

# CELLULOSE SCIENCE

## Cellulose Science Webinar 2024



Join us online  
on **December 10, 2024**  
from **1:00 to 5:00 p.m.**

# PROGRAM

GMT+1 (Europe / Paris)

• **1:05 p.m. – 1:20 p.m.:** Last actions in The Cellulose Valley – Julien Bras, Grenoble INP Pagora / LGP2

## Part I: Alternative Source and Process for Cellulosic Materials

- **1:20 – 1:40 p.m.:** Food waste as an alternative source for packaging, Caio Otoni, University Campinas, Brazil
- **1:40 – 2:00 p.m.:** Cellulose foam innovations – Claes Holmqvist, RISE, Sweden
- **2:00 – 2:20 p.m.:** Extrusion molding of biomass powder with cellulose derivatives, Hiroshi Nonaka, Mie University, Japan
- **2:20 – 2:40 p.m.:** Shape morphing cellulose materials by 3D printing, Beatriz Arsuffi or Gilberto Siqueira, EMPA, Switzerland

## Part II: Properties and Preparation of 3D-Formed Cellulose Materials

- **2:40 – 3:00 p.m.:** Developments in 3D forming of paper – Ville Leminen, LUT, Finland
- **3:00 – 3:20 p.m.:** The potential of wood pulp fibers in 3D-formed products – Gary Chinga Carasco, RISE-PFI, Norway
- **3:30 – 3:50 p.m.:** New strategy to produce cellulosic barrier trays, Jeff Youngblood, Purdue University, USA

## Part III: Environmental Applications and End of Life of Cellulose Materials

- **3:50 – 4:10 p.m.:** Biodegradation of cellulose derivatives – Minna Hakkarainen, KTH, Sweden
- **4:10 – 4:30 p.m.:** End of life of cellulose – Nathalie Lavoine, North Carolina State University, USA
- **4:30 – 4:50 p.m.:** Use of cellulose for PFAS degradation and for batteries – Johan Foster, University British Columbia, Canada

Interested in learning more about cellulose science ? Register here :

