

The Polymer Competence Center Leoben GmbH (PCCL) is the leading Austrian center for cooperative research in the field of polymer technology and polymer science. In collaboration with companies in the polymer industry and numerous academic institutions, our around 100 highly-qualified employees jointly work in R&D projects on innovative polymer solutions for a wide range of applications, including the whole rubber composite process chain from the materials design, over processing to material characterization. We currently aim to strengthen our team and offer a

Researcher position in the field of “Reliability and long-term performance of functional thermosets and their fiber-reinforced composites” (JOB ID 20250805 (f/m/x))

Tasks

- Development of functional thermosets
- Preparing neat resin and fiber-reinforced composite specimens
- Detailed study of the ageing stability of dynamic polymer networks and their composites
- Investigation of the fatigue behaviour of fiber-reinforced dynamic covalent polymer networks
- Evaluation of the aging behaviour of frontally polymerizable epoxy-based fiber-reinforced composites
- Close cooperation with national and international scientific project partners
- Communication of research results to the scientific community (e.g. papers in peer-reviewed journals, oral/poster presentations at national and international conferences)

Required skills

- Completed Master degree in the field of polymer engineering or materials science
- Knowledge in the field of polymer science and polymer characterization is mandatory
- Experience in material characterization of fiber reinforced composites
- Structured and independent way of working
- Personal initiative, reliability, responsibility, teamwork, and communication skills with the ability to interface with company partners and other researcher organizations
- Fluent proven domain of English language is mandatory, basic knowledge of German is an advantage

We offer

- Collaboration in a highly-motivated multi-disciplinary team with excellent contacts to industry as well as to national and international research organizations
- Gross income € 3.907,- (for a classification as a PhD candidate; full-time employment, 14 times a year)
- Flexible working conditions
- Possibility to perform a PhD thesis
- Start of employment – 01.11.2025
- We aim to increase the number of women in our organization and would be happy to fill this position with a female researcher
- We value diversity and therefore welcome all applications - regardless of gender, identity, nationality, ethnic and social origin, religion/belief, disability, age or similar

Contact

Please send your application (motivation letter, CV) along with copies of your certificates and diplomas to jobs@pccl.at, indicating the Job-ID 20250805. If you have any technical questions regarding the job advertisement, please contact markus.wolfahrt@pccl.at.