



POSTER SESSION

(As of 5/4/18)

- 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
- 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
- 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
- Effects of Cellulose Nanofibrils with Different Addition Methods on Furnish Drainability and Paper Properties - **Ming He**, Qilu University of Technology
- Separation and Structural Changes in Hemicellulose from Pretreated Wheat Straw by Steam Explosion - **Lanfeng Hui**, Tianjin University of Science and Technology
- Understanding the Impact of Cellulose- and Chitin-based Nanomaterials in Various Polymer Matrix Constructs - **Cameron Irvin**, Georgia Institute of Technology
- Increasing the Consistency of Refiner-Produced Cellulose Microfibrils in a Plate & Frame Press - **Donna Johnson**, University of Maine Process
- Development Center 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

- Robust Paper-Based Electrochromic Devices Enabled by Nanocellulose-Coated Paper and Chitin Nanofiber Barrier Layers - **Augustus Lang**, Georgia Institute of Technology
- Cellulose Nano Crystals (CNC), Bio-building blocks for tomorrow's materials – **Shaul Lapidot**, Melodea
- Evaluating Mucoadhesion Properties of Nanocellulose in Gastrointestinal Tract - **Yu-Ju Lin**, University of Georgia
- 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
- Preparing of a Composite Nano Disperse Dye Using a Hydroxypropyl Sulfonated Lignin Dispersant and the Interaction of Dispersant and Dye Surface - **Yanlin Qin**, School of Chemical Engineering and Light Industry, Guangdong University and Technology
- Nanolabelling Regulation and Value Chain. Hidden Possibilities of Creating a Competitive Advantage- **Ricardo Santana**, Pontifical Bolivarian University
- Effect of Cellulose Nanocrystal (CNC) Length on Properties of Polyvinyl Alcohol Composite Fibers - **Shikha Shrestha**, Purdue University
- Hybrid Coatings Based on Nanocellulose/Silver Nanowires to Develop Barrier and Antimicrobial Properties for Active Packaging Applications - **Hugo Spieser**, University Grenoble Alpes
- Interaction in Cellulosic Fiber-fiber Joints at Humid and Wet Conditions by AFM and Confocal Raman Microscopy - **Agne Swerin**, RISE Research Institutes of Sweden
- High-power Supercapacitor Fabricated with Active Electrode Material Derived from Reduced Graphene Oxide/Cellulose Composites - **Ruibin Wang**, Guangdong University of Technology