Join our team
Researcher position

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. We currently aim to strengthen our team and offer a

**Researcher position in the field of „Polymer physics“ (Job-ID: 20180430)**

**Tasks: „Nanoindentation of polymers“**
- Supervision and handling of Nanoindentation device
- Establishment of optimized characterization methods and test procedures for mechanical properties of polymers using nanoindentation
- Comparative mechanical and thermo-mechanical characterization of selected polymers
- Development of a modified contact model suitable for different polymeric samples (thermoplasts, elastomers, thermosets, composites)
- Optimization of indentation tips for use on polymeric samples
- Self-organized planning, evaluation and coordination of the theoretical and experimental work
- Communication of research results to the scientific community (e.g. journal papers, conference proceedings)
- Support of bachelor- and master students

**Required skills:**
- Above average master’s degree in material science, polymer engineering, technical physics or similar education
- Profound knowledge in polymer physics and material testing with special focus on thermo-mechanical and mechanical properties
- Experience in material modelling is favored
- Matlab and programming skills are an advantage
- Personal initiative, skills for self-organization and teamwork, effective communication skills with the ability to interface with partner companies and other researchers
- Fluent in spoken and written English is mandatory
- Applicants with German skills are preferred

**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 € 2,840,- (for a classification as a PhD candidate; full-time employment, 14 times a year)
- Flexible working hours
- Possibility to perform a PhD thesis

**Contact:**
Please send your application (motivation letter, CV) along with copies of your certificates and diplomas to jobs@pccl.at, indicating the Job-ID 20180430. Polymer Competence Center Leoben GmbH; DI Dr. Gernot Oreski; Roseggerstrasse 12, 8700 Leoben.