

We are a leading research organisation 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.

We offer the opportunity to elaborate a

## Master Thesis (f/m/d)

Topic: Production of lignin-furandicarbaldehyd-resin with modified lignin for industrial applications

These fascinating research issues are waiting for you:

- Investigation of several lignin degradation products for resin production at different pH values
- Curing tests of the resulting resins
- Characterisation of obtained resins by standardised methods
- Evaluation of new products for industrial applications

Your qualification:

- Student in chemistry, process engineering or biological sciences
- Theoretical and practical understanding of organic chemistry
- 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 training and development opportunities
- Responsible and varied field of activity
- Attractive working environment
- Excellent working atmosphere in a committed team
- Allowance EUR 500,00 per month
- Possible starting dates: 01.09.2024

Place of employment:

Linz (Upper Austria)

Contact:

Elisabeth Eßbichl

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