

Holzwissenschaftsseminar II WS 22/23

Freitag, 27.01.2023, 10:00– 14:00 Uhr

Holzforschung München / Wood Research Munich

- Online -

Bei Interesse an einer Teilnahme, senden Sie bitte eine E-Mail an:

If you want to participate, please send a message to:

holzwissenschaft@hfm.tum.de

Sie erhalten dann den Link und Zugangs-Code zum virtuellen Seminarraum. Die Teilnahme ist kostenfrei.

You will then receive the access data for the Zoom event. The participation is free of charge.

Programm:

Veranstaltungsbeginn: **Begrüßung / Greeting**

10:00 – 10:10 Uhr **Prof. Dr. Philipp Benz**
Professur für Pilzbiotechnologie in der Holzwissenschaft (TUM)

Themenblock: **Pilz-Biotechnologie / Fungal Biotechnology**

10:10 – 10:40 Uhr M. Sc. Lisa Meyer, Professorship of Fungal Biotechnology in Wood Science, (Final presentation of PhD project)
Zum Thema: Investigation of Carbon Catabolite Repression (CCR) in filamentous fungi

10:40 – 11:00 Uhr M. Sc. Michael Berger, MA Biology (TUM), (Master Thesis)
Zum Thema: Characterization of Putative *Aspergillus niger* D-Galacturonic Acid Transporters in Heterologous Systems

11:00 – 11:20 Uhr M. Sc. Sophia Seidl, MA Molecular Biotechnology (TUM), (Master Thesis)
Zum Thema: Evaluation of Trichoderma Isolates and Their Potential As Biocontrol Agents Against the Plant Pathogen *Claviceps purpurea* in Cereal Crops



Impulsvortrag / Food for thoughts

11:20 – 11:40 Uhr M. Sc. Anna Sander-Titgemeyer, Lehrstuhl für Holzwissenschaft
Zum Thema: Biogenic carbon calculation and its effect on the global warming impact

Pause / Break 60 min

Themenblock: **Holztechnologie / Wood Technology**

12:45 – 13:05 Uhr M. Sc. Markus Eichhorn, Civil Engineering (TUM), (Master Thesis)
Zum Thema: Strength analysis of beech glulam regarding the homogenization effect

13:05 – 13:25 Uhr M. Sc. Yinyu Tian, MA Civil Engineering (TUM), (Master Thesis)
Zum Thema: Mechanical behavior and failure mode analysis of timber joints with wooden dowels

13:25 -13:45 Uhr M. Sc. Mohamed Abdelsabour, MA Civil Engineering (TUM), (Master Thesis)
Zum Thema: Finite element Numerical modelling of stress wave propagation in glulam with inhomogeneities and its experimental validation

