polymer colloids: A versatile and environmentally friendly approach for encapsulation

12.30pm - 1.30pm

Lunch

4.30pm - 6.00 pm

Wine tasting

6.00pm - 7.30 pm

Dinner in Siloso Resort

7:30pm - 9:30pm

Session Title: Complex Nanostructures

Discussion Leader: Mohamed El-Aasser

7:30pm - 8:30pm

Dr. Chee Cheong Ho

Faculty of Engineering & Science, Universiti Tunku Abdul Rahman, Malaysia

Unravelling the Nanostructure of the Hevea Rubber Latex Particles

8:30 pm - 9:30pm

Prof. Guanghui Ma

Chinese Academy of Science, Institute of Process Engineering Beijing, China

Uniform biocompatible polymer microsphere and microcapsule: preparation, bio-application and industrialization

Wednesday 26th of June

- 7.00am [Breakfast](#)
- 9:00am - 12:30pm **Session Title: Industrial Applications of Polymer Colloids**
Discussion Leader: Bernd Reck
- 9:00am - 10:00am **Dr. Zhenli Wei**
Synthomer, Head of Research & Development, Asia | R&D, MANAGEMENT,
Malaysia
**Alternative “Green” crosslinking systems (S, accelerator and metal free)
for XNBR latex**
- 10:00am - 10:30am [Break](#)
- 10:30am - 11:30am **Dr. Pierre Emmanuel Dufils**
Solvay, Senior Scientist, Novecare - Technology Center Europe
Polymer synthesis in dispersed media at Solvay using RAFT/MADIX
- 11:30am - 12:30pm **Mr. Frederic Bossan**
Managing director & Co-founder of Xenocs
**Applications of SAXS/WAXS in Polymer Colloids using latest equipment
developments**
- 12.30pm - 1.30pm [Lunch](#)
- 5.30pm - 7.00pm [Hawker center dinner](#)
- 7:30pm - 10:30pm **Evening Presentations**
Discussion Leader: Stefan Bon
- 7:30pm - 8:00pm Winning Student Presentation
- 8:00pm - 8:30pm “EASE Presentation”
- 8:30pm – 10.30pm **Poster Session**

Thursday 27th of June

- 7.00am **Breakfast**
- 9:00am - 9:20am Election of Vice-chair for 2021
- 9:20am - 12:40pm **Session Title: Advanced Applications of Polymer Colloids I**
Discussion Leader: Michael Cunningham
- 9:20am - 10:20 am **Dr Guojun Liu**
Queens University, Department of Chemistry, Canada
NP-GLIDE Coatings from Graft Copolymer Micellar Precursors for Practical Applications
- 10:20am - 10:40am **Break**
- 10:40am - 11:40am **Prof. Rob Pelton**
Department of Chemical Engineering McMaster University, Canada
Polymer colloids as flotation collectors
- 11:40am - 12:40pm **Prof. Pramuan TANGBORIBOONRAT**
Department of Chemistry, Faculty of Science, Mahidol University, Bangkok, Thailand
Hybrid Bio-based Nanoparticles for Ameliorated Health
- 12.40pm - 1.40pm **Lunch**
- 5.00pm - 7:00 pm **Session Title: Advanced Applications of Polymer Colloids II**
Discussion Leader: Masayoshi Okubo
- 5:00pm - 6:00pm **Prof. Jay H. Kim**
Department of Chemical Engineering, Yonsei University, Korea
The Generation of Conducting Polymers and Its Applications
- 6:00pm - 7:00pm **Dr. Prof. Matthias Ballauff**
Soft Matter and Functional Materials, Helmholtz-Zentrum Berlin and Institute of Physics, Humboldt-Universität zu Berlin, Germany
Catalysis by Metallic Nanoparticles Embedded in Polymer Nanoreactors: Comparison of Theory and Experiment
- 7.20pm - **Conference dinner Shangri-La Rasa Sentosa Island**
Best poster award and morals officer presentation

Friday 28th of June *Check out by 12:00pm noon*