

AUTUMN SUMMIT AND XI JOHAN GULLICHSEN COLLOQUIUM 8.11.2017
Wanha Satama, Pikku Satamakatu 3-5, Helsinki

SUSTAINABLE GROWTH FROM BIOFOREST INDUSTRY

Chairman Janne Ussa

#PIprof

- 08.30 Registration
- 09.00 **PI's Autumn Meeting, official issues**
- Summary of activities
 - Member issues
 - Scholarships and awards
- 09.50 COFFEE BREAK AND POSTER SESSION
- 10.30 **Sustainable growth from Finnish forests – but how much?**
Jari Hynynen, Research Professor, Natural Resources Institute Finland (Luke), @jarihynynen
- 11.00 **Case: The new life of power plant ash in pulp mill**
Sakari Kiviniemi, CEO, Rakeistus Oy
- 11.30 **Case: The material innovation of Sulapac challenges plastics**
Suvi Haimi, CEO, Sulapac Oy, @suvihaimi
- 12.00 **Case: Well-being and high-end products from Kemijärvi's biorefinery**
Heikki Nivala, CEO & Chairman, Boreal Bioref Oy
- 12.30 LUNCH
Lunch speech: Johan Gullichsen, Professor emeritus

Sustainability-driven innovations

- 14.00 **Part 1: MAN-MADE FIBRE**, Chair and introduction: Professor Panu Tikka
- Assessing pulp reactivity and its activation**
Sara Ceccherini, Doctoral Candidate, Aalto University
- Effect of wet-spinning dope rheology on spinnability**
Meri Lundahl, Doctoral Candidate, Aalto University, @merilundal
- Roll-to-roll processing of nanocellulose into coatings for barrier and functional applications**
Vinay Kumar, Doctoral Candidate, Åbo Akademi University
- 15.10 **Research & industry interaction, commentators:**
Heidi Saxell, R&D Manager, Stora Enso Biomaterials
Johan Engström, CTO Pulp and Paper, Andritz
- 15.30 COFFEE BREAK & POSTER SESSION
- 16.00 **Part 2: NOVEL BIOPRODUCT CONCEPTS**. Chair and introduction: Professor Pedro Fardim, Åbo Akademi University, @PedroFardim
- Lignin fractionation – a method to preprocess lignin for high value applications**
Anna-Stiina Jääskeläinen, Principal Scientist, VTT
- Foam forming towards a more sustainable paper production**
Wenchao Xiang, Doctoral Candidate, Aalto University
- Novel bio-based materials for active and intelligent packaging**
Johanna Lahti, Senior Research Fellow, Tampere University of Technology, @LahtiJoh
- 17.10 **Research and industry interaction, commentators:**
Niklas von Weymarn, VP, Research, Metsä Fibre, @niklasweymarn
Juha Lindfors, Manager, R&D and Technology, Kemira
- 17.30 Seminar wrap-up: POSTER SESSION, NETWORKING & LIGHT BUFFET
incl. JGC Award Ceremony
- ~19.30 Closing

Please note, that the presentations before lunch will be given in Finnish.