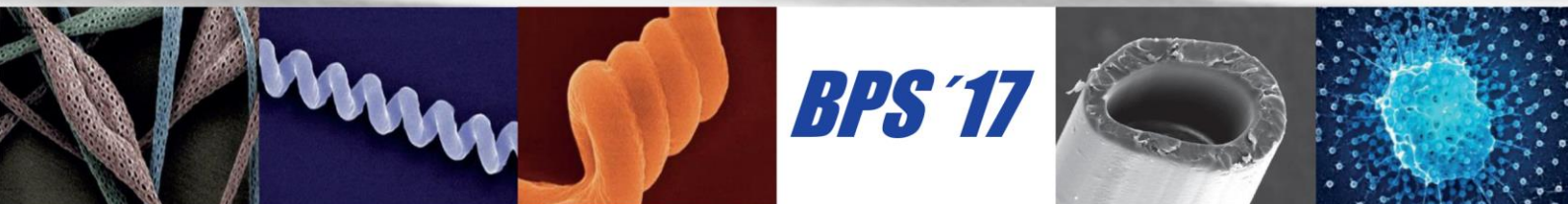


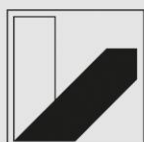
# 15<sup>th</sup> Biennial Bayreuth Polymer Symposium



September 17 – 19, 2017  
Bayreuth, Germany

## Conference Program

For your registration visit [www.bps-bayreuth.de](http://www.bps-bayreuth.de)



UNIVERSITÄT  
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## Sunday, September 17, 2017

16:00 – 19:30	<b>Registration</b> (Building NWII)
	<b>General Session</b> (Lecture Hall H 18)
17:45 – 18:00	<b>Opening Remarks</b> – Hans-Werner Schmidt, University of Bayreuth
18:00 – 18:45	<b>Joachim Spatz</b> , MPI for Medical Research, Heidelberg <i>“Sequential Bottom-up Assembly of Synthetic Cells”</i>
18:45 – 19:30	<b>Jian Ji</b> , Zhejiang University <i>“Polyelectrolyte Complex Coatings: From Biomimetic Methods to Real Coating Technology”</i>
19:30	<b>“BPS”: Beer, Pretzels, Sausages</b> (Foyer, Building NW II)

## Monday, September 18, 2017

	<b>General Session</b> (Lecture Hall H 18)	
08:30 – 09:00	<b>JianYong Yu</b> , Donghua University <i>“Progress and Perspectives of Electrospun Nanofibrous Materials”</i>	
09:00 – 09:30	<b>Eyal Zussmann</b> , Technion-Israel Institute of Technology, Haifa <i>“Stimuli responsive polyelectrolyte complex fibers”</i>	
09:30 – 10:00	<b>Prasad Shastri</b> , University of Freiburg <i>“Conformational Attributes of Non-Collagenous Proteins in Biomineralization”</i>	
10:00 – 11:00	<b>Introduction to Posters - Session I</b>	
11:00 – 11:45	<b>Poster Discussion, Coffee Break</b>	
	<b>General Session</b> (Lecture Hall H 18)	
11:45 – 12:15	<b>James Watkins</b> , University of Massachusetts, Amherst <i>“Large Area Fabrication of Functional Hybrid Materials for Optical, Electronic and Energy Applications using Brush Block Copolymers as Templates”</i>	
12:15 – 12:45	<b>Georg Papastavrou</b> , University of Bayreuth <i>“Probing and Manipulating Soft Matter Interfaces by AFM”</i>	
12:45 – 14:00	<b>Lunch Break</b> (Mensa)	
	<b>General Session I</b> (Lecture Hall H 18)	<b>General Session II</b> (Lecture Hall H 19)
14:00 – 14:30	<b>Philipp Vana</b> , Georg-August-University, Göttingen <i>“Precise nanostructures made of nanoparticles and RAFT polymers”</i>	<b>Zi Liang Wu</b> , Zhejiang University <i>“Processing of Tough Physical Hydrogels and Programmed Deformations of Patterned Hydrogels”</i>
14:30 – 15:00	<b>Johannes Brendel</b> , Friedrich Schiller University, Jena <i>“RAFT and click chemistry: A versatile toolbox for complex polymer architectures”</i>	<b>Thomas Hellweg</b> , University of Bielefeld <i>“Smart microgel based smart surface coatings and free-standing nano-membranes”</i>
15:00 – 15:30	<b>Stefan Spange</b> , TU Chemnitz <i>“Polymeric Inorganic-Organic Nanostructured Hybrid Materials”</i>	<b>Karen Lienkamp</b> , IMTEK Freiburg <i>“Polymer-based Strategies to Fight Bacterial Biofilm Formation: From Basic Concepts to Applications”</i>
15:30 – 16:30	<b>Poster Discussion, Coffee Break</b>	
	<b>General Session</b> (Lecture Hall H 18)	
16:30 – 17:00	<b>Frank Würthner</b> , University of Würzburg <i>“Living Supramolecular Polymerization of Organogelators”</i>	
17:00 – 17:30	<b>Ian Manners</b> , University of Bristol <i>“Living” Crystallization-Driven, Seeded Growth Approaches to Functional Supramolecular Materials”</i>	
17:30 – 18:00	<b>Stefan Hecht</b> , Humboldt-University Berlin <i>“Photoswitchable Polymer Systems”</i>	
19:00 – 20:30	<b>Reception and Concert at Villa Wahnfried, Richard-Wagner-Str. 48, 95444 Bayreuth</b> <i>Bus transfer to Villa Wahnfried at 18:30, Infopoint 6</i>	

## Tuesday, September 19, 2017

	<b>General Session</b> (Lecture Hall H 18)	
08:30 – 09:00	<b>Martin Möller</b> , DWI Aachen <i>“Light driven microgel objects – motion out of equilibrium enables work”</i>	
09:00 – 09:30	<b>Theo Dingemans</b> , University of North Carolina at Chapel Hill <i>“High Performance Polymers: Function Follows Form”</i>	
09:30 – 10:30	<b>Introduction to Posters - Session II</b>	
10:30 – 11:15	<b>Poster Discussion, Coffee Break</b>	
	<b>Special Session</b> (Lecture Hall H 18) <b>Energy Conversion and Energy Storage</b>	<b>General Session III</b> (Lecture Hall H 19)
11:15 – 11:45	<b>Rudolf Zentel</b> , University of Mainz <i>“Preparation of Graphitic Coated Inorganic Nanoparticles as Electrode Materials for Ion Batteries”</i>	<b>Ralf Schweins</b> , Institut Laue-Langevin, Grenoble <i>“Elucidating the Self-Assembly Process of Dendrimers and Dyes Using Small-Angle Neutron Scattering”</i>
11:45 – 12:15	<b>David Mecerreyes</b> , University of the Basque Country, Donostia-San Sebastian <i>“Innovative Polymers for Energy Storage”</i>	<b>Jerome Duval</b> , CNRS-University Lorraine, Vandoeuvre-Lex-Nancy <i>“Reversal of interfacial electrostatic potential of chemically-stratified interfaces in monovalent aqueous electrolyte: insights from electrokinetics and AFM”</i>
12:15 – 12:45	<b>Gao Chao</b> , Zhejiang University <i>“Graphene-based macro-structures for flexible supercapacitors and Al-ion battery”</i>	<b>Ebrahim Abouzari-Iotf</b> , Universiti Teknologi, Malaysia <i>“Nanofibrous Anion Exchange Membranes with Polycationic Side Chains”</i>
12:45 – 13:45	<b>Lunch Break</b> (Mensa)	
	<b>Special Session</b> (Lecture Hall H 18) <b>Energy Conversion and Energy Storage</b>	<b>General Session IV</b> (Lecture Hall H 19)
13:45 – 14:15	<b>Uwe Schröder</b> , TU Braunschweig <i>“Electrified Microbiology – Concepts and Materials for Bio-electrochemical Energy Conversion”</i>	<b>Annette Andrieu-Brunsen</b> , TU Darmstadt <i>“Insights into Polymer-Functionalization of Mesopores to Design Transport”</i>
14:15 – 14:45	<b>Clemens Liedel</b> , MPI of Colloids and Interfaces, Potsdam <i>“Energy Storage in Biopolymers and Biobased Polymers”</i>	<b>Guillaume Delaitte</b> , Karlsruhe Institute of Technology <i>“Stabilizing Enzymes with Polymers”</i>
14:45 – 15:15	<b>Yiwang Chen</b> , Nanchang University <i>“Interfacial Engineering of Nano Devices for Energy Conversion”</i>	<b>Werner Goedel</b> , TU-Chemnitz <i>“Ink-Jet Printing onto a Water Surface”</i>
15:15 – 15:45	<b>Baratunde A. Cola</b> , Georgia Institute of Technology <i>“Nanoengineering Soft, Dielectric Materials with High Thermal Conductivity”</i>	<b>Muchao Qu</b> , Friedrich-Alexander University-Erlangen-Nürnberg <i>“Conductivity of Melt Spun PMMA Composites with Aligned Carbon Fibers – revealing a master curve”</i>
15:45 – 16:15	<b>Mukundan Thelakkat</b> , University of Bayreuth <i>“Energy Research in Bayreuth and Bavaria”</i>	<b>Peter Wich</b> , Johannes Gutenberg-University, Mainz <i>“Protein-based Nanoparticles: A New Class of Multifunctional Biomaterials”</i>
16:15 – 16:45	<b>Poster Discussion, Coffee Break</b>	
	<b>Special Session on the occasion of the 60<sup>th</sup> birthdays of Hans-Werner Schmidt, Peter Strohriegel and Mukundan Thelakkat</b> (Lecture Hall H 18)	
16:45 – 17:15	<b>Christopher K. Ober</b> , Cornell University, Ithaca <i>“Charged polymer brush surfaces: The effect of nanoconfinement and charge on brush behavior”</i>	
17:15 – 17:45	<b>Juozas Grazulevicius</b> , Kaunas University of Technology <i>“Bipolar Molecular Materials for Organic Light-Emitting Diodes”</i>	
17:45 – 18:15	<b>Ruth Lohwasser</b> , BASF SE, Ludwigshafen <i>“Conjugated Polymers and Block Copolymers - Synthetic Concepts for Control of Structure and Performance”</i>	
18:15 – 18:45	<b>Poster Awards, Concluding Remarks</b>	
19:30	<b>Conference Dinner at Restaurant “Zur Sudpfanne”, Oberkonnersreuther Str. 6, 95448 Bayreuth</b> <i>Bus transfer to Restaurant “Zur Sudpfanne” at 19:00, Infopoint 6</i>	