

Recent advances in 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 at rise-pfi.no/conference

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

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