

# Recent advances on cellulose nanotechnology research

## Production, characterization and applications

RISE PFI has the pleasure to invite to the conference **Recent advances in cellulose nanotechnology research** in Trondheim, Norway 05 - 06 October 2022. This is the 8th seminar in a successful series of biannual meetings held since 2006.

### Confirmed speakers

**Julien Bras** (Grenoble INP - Pagora)

Natural deep eutectic to obtain directly anionic cellulose nanocrystals

**Akira Isogai** (University of Tokyo)

Oven-drying of CNF/water dispersion for homogeneous compounding with polymer matrices

**Synnøve Holtan** (Borregaard)

Advantages of Exilva in corrugating starch adhesives

**Alfred French** (U.S. Department of Agriculture: New Orleans)

X-Ray diffraction analysis of cellulose

**Amalie Solberg** (RISE PFI)

Properties of inorganic-organic polymer coated paper and nanopaper

**Jonathan Phipps** (FiberLean® Technologies Ltd)

Coating MFC onto paper – industrial challenges

**Heli Kangas** (VTT)

The scale of nanocellulose in applications - from electronics to packaging and beyond

**Alain Dufresne** (Grenoble Institute of Technology)

Preparation of stimuli responsive actuators from cellulose nanofibrils by interface co-precipitation method

**Andreas Fall** (RISE- Research Institutes of Sweden)

CNF – a particle and a polymer

**Lars Berglund** (KTH)

Controlling nanostructure and optical transmittance in load-bearing cellulose materials

**José Manuel Baena** (REGEMAT 3D)

From 3D printing of medical devices to bioprinting of tissues and organs

**Gary Chinga Carrasco** (RISE PFI)

Is a period of 10 years sufficient to develop a nanocellulose wound dressing product?

**Orlando Rojas** (University of British Columbia)

Renewable Nanoparticles in Superstructured and Multiphase Materials

**Prang, Simen Følkner** (Norske Skog Saugbrugs)

Characterization and performance of cellulose nano fibril epoxy-based masterbatches

**Sandra Rodriguez Fabia** (RISE PFI)

Hydrophobization of cellulose: current trends and challenges

**Eva Pasquier** (RISE PFI)

Conception of multilayer biobased films with high oxygen and water vapor barrier for food packaging applications

**Stephen Eichhorn** (University of Bristol)

Octylamine Modified Nanocellulose – Getting The Best Of The Oil and Water Worlds

**Kristin Syverud** (RISE PFI)

CNF dispersions – industrial applications

**Øyvind Eriksen** (RISE PFI)

Conclusions and perspectives

Early-bird registration fee: 7000 NOK. Deadline 1 September 2022 (includes lunch both days and conference dinner 05 October). Late registration fee: 8000 NOK.

**Register online: Please give us the names, telephone numbers and e-mail addresses of those who will participate to this adresse: [firmapost@rise-pfi.no](mailto:firmapost@rise-pfi.no)**

Call for posters: Authors should submit a maximum one page abstract of their posters. Submit your poster to [firmapost@rise-pfi.no](mailto:firmapost@rise-pfi.no), using "Nanocellulose poster" in the subject field. Deadline: 1 September 2022.

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# PFI

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