



Monday, March 4, 2024	
Time	Agenda
8:00 a.m. - 8:45 a.m.	REWOOD Executive Board Meeting: Forest of the Future Continental Breakfast
8:45 a.m. - 9:00 a.m.	ReWOOD Board/ Order of Business
	Speaker: Chris Luettggen, Chair, ReWOOD EAB
9:00 a.m. - 9:45 a.m.	ReWOOD Goals and Mission
	Speaker: Andy Bommarius (ChBE), Director ReWOOD
9:45 a.m. - 10:25 a.m.	Sustainable Aviation Fuels
	Speaker: Valerie Thomas (ISyE/PUBP)
10:25 a.m. 11:05 a.m.	"Xylon™: Nylon from wood"
	Speaker: Anthony ('Bo') Arduengo (CHEM), ReWOOD Co-Director
11:05 a.m. - 11:20 a.m.	Break

11:20 a.m. - 12:00 p.m.	Chemical tree from wood
	Speaker: Stefan France (CHEM)
12:00 p.m. - 12:30 p.m.	ReWOOD luncheon
12:30 p.m. - 1:00 p.m.	2024 RBI Spring Conference: The Emerging Bioeconomy and the Future of Biorefining
1:00 p.m. - 1:10 p.m.	Welcome: Carson Meredith, Executive Director, Georgia Tech Renewable Bioproducts Institute
1:10 p.m. - 2:00 p.m.	Strengthening the US Pharmaceutical Supply Chain in a Post-Pandemic World
	Speaker: B. Frank Gupton, Ph.D, Floyd D. Gottwald Chair of Pharmaceutical Engineering, Chemical and Life Science Engineering, Virginia Commonwealth University
2:00 p.m. - 2:45 p.m.	Lignin-Derived Phenol – The New Platform of Biorefineries
	Speaker: Carsten Sievers, Professor, Chemical and Biomolecular Engineering
2:45 p.m. - 3:00 p.m.	Break
3:00 p.m. - 4:00 p.m.	Towards Integrated Biorefining Processes in Kraft Mills by Multicomponent Separations and Catalytic Conversion
	Speaker: Sankar Nair, Assoc Chair Industry Outreach; Chemical and Biomolecular Engineering, Georgia Tech
4:00 p.m. - 5:00 p.m.	Student Panel: "The future of Biorefineries: student perspectives on the challenges in multi-domain research projects"
	(1) Marco Avendano, Jianpei Lao, and Thomas Wang; and (2) Wenbo Pang, Xu Xintong
5:00 p.m. - 6:00 p.m.	Reception & Poster session

6:00 p.m. - 8:00 p.m.	Dinner & Keynote: Andres Villegas, President, the Georgia Forestry Association: "The Role of Technology Development in Supporting Georgia's Forest Sector"
	"The status of Georgia forestry and availability of woody biomass in the state"
Tuesday, March 5, 2024	
9:00 a.m. -9:30 a.m.	Continental Breakfast
9:30 a.m. - 10:30 a.m.	Future of Biorefining
	Keynote: Blake A. Simmons, Ph.D; Division Director, Biological Systems & Engineering, Lawrence Berkeley National Laboratory
10:30 a.m. - 11:30 a.m.	Topic: Hot topics in life cycle assessment
	Speakers: Patrissia Statshatou, Faculty Research Scientist; Valerie Thomas, Professor, Industrial & Systems Engineering; Matthew Realff, Associate Director, Chemical & Biomolecular Engineering, SEI.
11:30 a.m. - 12:30 p.m.	Topic: Data-driven Biorefinery Process Control: Waste Refinery Under Feedstock Uncertainty
	Speaker: Zhaohui (Julene) Tong, Associate Professor, College of Engineering, ChBE
12:30 p.m. - 1:30 p.m.	Networking lunch: poster session lunch
1:30p.m. - 2:30 p.m.	Topic: Biorefinery and Modification of Plant Cell Walls: Where Do We Stand?
	Speaker: Mi Li, Assistant Professor in Biorefinery and Biopolymer Chemistry at the Center of Renewable Carbon, School of Natural Resources, University of Tennessee Knoxville
2:30 p.m. - 3:30 p.m.	Keynote: Enabling NET ZERO: Meeting the Global Demand for Sustainable Aviation Fuel & Low Carbon Bioproducts

	Speaker: Kim Nelson, CTO at GranBio Technologies
3:30 p.m. - 3:45 p.m.	Break
3:45 p.m. - 4:45 p.m.	Topic: Current Issues and Factors in Quantification of Forest Biomass Feedstocks
	Bronson P. Bullock, Ph.D, Professor of Forest Biometrics & Quantitative Forest Management & Director, Plantation Management Research Cooperative, Warnell School of Forestry and Natural Resources, University of Georgia
4:45 p.m. - 5:15 p.m.	Closing remarks
	Speaker: RBI Spring Conference Chairs: Caron Meredith, Andreas Bommarius, Matthew Realff, Zhaohui (Julene) Tong