

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)

Topic: Membrane technologies as an energy-efficient alternative to thermal evaporation for the recovery of water

These fascinating research issues are waiting for you:

- Application of pressure-driven and pressure-free membrane technologies
- Recovery of process water from various effluents of the viscose fiber production
- Analysis of the impact of the relevant factors on process efficiency
- Up-scaling of the lab setup for industrial applicability tests

Your qualification:

- Degree in process engineering, chemistry or physics
- Theoretical and practical understanding of membrane separation processes
- 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 varied 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

Location:

Lenzing (Upper Austria)

Contact:

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Area Biorefinery Processes & Composite Materials

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