



## POSTER SESSION

(As of 6/7/18)

- Large Scale Production and Mechanical Properties of Mechanically Fibrillated Nanocellulose Films - **Sami El Awad Azrak**, Purdue University
- Comparison of Grafting-From Techniques for the Synthesis of Salt Resistant and Thermoresponsive CNC-Polymer Hybrids for Use as Rheology Modifiers – **Paul Balding**, Georgia Tech
- Organogels of Functionalized Nanocellulose for Heterogenous Drug Crystallization **Manali Banerjee**, Georgia Tech
- Combination of Twin Screw Extruder and Homogenizer to Produce High Quality Nanofibrillated Cellulose with Low Energy Consumption - **Gabriel Banvillet**, Univ. Grenoble Alpes, CNRS, Grenoble INP, LGP2, F-38000 Grenoble, France
- Surface Modification of Cellulose for Melt Blended PLA Composites - **Dominique Brager**, American University
- Carbohydrate Based Fire Retardant Coatings for Wood - **Ashish Bhattarai**, American University
- Nanolabelling Regulation and Value Chain. Hidden Possibilities of Creating a Competitive Advantage- **Ricardo Santana Cabella**, Pontifical Bolivarian University
- Melt Spun Cellulose Nanofibril/Poly(lactic Acid) Composite Fibers - **Caitlyn Clarkson**, Purdue University
- Fiber-level Simulation of Nanofibrillated Cellulose Suspensions - **Jing-Yao Chen**, University of Wisconsin-Madison
- The Green Fabrication And Investigation of Lignin Effect on the Anti-degradation Property Of Lignocellulosic Nanofibrils - **Yuan Chen**, Chinese Academy of Forestry, Research Institute of Wood Industry
- Roll-to-Roll Fabrication of Nanocellulose Based Anisotropic Coatings - **Reaz Chowdhury**, Purdue University
- Alkaline Pre-Treatments and Different Parameters as Facilitators for Obtaining Cellulose Nanofibrils – **R. A. P. Damásio**, Industrial RDI
- Form Cellulose Polymer Composite Using CNC Exchange - **Anh Do**, American University
- Mechanical and Barrier Properties of Films using Thiol-ene Functionalized Cellulose Nanofibers - **Kendra Fein**, University of Maine
- Preparation of TEMPO Oxidized Cellulose Nanofibril (TOCNF) High Strength Laminates **Endrina Forti**, Purdue University

- Multilateral Measurement of Cellulose Nanofibers – **Satoshi Hirata**, National Institute of Advanced Industrial Science and Technology
- Separation and Structural Changes in Hemicellulose from Pretreated Wheat Straw by Steam Explosion - **Langeng Hui**, Tianjin University of Science and Technology
- Increasing the Consistency of Refiner-Produced Cellulose Microfibrils in a Plate & Frame Press - **Donna Johnson**, University of Maine
- Development of Safety Assessment Methods for Cellulose Nanofibers - **Hideo Kajihara**, National Institute of Advanced Industrial Science and Technology
- Preparation of Cellulose Nanocrystalline/ Acrylonitrile-Butadiene-Styrene Nanocomposites - **Noy Kaufman**, American University
- Currency Paper Manufacturing Experience with Addition of Cellulose Nanofibrils – **Taeyoung Kim**, KOMSCO
- Paper-Based Electrochromic Devices Enabled by Nanocellulose-Coated Paper and Spray-Processible Oxygen Barrier Layers - **Augustus Lang**, Georgia Institute of Technology
- Cellulose Nano Crystals (CNC), Bio-building blocks for tomorrow’s materials – **Shaul Lapidot**, Melodea
- Recovery of Isopropanol for the Low Cost Carboxymethylation of Pulp for Production of Cellulose Nanofibrils - **Hak Lae Lee**, Seoul National University
- Study on Properties of Microcrystalline Cellulose Reinforced Hydroxypropyl Starch - based Composite Films - **Zhu Long**, Jiangnan University
- Post-sulfonation of Cellulose Nanofibrils With a One-Step Reaction to Improve Dispersibility - **Jeffrey Luo**, Georgia institute of Technology
- Development of CNF with High Transparency and Viscosity - **Ikko Matsusue**, Daio paper Corporation
- The Rheology Effects of CNC Addition to Cement Pastes - **Francisco Montes**, Purdue University
- Nanocellulose Films With Controlled Anisotropy for High-Barrier Food Packaging - **Md Nuruddin**, Purdue University
- Improvement of CFRP fatigue strength by adding CNF - **Kouta Ogura**, Sugino Machine Ltd.
- Robust Paper-Based Electrochromic Devices Enabled by Nanocellulose-Coated Paper and Chitin Nanofiber Barrier Layers - **Luis Pereira**, CENIMAT/I3N and CEMOP/UNINOVA
- Role of Native Cellulose Nanofibrils in Foam Dynamics - **Orlando Rojas**, Aalto University
- Spray Coated Chitin & Nanocellulose Polymer Films for Barrier Applications - **Chinmay Satam**, Georgia Institute of Technology
- Hybrid Coatings Based on Nanocellulose/Silver Nanowires to Develop Barrier and Antimicrobial Properties for Active Packaging Applications - **Hugo Spieser**, University Grenoble Alpes
- Water-Soluble Cellulose Acetate from Waste Cotton Fabrics and the Aqueous Processing of All-Cellulose Composites - **Xunwen Sun**, Sichuan University
- Bacterial Cellulose 3D Structuring Towards New Applications - **Blaise Tardy**, Aalto University
- Recipe to Synthesize Aerogels with Tunable Properties: From Design Principles to Application - **Anurodh Tripathi**, North Carolina State University
- High-power Supercapacitor Fabricated with Active Electrode Material Derived from Reduced Graphene Oxide/Cellulose Composites - **Ruibin Wang**, Guangdong University of Technology