

Monday, May 6, 2019

1:30PM – 3:00PM	PA1: Additive Mixing Session Chair: Darren Swales, Kemira PA1.1 Inline Static Mixing and Direct Injection Steam Heating for Pulp and Paper PA1.2 Fractionating — New Reveals of Stock Retention Mechanisms with Optimized Use of and Mixing of Additives in Paper and Board Production PA1.3 Development of additive transfer and dosing system with straight forward steps improves cleanliness, quality and runnability	Sameer Kshirsagar, Komax Systems, Inc. Lasse Kauppinen, Valmet Jouni Matula, Wetend Technologies Ltd
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3:00PM – 3:30PM **Break**

3:30PM – 5:00PM	PA2-PF1: Filler Composites Session Chair: Leslie McLain, IMERYS PA2-PF1.1 Substituting Pulp for Filler is Increasingly Attractive for Papermakers PA2-PF1.2 Enhancement of Paper Strength by Bio-based Composite Fillers PA2-PF1.3 Filler Co-flocculation with Cellulose Micro Fibrils — A Novel Predictive Method	Per Svending, FiberLean Technologies Ltd. Indrasena Ghosh, IIT Roorkee Ignacio De San Pio, RISE Bioeconomy A.B
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Tuesday, May 7, 2019

8:00AM – 10:00AM	CGA3-PA3: Diverse Films and Coatings Session Chair: Joe Mahoney, Buckman International CGA3-PA3.1 Development of More Sustainable Barrier Systems for Packaging CGA3-PA3.2 Plastic Free Cupstock is Available CGA3-PA3.3 Surface Application of Cellulose Microfibrils on Paper - Effects of Basis Weight and Surface Coverage Levels CGA3-PA3.4 Comparing the Rheological Characterization of Coating Adhesives Applied to Yankee Dryers and Their Relationship with Basesheet Properties	Larry Hutchinson, Solenis Markku Hamalainen, Kotkamills Oy Donna Johnson, University of Maine Joshua Omambala, Georgia-Pacific LLC
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10:00AM – 1:30PM **Lunch/Exhibit/NTS**

1:30PM – 3:00PM	PA4: Novel Wet Strength Uses Session Chair: Larry Anker, Solenis PA4.1 Intro to Wet Strength PA4.2 Increased Machine Efficiency Using a Novel, Structured Wet Strength Resin PA4.3 Lignin Based Resins for High-Pressure Paper Laminates	 Clay Ringold, Nalco Water Prajakta Dongre, SUNY-ESF
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3:00PM – 3:30PM **Break**

3:30PM – 5:00PM	PM5A-PA5: Papermakers Roundtable Session Chair: John Neun, John A. Neun, LLC PA5-PM5A Roundtable Discussion	
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Wednesday, May 8, 2019

8:00AM – 10:00AM	PA6: Biobased Dry Strength Session Chair: Rosy Covarrubias, Buckman International PA6.1 Application of Cellulosic Based Wood Additives for Recycled Paper Applications – A Pilot Paper Machine Study PA6.2 Performance of Engineered Polysaccharides in Paper Applications PA6.3 Modified Starch Provides a Strong Solution for Quality Optimization in Tissue and Towel Grades PA6.4 Packaging Grade Paper from Rice Straw Pulp Using Bio-Polymers	Klaus Doelle, SUNY-ESF William Ripmeester, DuPont Rick Fortier, Ingredient Yuvraj Singh Negi, Indian Institute of Technology Roorkee
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10:00AM – 10:30AM **Break**

10:30AM – 12:00PM	PA7: Dry Strength Additives Session Chair: Frank Sutman, Solenis PA7.1 New Lignin Management Program Improves Strength and Performance in Virgin Containerboard PA7.2 Recycled Furnish Strength Enhancement via Enzyme Application to Refiner PA7.3 Mapping Analysis of Paper Surface for Developing High Performance Paper Strength Agent	Cory Ross, Solenis John DeJarnette, WestRock Taiki Kumagae, Arakawa Chemical (USA) Inc.
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11:30AM – 1:30PM **Lunch/Exhibit**

1:30PM – 3:00PM	PA8-PF6: Advances in Additive Technology Session Chair: Steve Boone, Bercen PA8-PF6.1 Rapid Microbial Detection and Quantification PA8-PF6.2 Effect of Fiber Structure on Edge-Wicking in a Highly Sized Paper PA8-PF6.3 Movement of a Liquid Droplet Within a Fibrous Layer: Direct Pore-Scale Mode	Justin Hutcherson, Buckman Jeremy Meyers, WestRock Hamed Aslannejad, Utrecht University
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3:00PM – 3:30PM **Break**

3:30PM – 5:00PM	PA9: Wrap-Up Session Chair: Lebo Xu, WestRock PA9.1 Additives Wrap-Up	
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