

Wednesday, June 1<sup>st</sup> 2016, 6:20 pm

ISBBB 2016 Poster Presentations	
P1	<i>All-cellulose composites from partial periodate oxidation of microcrystalline cellulose and thermal crosslinking associated</i> <b>Amandine Codou</b>   University of Guelph   Canada
P2	<i>Characterization of silane grafted biocarbon and its polyolefin based biocomposites</i> <b>Andrew Anstey</b>   University of Guelph   Canada
P3	<i>Biocarbon from undervalued biomass: A potential substitute for coal</i> <b>Bharat Regmi</b>   University of Guelph   Canada
P4	<i>Utilization of crude glycerol from biodiesel industry for the production of microbial lipids</i> <b>Bijaya Kumar Uprety</b>   Lakehead University   Canada
P5	<i>Design and development of a sustainable and light-weight engine beauty cover</i> <b>Birat KC</b>   University of Toronto   Canada
P6	<i>Determining Optimal Removal Rate and Regional Supply of Corn Stover in Ontario, Canada</i> <b>Charles Lalonde</b>   Ontario Federation of Agriculture   Canada
P7	<i>The Environmental and Health Effects of Crystalline Cellulose Extracted from Wheat Straw</i> <b>Chemar J. Huntley</b>   Tuskegee University   USA
P8	<i>Smart highly transparent nanopaper directly fabricated from Natural Cellulose Fibers with microwave technology</i> <b>Detao Liu</b>   South China University of Technology   China
P9	<i>Novel Mechanically Fluidized Reactor Technology for Production of Pure Pyrolysis Biocarbon</i> <b>Douglas Cuthbertson</b>   Western University   Canada
P10	<i>Hybrid biocomposites from toughened polypropylene and biocarbon</i> <b>Ehsan Behazin</b>   University of Guelph   Canada
P11	<i>Lipid production by Mucorales strains using low-cost carbon sources</i> <b>Enzo Monte Canedo</b>   University of São Carlos   Brazil
P12	<i>Carbon Dioxide based Polymer Blends and Composites</i> <b>Eugene Enriquez</b>   University of Guelph   Canada
P13	<i>Surface-esterification of Cellulose Nanofibrils with Fatty Acids of Different Chain Length</i> <b>Eva-Marieke Lems</b>   University of Natural Resources and Life Sciences   Austria
P14	<i>Toughened bioepoxy from epoxidized soybean oil and poly(furfuryl alcohol)</i> <b>Ghodsieh Mashouf Roudsari</b>   University of Guelph   Canada
P15	<i>PLA reinforced with modified cellulose nanoparticles</i> <b>Jalel Labidi</b>   University of the Basque Country   Spain

P16	<i>Comparative study of the cellulose content of flax by gravimetric method and gas chromatography</i> <b>Jana De Prez</b>   University of Leuven   Belgium
P17	<i>Development of new techniques for scalable and cost-effective production of graphene</i> <b>Jhantu Kumar Saha</b>   University of Guelph   Canada
P18	<i>Assessment of Bio-fibre Based Insulation for Green Building Applications</i> <b>John Wolodko</b>   University of Alberta   Canada
P19	<i>BIOFOAM - a polyurethane spray foam produced using canola oil derived polyols</i> <b>Jonathan Curtis</b>   University of Alberta   Canada
P20	<i>Improving the biorefinery "status" of ethanol plants with edible filamentous fungi</i> <b>Jorge Ferreira</b>   University of Borås   Sweden
P21	<i>Thermal insulation materials based on residual natural fibers</i> <b>Juan Pablo Cardenas</b>   Universidad de La Frontera   Chile
P22	<i>Wood plastic compound (WPC) products and their contribution to bioeconomy: A description of the current scenario in Brazil</i> <b>Juliana Cristina Rubio Lampkowski</b>   UNESP FCA Botucatu   Brazil
P23	<i>Comparative Life Cycle Cost and Environmental Impact of Conventional and Ultrasound-Assisted Enzymatic Biodiesel Production</i> <b>Lew Christopher</b>   Lakehead University   Canada
P24	<i>Polyesters from renewable canola oil-based monomers</i> <b>Liejiang Jin</b>   University of Alberta   Canada
P25	<i>Impact Strength of Cellulose Nanofibril Reinforced PLA by 3D Printing</i> <b>Lu Wang</b>   University of Maine   USA
P26	<i>Nano-reinforced thermoplastic films from poultry feather keratin</i> <b>Manpreet Kaur</b>   University of Alberta   Canada
P27	<i>Economical processing of poly (lactid acid) staple fibre yarns and modification of the polymer recipe with the goal of avoiding degradation phenomena</i> <b>Marie-Isabel Popzyk</b>   Aachen University   Germany
P28	<i>Use of chemical modification agents for the improvement of mechanical properties of PHB (Poly (3-hydroxy butyrate)) synthesized by ring opening in the presence of catalyst</i> <b>Mario Araya-Marchena</b>   École Polytechnique de Montréal   Canada
P29	<i>Novel Electrically Conductive Bio-Based Adhesive from Distillers' Dried Grains with Solubles (DDGS) and Graphene</i> <b>Michael Biancanello</b>   University of Guelph   Canada
P30	<i>Investigation into the use of a biobased carbon prepared from a lignin-rich precursor as a pseudo-carbon black</i> <b>Michael Snowdon</b>   University of Guelph   Canada
P31	<i>Development of biopolymers for de-watering and consolidation of oil sands tailings</i> <b>Muhammad Arshad</b>   University of Alberta   Canada

P32	<i>Comparative study for rapid extraction of fat content from spent fowl</i> <b>Muhammad Safder</b>   University of Alberta   Canada
P33	<i>Biodegradable polymers from poultry by- product for Food Packaging Applications</i> <b>Muhammad Zubair</b>   University of Alberta   Canada
P34	<i>Lactic Acid- Polysaccharide Gum based Conjugates: A Bio-based Pressure Sensitive Adhesive</i> <b>Neelima Tripathi</b>   Indian Institute of Technology Guwahati   India
P35	<i>Manufacturing of lightweight sandwich composites with bio-based PU foam core and cellulose fiber network skin</i> <b>Nikolina Frisk</b>   Luleå University of Technology   Sweden
P36	<i>Evaluation of coffee chaff and spent coffee ground for bio-composite material application</i> <b>Nima Zarrinbakhsh</b>   University of Guelph   Canada
P37	<i>Elaboration of Lignin Ester Derivate With Great Ability to Melt</i> <b>Oihana Gordobil</b>   University of the Basque Country   Spain
P38	<i>A sustainable way for improving toughness of commercial bioplastics by reactive melt blending with glycerol based polyesters</i> <b>Oscar Valerio</b>   University of Guelph   Canada
P39	<i>Investigation of sugarcane bagasse lignin-based polypropylene composites</i> <b>Otavio Dias</b>   University of Toronto   Canada
P40	<i>Investigation on the thermomechanical properties of PLA/Lignin blends</i> <b>Pietro Russo</b>   National Research Council of Italy   Italy
P41	<i>Investigation of Bimodal Cellular Distributions via Supercritical Fluid Assisted Foam Injection Molding of PLA/PBSA Blends</i> <b>Sai Aditya Pradeep</b>   Clemson University   USA
P42	<i>Biopolyamide Hybrid Composites for Automotive Applications</i> <b>Shaghayegh Armioun</b>   University of Toronto   Canada
P43	<i>Entirely lipid-derived thermoplastic poly(ester urethane) elastomers: Effect of polymerization protocols and hydrothermal ageing on structure and properties</i> <b>Shegufa Shetranjiwalla</b>   Trent University   Canada
P44	<i>The Effects of Compatibilizers on Biodegradable Starch/ Poly(butyleneadipate-co-terephthalate) Foam</i> <b>Shengju Liao</b>   Industrial Technology Research Institute   Taiwan
P45	<i>A Novel Approach to Prepare Graphene Nanocomposites via Chaotic Mixing</i> <b>Sibel Demiroglu</b>   Izmir Katip Celebi University   Turkey
P46	<i>Effect of chain extender on the rheological behaviour of poly(trimethylene terephthalate), PTT and PTT/biochar composites</i> <b>Simonet Torres Galvez</b>   University of Guelph   Canada
P47	<i>Nanocellulose from agroindustry by-products: Characterisation and application for bio-polymer reinforcement</i> <b>Stefan Veigel</b>   University of Natural Resources and Life Sciences   Austria

P48	<i>University of Natural Resources and Life Sciences   Austria</i> <b>Sunil Kumar</b>   University of Borås   Sweden
P49	<i>Development of biocomposite films from waste of industrial orange juice production</i> <b>Veronika Batori</b>   University of Borås   Sweden
P50	<i>Poly (trimethylene terephthalate)/Poly (lactic acid) Blends and Biocarbon Composites</i> <b>Vidhya Nagarajan</b>   University of Guelph   Canada
P51	<i>Temperature-Sensitive and Fluorescent Poly(N-Isopropylacrylamide)-Grafted Cellulose Nanocrystals For Drug Release</i> <b>Weibing Wu</b>   Nanjing Forestry University   China
P52	<i>Research Progress on Bio-based Thermosetting Resins</i> <b>Xiaoqing Liu</b>   Ningbo Institute of Material Technology & Engineering   China
P53	<i>Printing Patterns of Conductive Graphene Coated Cellulose for Flexible Electronics</i> <b>Yin Li</b>   University of Guelph   Canada
P54	<i>Substitution of Phenol with Bio-Oil in the Production of Phenol Formaldehyde Resin</i> <b>Zhouhoung Wang</b>   Auburn University   USA (Presented by Sushil Adhikari)
P55	<i>Evaluating properties of medium-chain length polyhydroxyalkanoates synthesized by Pseudomonas putida LS46</i> <b>Chris Dartailh</b>   University of Manitoba   Canada