

We are a leading research institute in the area wood and wood-related renewable resources in Europe. Our core competences are materials research and process technology along the complete value chain – from raw material to finished products. We develop methods and basics and perform applied research on the economy-science interface in order to enable resource-efficient management in the circular bioeconomy.

In collaboration with the company partner Lenzing AG we offer the opportunity to elaborate a

## **Master Thesis (f/m/d)**

### **Simulation in pulp production**

These fascinating research issues are waiting for you:

- Calculation of heat and mass balances in pulp production
- Application of the in-house simulation tool
- Dynamic simulation and evaluation of the models using production data
- Analysis of the impact of relevant factors on process efficiency

#### **Your qualification:**

- Degree in chemical engineering, process technology or related
- Experience in simulation (Aspen+, winGEMS, Cadsim+,...)
- Affinity towards pulp and fiber production
- Interest in research on production-relevant and sustainable systems
- Reliability, flexibility and independence

#### **Your benefits:**

- An international, motivated team and a highly active scientific environment
- Work in basic and industry-related projects
- Modern laboratories and pilot plant facilities
- Numerous professional and varied training and development opportunities
- Responsible and versatile field of activity
- Attractive working environment
- Variety & no boredom
- Excellent working atmosphere in a committed team
- Allowance EUR 530,00/month
- Start from September 2025 or later

#### **Place of employment:**

Lenzing (Upper Austria)

#### **Contact:**

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We are looking forward to your detailed application by e-mail: [d.aigner@wood-kplus.at](mailto:d.aigner@wood-kplus.at)