



Universität Stuttgart
Institute of Construction Materials

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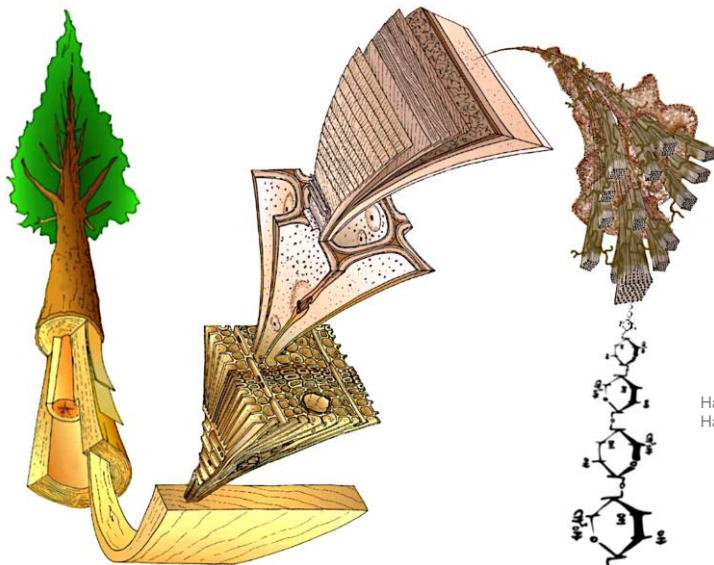
Lecture day: Thursday
Time: 15:45–17:15 pm
Location: PWR 4,
Seminar room 1st floor
Period WS: 20.10.2022–09.02.2023
ECTS: 3

For M.Sc. COMMAS and ITECH: As part of a two-semester module (6 ECTS)
“Wood Physics and Engineered Wood products”
Taking place in winter semester 22/23 and summer semester 23 (optional for M.Sc. Civil. Eng. And Iul)

Wood Physics

Winter semester 2022/23

M.Sc. Civil Engineering
M.Sc. Real Estate Engineering and Management
M.Sc. Computational Mechanics of Materials and Structures
M.Sc. Integrative Technologies & Architectural Design Research



Harrington J.J.,
Harrington M.

Content

- The resource wood
- Wood structure and function, wood biology, wood chemistry
- Wood-water interaction
- Mechanical and physical properties of wood
- Engineered wood products and processing
- Durability and non-destructive testing
- Wood modification and functionalization