

Lignin Production & Application: Expanding Transnational Collaborations

Tuesday, March 14th, 2023

10:00 AM – 1:00 PM EDT (US) / 16:00 – 19:00 EET(FI)

Purpose:

Organized by the Finland-Maine-Michigan Bioeconomy Collaboration, this webinar is intended to build connections across borders to enhance activities related to lignin valorization. The session will highlight recent research innovations and industrial applications, and will seek to define the challenges and opportunities to increase lignin production and applications in the next 1-5 years and beyond.

The international collaboration was developed in 2020 to capitalize on collective forestry knowledge and commitment to smarter, sustainable use of natural resources to advance the bioeconomy and clean technologies. Industry, academia, government, and non-profit organizations in the US and Finland with an interest or role in the production of lignin, applications, and future opportunities are encouraged to attend the webinar.

10:00 EDT (US)/16:00 EET (FI)

Introduction

Julie Manley, Treasurer, Michigan Forest Biomaterials Institute

10:05 EDT (US)/16:05 EET (FI)

Welcome Remarks

Ulla Lainio, Commercial Counsellor, Business Finland, Washington D.C.

10:10 EDT (US)/16:10 EET (FI)

Webinar Practicalities

Julie Manley, Treasurer, Michigan Forest Biomaterials Institute

10:15 EDT (US)/16:15 EET (FI)

Research Advances

10:15 EDT (US)/16:15 EET (FI) Anna Kalliola, Senior Scientist, VTT Technical Research Centre of Finland

10:30 EDT (US)/16:30 EET (FI) Thomas Schwartz, Associate Professor, University of Maine

10:45 EDT (US)/16:45 EET (FI) Janne Jänis, Professor of Organic Chemistry, University of Eastern Finland

11:00 EDT (US)/17:00 EET (FI) William Gramlich, Associate Professor, University of Maine

11:15 EDT (US)/17:15 EET (FI)

Discussion

11:35 EDT (US)/17:35 EET (FI)

Break

11:40 EDT (US)/17:40 EET (FI)

Innovation and Commercialization

11:40 EDT (US)/17:40 EET (FI) Mojgan Nejad, Associate Professor, Green Bioproducts, Michigan State University

11:55 EDT (US)/17:55 EET (FI) Henrik Wallmo, Strategy & R&D Manager, Valmet

12:10 EDT (US)/18:10 EET (FI) Hanne Wikberg, Senior Manager, Fortum

12:25 EDT (US)/18:25 EET (FI) Matyas Kosa, Bioproducts Lead, West Fraser

12:40 EDT (US)/18:40 EET (FI)

Discussion

12:57 EDT (US)/18:57 EET (FI)

Closing Remarks

Katariina Torvinen, VTT Technical Research Centre of Finland

1:00 EDT (US)/19:00 EET (FI)

Adjourn