**ISMR 2019- Tentative Program**

Day 01: 9th October

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| **8:00**  | **Registration** |  |
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| **8:15-8:30** | **Welcome-introduction**Vice President of Research David LeeDean Linda Kirk FoxDean Alan Dorsey |
|  **Plenary Lecture and Morning Session 1** |
| 8:30-9:10 | Kelly Willams, Futamura, Inc.“A Confluence of Mega Trends in Packaged Consumer Goods Equals a Bright Future for Biomass-Derived Materials” |
| 9:10-9:30 | Natalie Stingelin, Georgia Institute of Technology “Cool photonic and electronic plastics for a greener world” |
| 9:30-9:50 | Stephen A. Miller, University of Florida “Programming the Properties and Degradation of Biopolymers for Packaging Applications” |
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| 9:50-10:20 | **Poster Session and Coffee Break** |
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|  **Morning Session 2** |
| 10:20-10:40 | Jason Locklin, University of Georgia“The Future of Plastics and the New Materials Institute at the University of Georgia” |
| 10:40-11:00 | Mark D. Losego, Georgia Institute of Technology “Atomic Layer Deposition (ALD) on Renewable Cellulosic Products for New Functional Materials” |
| 11:00-11:20 | Mohan Srinivasarao, Georgia Institute of Technology “Colloidal Microgel Particles: Confinement of Liquid Crystals and Characterization” |
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| 11:20-13:00  | **Poster Session and Lunch** |
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|  **Plenary Lecture and Afternoon Session 1** |
| 13:00-13:40 | Gregg Beckhamm, National Renewable Energy Laboratory“Challenges and opportunities in upcycling and redesigning plastics” |
| 13:40-14:00 | Mukund P. Sibi, North Dakota State University“Novel Monomers from Biomass” |
| 14:00-14:20 | Carsten Sievers, Georgia Institute of Technology “Catalytic Processes for the Production of Monomeric Building Blocks for Materials from Biomass” |
| 14:20-14:40 | Andriy Voronov, North Dakota State University“Copolymer Latexes from Fully Renewable Monomer Mixtures” |
| 14:40-15:00 | Justin Kennemur, Florida State University “Value Added Poly(vinyl ethers) through Cationic Copolymerization of Glycal-Derivatized Isosorbide” |
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| 15:00-15:20 | **Poster Session and Coffee Break** |
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|  **Afternoon Session 2** |
| 15:20-15:40 | You-Lo Hsieh, University of California Davis“Nanocellulose Innovations from Under-utilized Agricultural Biomass” |
| 15:40-16:00 | Carson Meredith, Georgia Institute of Technology“Cellulose and Chitin Nanomaterials: Synergistic Components of Renewable Packaging” |
| 16:00-16:20 | Paul Russo, Georgia Institute of Technology“Novel Structures and Materials based on Hydrophobin Protein” |
| 16:20-16:40 | Valentina Sessini, University of Alcalá- Spain“Potential large-scale production of green bioplastics with piezoelectric properties” |
| 16:40-17:00 | Suraj Sharma, University Georgia“Microencapsulation of Retinyl Palmitate Antioxidant by Melt Dispersion for Cosmetotextile Application” |
| 17:00-17:20 | Sylvain Caillol, Institute Charles Gerhardt Montpellier-France“Plant oil-based Poly(alkyl methacrylate)s as Viscosity Control additives for Mineral and Vegetable Oils” |
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| 18:00-19:00 | **Poster Session and Reception** |
| 19:00-20:30 | **Banquet** |
|  | ***Day 2 continue to next page***  |
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| Day 02: 10th October |
| **8.00-8.30 Registration**  **Plenary Lecture and Morning Session 1**  |
| 8:30-9:10 | Ramani Narayan, Michigan State University“Understanding Biodegradability for Plastics Waste Management – Important Learnings” |
| 9:10-9:30 | Smirti Rai, University of Georgia“Sustainable Textile Dyeing” |
| 9:30-9:50 | Blair K Brettmann, Georgia Institute of Technology“Molecular Interactions with Cellulose: Polyelectrolyte Complexes to CNC Surface Modification” |
| 9:50-10:10 | Breeanna RAE Urbanowicz, CCRC- University of Georgia“Unlocking the potential of hemicellulose-derived biomaterial” |
| 10:10-10:30 | Frédéric PERUCH, Laboratoire de Chimie des Polymères Organiques- France“Saccharide-based Materials: Synthesis and Self-Assembling” |
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| 10:30-10:50 | **Coffee Break and Poster Session** |
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|  **Plenary Lecture and Morning Session 2** |
| 10:50-11:30 | Anil Netravali, Cornell University“Advanced Green Composites: The Current State” |
| 11:30-11:50 | David R Salem, South Dakota School of Mines and Technology “Thermophilic Geobacillus: a potential platform for efficient PHA production from corn stove” |
| 11:50-12:10 | Yiqi Yang, University of Nebrasca-Lincoln“Continuous Wet Spun Keratin Fibers from Chicken Feathers” |
| 12:10-12:30 | Gajanan S. Bhat, University of Georgia“Microstructure and Performance Properties of melt-blown Nanofiber Nonwovens from a Biodegradable Polymer” |
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| 12:30-13:30  | **Lunch and Poster Session, Best Student Poster Awards** |
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|  **Afternoon Session 1** |
| 13:30-13:50 | Rallming Yang, Georgia Institute of Technology “Research on Regenerated Cellulose in RBI at Georgia Tec” |
| 13:50-14:10 | Peter Ciesielski, National Renewable Energy Lab “Nanocellulose Co-Products from the Second Generation Biorefinery: Enzymatic Production Strategies and End Use Applications” |
| 14:10-14:30 | Meisha L. Shofner, Georgia Institute of Technology “Processing of Cellulose Nanocrystal/Polymer Composites: Strategies for Improving Mechanical and Viscoelastic Properties” |
| 14:30-14:50 | Ar Ragauskas, University of Tennessee-Knoxville “Nanocellulosics from Packing Barriers to Bone Templates” |
| 14:50-15:10 | Alex Sidorenko, University of the Sciences in Philadelphia “Hybrid Molecular Brushes with Chitosan Backbone: Synthetic Approaches and Characterization” |
| 15:10-15:30 | Zhiqun Lin, Georgia Institute of Technology “Cellulose-Derived Bottlebrush-like Block Copolymers for Functional Nanocomposites” |
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| 15:30-15:50 | **Coffee break** |
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|  **Afternoon Session 2** |
| 15:50-16:10 | Srikanth Pilla, Clemson University“Interfacial Engineering of Cellulose Nanocrystals via Bioinspired Catechol Chemistry” |
| 16:10-16:30 | Yunsang Kim, Mississippi State University “Cellulose and Lignin Based Biocomposites for Thermal Energy Management in Buildings” |
| 16:30-16:50 | Zoriana Demchuk, North Dakota State University“The Life Cycle Assessment of Soybean Oil-Based Acrylic Monomer Production” |
| 16:50-17:10 | TBD -TBD |
| 17:10-17:30 | TBD- TBD |
| **17:30** | **Farewell and Coffee** |

