

As a non-university research institution and a K1 COMET center, Wood K plus operates at the interface between business and science to support this green transformation. The research results are applied where innovation and sustainability are of importance. To implement these research findings, we need creative and bright minds who think outside the box and want to develop and advance the field of bio-economy.

Thus, we are offering a:

PhD position (f/m/d)

Your responsibility:

- You are responsible for leading and managing your dissertation project: "Impact of Moisture, Temperature, and Sizing Agents on the Mechanical and Surface Properties of Kraft Paper: A Comprehensive Study of Environmental Resilience"
- You are responsible to solve research questions related to the interaction between moisture, temperature and sizing agents and their combined influence on the stretch behavior, structural integrity and surface coatability of Kraft paper
- You are responsible for planning and carrying out experiments in lab-scale e.g.
 - Development of standard handsheet techniques
 - Analysing technological properties (e.g. tensile Strength, stretch behavior, bursting strength)
 - Fiber and Sizing Analysis
 - Chemical Characterisation
- You are responsible for achieving the project's content-related goals
- You present the results at national and international conferences and write scientific publications

Your qualification:

- University degree (chemistry, technical chemistry, process engineering, materials science or comparable education)
- Experience in analytical work
- Experience/ interests in paper making processes
- Experience in handling research projects is desirable but not a mandatory requirement
- Good written and spoken English skills
- Creativity, motivation and ability to work in a team
- Initiative, independence and self-organisation

Your Benefits:

- Completion of a doctoral programme is desired
- Opportunities to work in a dynamic team
- Work in an industry-related project
- Modern laboratory equipment
- Independent and varied work and collaboration with company partners
- Flexible and family friendly working hours
- Completion of a doctoral programme and extensive opportunities for further training
- Gross monthly salary based on 40h/week of EUR 2.700,00 (14 x per year) depending on qualifications and previous experience

Place of employment:

St. Veit/Glan

Contact:

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Please send your application via e-mail to: E-Mail: e.zikulnig-rusch@wood-kplus.at