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Session	Session Topic	Presenter	*Presentation Title*
s1.1	Hybrid Natural Fiber Composites	Cengiz Altan	*A Natural Alternative to Glass Fibers in Composite Laminates: Challenges and Opportunities of Silk Fibers*
s1.3	Hybrid Natural Fiber Composites	Aji Mathew	*Cellulose Nanofibers Graphene Oxide based Biohybrids for Water Purification*
s1.5	Hybrid Natural Fiber Composites	Peter K Pauls	*Measurement of Corn Stalk Fibre Compositional Traits by Fourier-transform Infrared Spectroscopy and the Thermal Stability of Processed Corn Cob Fibres in Polypropylene Composites*
s2.4	Biopolymers, Films, and Foams	Nandika D'Souza	*Thermoplastic and Thermoset Foams for Structural Applications*
s3.1	Bio-fuels, Bioproducts, and Bioenergy	Pia Qvintus	*From bioeconomy research towards sustainable innovations*
s3.5	Bio-fuels, Bioproducts, and Bioenergy	Rajib Hazarika and Mahendra Thimmanagari	*Ontario's Agricultural Bioeconomy: Research and Innovation, and Biomass Crops*
s3.6	Bio-fuels, Bioproducts, and Bioenergy	Muhammad Safder	*Lipid based nano-reinforced polymers from a poultry byproduct: The spent hens*
s4.2	Food Packaging and Biomedical Applications	Alain Guinault	*Improvement of Gas Barrier Properties of Polyactic Acid (PLA) by Layer Multiplying Co-Extrusion*
s5.1	Bioeconomy and Sustainability	Anthony Anyia	*Biomass valorization for a sustainable bio-economy - biobased products innovation at NRC*
s6.3	Sustainable Thermosets and Coatings	Istvan Rajcan	*High-linoleic acid soybean oil: A promising New Feedstock for coatings, paints and other applications*
s7.5	Cellulose & Chitin for Advanced Materials	Matthew Dunlop	*Nanocrystalline Cellulose from Invasive Tunicates - Isolation, Characterization and Applications*
s8.1	3D Printing and Electrospinning	Rodrigo Navia	*Electrospun-based biopolymers: Trends and applications*
s9.5	Chemical and Bacterial Bio-Refinery	Aarti Sharma	*Fruitful transformation of rotten tomatoes into a substrate for bioplastic production*
s10.1	Lignin and Polysaccharides-based Materials	Hongbo Li	*Lignin Thermoplastic Products: En Route to Commercialization*

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s10.2	**Lignin and Polysaccharides-based Materials**	**Yulin Deng**	*Low temperature and high efficiency biomass fuel cell and biohydrogen production*
s10.3	**Lignin and Polysaccharides-based Materials**	**Eric W Cochran**	*Synthesis and application of adhesives from glycerin-based thermoplastics*
s11.1	**Lignocellulosic Based Polymers and Composites**	**Veera Boddu**	*Using DDGS-Soy Flour Mixtures as Adhesives for Wood Composites*
s12.1	**Starch and Protein Biomaterials**	**Michael Cunningham**	*A New Approach to Produce Starch Graft Copolymers and Grafted Starch Nanoparticles via Nitroxide Mediated Polymerization*
s14.1	**Smart Packaging and Pollution Awareness**	**Monique Lacroix**	*Radiation grafting on natural films*
s14.2	**Smart Packaging and Pollution Awareness**	**Daniel Schwendemann**	*Compounding of Water Soluble Support Material for Additive Manufacturing*
s14.3	**Smart Packaging and Pollution Awareness**	**Tomas Jesus Madera Santana**	*Influence of Natural And Artificial Weathering on Bioplastics And Biocomposites For Food Packaging*
s15.2	**Biofiller Based Composites**	**Hazizan Md Akil**	*Progress in Kenaf fibre Reinforced Composites (KFRC) research at Universiti Sains Malaysia (USM)*
s16.2	**Biomass Pyrolysis and By-product Applications**	**Franco Berruti**	*Production Of Bio-Char For Value-Added Building Materials*
s17.1	**Biopolymer Processing and Modeling**	**Margaret J SobkowiczKline**	*Ultra-High Speed Reactive Twin Screw Extrusion for Compatibilizing Biobased Polymer Blends*
s17.3	**Biopolymer Processing and Modeling**	**Jianbo Lu**	*Develop instrumental methods for mold evaluation and foreign crops detection of flax and hemp straws*
s18.3	**Biobased Polymers and Biocomposites**	**Rugui Dong**	*Introduction of A Novel Resilience Capped WPC*
s18.4	**Biobased Polymers and Biocomposites**	**Yingni Yang**	*Preparation and thermal properties of polyethylene glycol/expanded graphite as novel form-stable phase change material for indoor energy saving*
s19.2	**Sustainable Packaging Solutions**	**Susanne Braun**	*Identifying best markets for the exploitation of innovative sustainable food packaging solutions*
s19.3	**Sustainable Packaging Solutions**	**Qiangxian Wu**	*Developing Biobased Polymeric Products for Slow Release of Water or Fertilizers in Agriculture*

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s19.5	**Sustainable Packaging Solutions**	**Madhumita Patel**	*Comparative experimental and techno-economic analysis of production cost of renewable diesel from woody biomass and agricultural residue*
s20.1	**Bioeconomy and Innovation**	**Paul Stuart**	*Building Canada's BioEconomy Cluster: Value Chain Gaps and their Solutions*
s21.1	**Agriculture, Bio-refinery and Circular Economy**	**Bandaru V Ramarao**	*Studies of the kinetics of enzymatic saccharification of waste biomass*
s21.2	**Agriculture, Bio-refinery and Circular Economy**	**Qiang Liu**	*Development of plant protein-based bioplastic for industrial applications*
s21.5	**Agriculture, Bio-refinery and Circular Economy**	**Tizazu Mekonnen**	*Thermal, Mechanical and Crystallization Behaviour of PCLPLA type Random and Diblock Copolymers bearing Different Block Length*
s23.2	**Advanced Biocomposites for Structural Applications**	**Feng Jiang**	*Hierarchical structures assembled from cellulose nanofibril for advanced applications*
s23.4	**Advanced Biocomposites for Structural Applications**	**Harinder Tamber**	*Sustainability and Circular Economy for Bio-plastics by R9 ideology*
s24.3	**Biodegradability and Plastic Endof-Life Management**	**Aart Willem Van Vuure**	*Improving the moisture durability of natural fibre composites*
Plenary S1	**Biobased Materials – Recent Developments**	**Ramani Narayan**	*On the subject of Biobased, Biodegradable & Compostable Materials/Plastics*
Plenary S1	**Biobased Materials – Recent Developments**	**Sridevi Narayan-Sarathy**	*Sustainable Food Packaging Development Efforts at Pepsico*
Plenary S1	**Biobased Materials – Recent Developments**	**Jesper Van Berkel**	*Developing sustainable plastics products with PEF*
Plenary S1	**Biobased Materials – Recent Developments**	**Fabien Resweber**	*BioPBS, be revolutionary bioplastics matrix for composites application*
Plenary S2	**Sustainable Manufacturing**	**Karen Stoeffler**	*Sustainable polymer products for transportation and manufacturing*
Plenary S2	**Sustainable Manufacturing**	**Jennifer Meier**	Addressing and Minimizing Environmental Impact in Automotive Supplier Operations
Plenary S3	**Circular Economy Towards Mitigating Climate Change**	**Libby Peake**	*A holistic approach to the plastic problem*
Plenary S3	**Circular Economy Towards Mitigating Climate Change**	**John Pigott**	*We Can't Forget the Consumer*
Plenary S3	**Circular Economy Towards Mitigating Climate Change**	**Emma Chow**	*Cities and the Circular Economy for Food*

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Plenary S4	**Green Technology and Government Policy & Commercialization Strategy**	**Jim Grey**	*Green Technology, Government Policy and Commercialization Strategy*
Workshop	**3D Printing of Biobased Materials for Applications in Manufacturing and Biomedical Devices**	**Frank Ehrig**	*3D Printing of Biopolymers for Components*
Workshop	**Biocomposites for Technical Applications - Life Cycle and Sustainability**	**Hans-Josef Endres**	Biocomposites for Technical Applications - Life Cycle and Sustainability
Workshop	**Biocomposites for Technical Applications - Life Cycle and Sustainability**	**Madina Shasuyeva**	*Development of biobased hybrid composites using novel technology*
Workshop	**3D Printing of Biobased Materials for Applications in Manufacturing and Biomedical Devices**	**Jun Yang**	*3D printing of bioplastics, bio-inspired 3D printing, bioprinting, and their biomedical applications*
Thematic panel	**Wood plastic composites (WPC): North America, Europe and China in Perspective**	**Tom Jacques**	*A Brief History of Low Maintenance Decking in Ontario, Canada*
Thematic panel	**Wood plastic composites (WPC): North America, Europe and China in Perspective**	**Wayne Song**	*CCUS and WPC Development in China*
Thematic panel	**Circular Economy Towards Innovation in Industries**	**Pierre Boisseau**	*Enerkem biorefineries: Setting a new global standard in biofuels, chemicals and waste management*
Thematic panel	**Circular Economy Towards Innovation in Industries**	**Ranganath K Shastri**	*Industry Initiatives In The Plastics Sector For The Circular Economy*