

2nd Notre Dame–Purdue Symposium on Soft Matter & Polymers and Poster Session

Saturday, September 16th, 2017 • Wilmeth Active Learning Center • Purdue University

Organizers: Jianguo Mei (jgmei@purdue.edu), Haifeng Gao (hgao@nd.edu), and Bryan Boudouris (boudouris@purdue.edu)

Registration link: <http://www.jianguomei.com/nd-2017.html>

Agenda

9:00am	Check-in (Wilmeth Active Learning Center) Outside ROOM 3087	
	Technical Session 1 • Jianguo Mei (jgmei@purdue.edu)	
	<i>Presenter</i>	<i>Title of talk</i>
9:20am	Jean Chmielewski, Purdue University <i>Chemistry</i>	Hierarchical Assembly of Peptide-Based Materials for Regenerative Medicine
9:40am	William A. Phillip, Notre Dame <i>Chemical & Biomolecular Engineering</i>	Manufacturing Functional Membranes from Nanostructured Polymers
10:00am	Tengfei Luo, Notre Dame <i>Aerospace and Mechanical Engineering</i>	Chain Confirmation and Thermal Conductivity in Bulk Amorphous Polymers
10:20am	Coffee Break, • Wilmeth Active Learning Center	
10:40am	Brett Savoie, Purdue University <i>Chemical Engineering</i>	High-throughput Design of Polymer Electrolytes for Battery Applications
11:00am	Matthew J. Webber, Notre Dame <i>Chemical & Biomolecular Engineering</i>	Supramolecular Design of Soft Materials and Assemblies
11:20am	Shelley Claridge, Purdue University <i>Chemistry</i>	Sub-nm-Thick Functional Polymer Skins for 2D Materials
11:40pm	Lunch Break, WALC	
	Technical Session 2 • Haifeng Gao (hgao@nd.edu)	
	<i>Presenter</i>	<i>Title of talk</i>
1:30pm	Jianjun Cheng, UIUC <i>Materials Science and Engineering</i>	Cooperative Polymerization of N-Carboxyanhydride
2:00pm	Jonathan K. Whitmer, Notre Dame <i>Chemical & Biomolecular Engineering</i>	Thermodynamics of Charging in Weak Polyelectrolytes
2:20pm	You-Yeon Won, Purdue University <i>Chemical Engineering</i>	Polymer Lung Surfactants
2:40pm	Break, Photo time, WALC, Poster Setup (can continue after the last talk)	
3:00pm	Ruilan Guo, Notre Dame <i>Chemical & Biomolecular Engineering</i>	Hierarchically Functional Polymers for Advanced Membrane Applications
3:20pm	Amar H. Flood, Indiana University <i>Chemistry</i>	Towards anion-templated supramolecular polymers
4:00–6:00pm	Graduate Student and Postdoc Poster Session & Science Forum • RM3087	

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