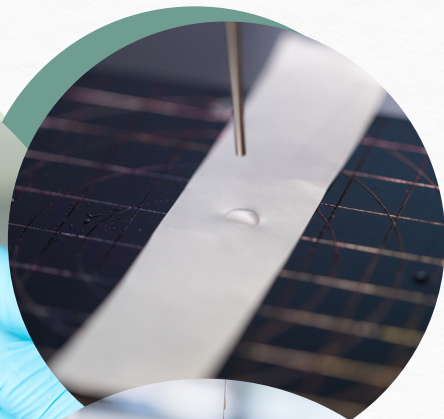


CELLULOSE SCIENCE

Cellulose Science Webinar 2025



Join us online
on **December 10, 2025**
from **1:00 to 5:00 p.m.**

PROGRAM

GMT+1 (Europe / Paris)

- **1:05 pm – 1:20 pm** : Last actions in The Cellulose Valley for sustainable packaging - Julien Bras, Grenoble INP Pagora / LGP2, France

Part I: Paper & barriers

- **1:20 pm – 1:40 pm** : Cellulose-Water Interactions - Stephen Eichorn, Univ. Bristol, UK
- **1:40 pm – 2:00 pm** : Femtosecond laser texturing of nanocellulose coatings towards superhydrophobic and oleophobic barrier layers - Pieter Samyn, SIRRIS, Belgium
- **2:00 pm – 2:20 pm** : From biomass to barrier: water-based coatings and multilayer structures for sustainable paper packaging - Rajesh Koppolu, VTT, Finland
- **2:20 pm – 2:40 pm** : From water repellent to water harvesting with innovative paper coatings - Markus Biesalski, TU Darmstadt, Germany

Part II: New converting & sealability

- **2:40 PM – 3:00 PM** : Leveraging Mycelial Growth and Nanocellulose for Sustainable Insulative Packaging - Mehdi Tajvidi, Univ Maine, USA
- **3:00 pm – 3:20 pm** : Characterizing direct vacuum metallization on paper for improving moisture barrier & role of sealing - Abhijit Battacharya, Nestlé, Switzerland
- **3:30 pm – 3:50 pm** : Injection molding of cellulose-based materials for packaging applications - Emilien Freville, Injectose, France

Part III: End of life of cellulose materials

- **3:50 pm – 4:10 pm** : Plastic footprint: a new indicator in packaging - Robin Sales, Evea, France
- **4:10 pm – 4:30 pm** : LCA of coating and cellulose-based packaging - Francys Moreira, UFSCAR, Brasil
- **4:30 PM – 4:50 PM** : Switching to Reuse packaging - Lise Magnier, TU Delft, Netherlands

Interested in learning more about
cellulose science ? Register here :

