

# Deepen and expand the wood structure-properties relationship (木材の構造-物性相関の深化)

Date: 2023/10/5 (Thu)

Venue: Wood Composite Hall (3<sup>rd</sup> floor), Research Institute for Sustainable Humanosphere,  
Kyoto University (Uji campus)

Official language: English

## Program

### - Structure / 構造 -

13:30-14:45: Yoshiharu Nishiyama (CERMAV, CNRS, France)

Work of swelling of wood and non-ionic polysaccharides:  
thermodynamics and molecular origin

14:45-15:30: Paavo Penttilä (Aalto University, Finland)

Moisture interactions of microfibril structures in wood studied  
with combined scattering and modelling

### - Physical Properties / 物性 -

15:45-16:30: Soichi Tanaka (Kyoto University)

Understanding of wood structure for controlling physical  
properties of new wood-based material

16:30-17:15: Hiroyuki Yamamoto (Nagoya University)

The unique behavior of reaction wood is the key to  
understanding the structure-function relationship of wood