

Holzwissenschaftsseminar II SoSe23

Freitag, 14. Juli. 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. Klaus Richter**
Lehrstuhl für Holzwissenschaft / Chair of Wood Science

Themenblock: **Holzwerkstoffe / Wood Composites**

10:10 – 10:25 Uhr Sanjar Khan, BA Forest Science and Ressource Management (TUM),
(Bachelor Thesis)
Zum Thema: Determination of the mechanical properties of solid wood and plywood under bending test by digital image correlation method

10:25 – 10:45 Uhr M.Sc. Jenifer Guerrero Parra, MA (TUM), (Master Thesis)
Zum Thema: Wood-based Water Filtration Systems

10:45 – 11:15 Uhr Dr. Ahilan Manisekaran, Chair of Wood Science, (Review PhD Thesis)
Zum Thema: Unlocking Kraft Lignin's Potential: Nanoparticle Self-assembly and Inherent Property Investigations



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

11:15 – 11:35 Uhr Veronika Schönrock, MA Biology (TUM), (Master Thesis)
Zum Thema: **Aspergillus niger Strain Engineering for Production of Xylitol from Arabinose**

Mittag / Lunch

Themenblock: **Stoffstrommanagement/ Life Cycle Analysis**

12:45 – 13:05 Uhr B. Tech. Vijhay Krishna Mahenthren, MA Sustainable Ressource Management (TUM), (Master Thesis)
Zum Thema: **Comparative prospective LCA of hardwood lignin-based and fossil-based carbon fibers**

13:05 – 13:25 Uhr M.Sc. Annalena Müller, MA Sustainable Resource Management (TUM), (Master Thesis)
Zum Thema: **Comparative prospective life cycle assessment of hardwood laminated veneer lumber ceiling and reinforced concrete ceiling**

Themenblock: **Rohstoff- und Produktchemie / Raw Material and Product Chemistry**

13:25 – 13:55 Uhr M.Sc. Laura Lautenschläger, Chair of Wood Science, (PhD project)
Zum Thema: **Utilization potentials for hardwoods as raw material for biorefinery processes**

