

## 14th Carbohydrate Bioengineering Meeting

We are happy to welcome you to the digital version of CBM14 2021. As communicated previously, we needed to postpone our meeting scheduled to be at Norefjell right outside of Oslo to 2022. So, as an inspiration we offer you eight stimulating talks on May 31st and June 1st. The talks will be presented as a webinar from 4 pm to 8 pm CET. Please go to

<https://www.nmbu.no/en/events/cbm14>

for information. The conference is free of charge and there is no need for prior registration. Simply click on the zoom links and enjoy the latest of Carbohydrate Bioengineering:

May 31st:

<https://nmbu.zoom.us/j/63475921705?pwd=VGJLbG9RZkx6SW9wWk5kNGd4MnJPUT09>

Passcode: 376407

June 1st:

<https://nmbu.zoom.us/j/63554129274?pwd=U3ZiQm9FU3lPK0o1SGhMNmNFQkZjZz09>

Passcode: 343152

For the conference in 2022, the following topics will be covered:

- Carbohydrate structure & complex carbohydrate-based matrices
- Polysaccharide metabolism & carbohydrate transport
- Omics and CAZyme discovery
- Mechanisms, structure-function relationships and dynamics of CAZymes
- CAZyme engineering and computer-assisted design
- Enzymes for carbohydrate synthesis and modification
- Auxiliary activities redox enzymes
- Carbohydrate esterases
- Glycobiotechnologies
- Carbohydrate degrading communities

This is the guidelines for the digital conference as well. The list of speakers is:

• **Professor Elisa Fadda**

Department of Chemistry, Maynooth University

"On Sars-Cov-2 glycosylation"

• **Professor Jan-Hendrik Hehemann**

Center for Marine Environmental Sciences, University of Bremen

"On marine polysaccharides"

• **Professor Peter Westh**

Department of Biotechnology and Biomedicine, DTU

"Comparative biochemistry of cellulases"

• **Professor Al Boraston**

Department of Biochemistry and Microbiology, University of Victoria

"A molecular view of carrageenan metabolism by marine microbes from the Pacific Northwest"

• **Dr. Daniel Kracher**

Department of Molecular Biotechnology, TU Graz

"On recent work on LPMOs"

• **Professor Maher Ahou Hachem**

Department of Biotechnology and Biomedicine, DTU Orbit

"On oligosaccharide oxidases and LPMOs"

• **Professor Bruno Moerschbacher**

Institute of Plant Biotechnology and Biology, Institute of Plant Biotechnology and Biology

"On acetylation in chitosan"

• **Professor Michelle O'Malley**

Chemical Engineering, UC Santa Barbara

"On lignocellulose degrading communities"

Time of presentations is posted on <https://www.nmbu.no/en/events/cbm14/speakers>.

Please spread the word. Moreover, have in mind that our meeting in May and June serves as moment of motivation for our work and that we will meet again in 2022. Then, we will have an

entire hotel to ourselves (<https://norefjellskiogspa.no>) in scenic surroundings at affordable prices (we can manage this even in Norway). Details on prices will come, but we promise a good deal that includes the stay at the hotel, excellent food, and transportation to and from the airport.

On behalf of the organizing committee.

Morten Sørli

Professor

Norwegian University of Life Sciences