



Georgia Tech
Renewable Bioproducts
Institute

2025 RBI Spring Workshop

Energy Efficiency and Pulp and Paper Competitiveness

May 12-13, 2025



MONDAY, May 12, 2025 – Kendeda Building for Sustainable Design

Time	Activity
12:30 p.m. - 1:00 p.m.	Workshop Registration
	Introduction & Overview
1:00 p.m. - 1:10 p.m.	Welcome Speaker: Carson Meredith Executive Director, Georgia Tech Renewable Bioproducts Institute
1:10 p.m. - 1:50 p.m.	APPTI (The Alliance for Pulp & Paper Technology Innovation) and RBI Overview: Positioning on energy efficiency and GHG goals to net zero Speakers Carson Meredith and Chris Luetgten
1:50 p.m. - 2:30 p.m.	Paper Manufacturing Carbon Accounting Speaker: Jose Gonzalez, AFRY
	Energy Reduction in Pulping
2:30 p.m. - 3:10 p.m.	Membrane Separations and their Integration in Pulping Processes Speaker: Sankar Nair, GT ChBE
3:10 p.m. – 3:40 p.m.	Break/Networking
3:40 p.m. - 4:20 p.m.	Lime Kiln current operating status and proposed alternatives Speaker: Lokendra Pal, NCSU
4:20 p.m. – 5:00 p.m.	Electrochemistry's role in electrifying pulp and paper processing Marta Hatzell, GT ME
5:00 p.m. - 6:00 p.m.	Reception

	Poster session with RBI Fellowship Students
6:00 PM	Dinner
TUESDAY, May 13, 2025	
	Reduced Drying Demand in Papermaking
8:00 a.m. - 8:30 a.m.	Welcome
8:30 a.m. - 9:00 a.m.	Overview of Multiphase Forming Lab Cyrus Aidun, Professor, Mechanical Engineering Sridhar Ranganathan – R&D Technical Director Kimberly Clark Corporation Terry Bliss - Consultant on behalf of Solenis Carson Meredith, Moderator
9:00 a.m. – 10:00 a.m.	Grand Opening of Multiphase Forming Lab President Angel Cabrera, EVPR Tim Lieuwen, Cyrus Aidun, Devesh Ranjan, and Carson Meredith
10:00 a.m. - 10:20 a.m.	Break/Networking
10:20 a.m. – 10:50 a.m.	APPTI Projects in Energy Efficiency and Decarbonization Chris Luetttgen, GT RBI and APPTI
10:50 a.m.- 11:20 a.m.	Displacement Pressing Update David Beck, Beck Displacement Press LLC
11:20 a.m. – 11:50 a.m.	Advanced Dewatering and its Process Implications Victor Breedveld, GT ChBE
11:50 a.m.	Departure/Networking Lunch
1:00 p.m. – 3:00 p.m.	RBI Members Industry Advisory Board meeting – by invite only* <i>For more information on the Industry Advisory Board, please contact Belinda Vogel: bvogel30@gatech.edu</i>