**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 Lee  Dean Linda Kirk Fox  Dean 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** | |

