

Biobased Materials for Advanced Manufacturing

January 28, 2022

Agenda

Time	Presentation	Presenter	Organization
10:00 – 10:05	Opening	Soydan Ozcan David Turpin	ORNL APPTI
10:05 – 10:25 <i>(12 min presentation, 4 min Q&A, 4 min feedback)</i>	Cellulose Nanofibers Produced from Different Feedstocks at Pilot Scale - Energy and Properties	Donna Johnson	University of Maine
10:25 – 10:45	Impact of different form and scale of cellulose fibers on mechanical properties of thermoplastic composites as additive manufacturing feedstock	Halil Tekinalp	Oak Ridge National Laboratory
10:45 – 11:05	3D printable CNF-reinforced thermosets	Katie Copenhaver	Oak Ridge National Laboratory
11:05 – 11:25	Industry Collaboration Case Study - Developing biobased PLA composites for large format additive manufacturing	Deepak Venkatraman	NatureWorks
11:25 – 11:30	Wrap-up	Kim Nelson David Turpin	Gran Bio APPTI