

144. Job Advertisement – One vacant position for a full-time Project Researcher (m/f/d) at the Chair of Polymer Processing, in the Department Polymer Engineering and Science - Reference ID: 2402WPJ

One vacant position for a full-time Project Researcher (m/f/d) at the Chair of Polymer Processing, in the Department Polymer Engineering and Science - Start from the earliest possible date in a fixed-term employment relationship until the end of 31.12.2027. Salary Group B1 according to the Uni-KV, monthly minimum salary excl. Szlg.: € 3.578,80 for 40 hours per week (14 x per year), actual classification is according to previous relevant experience.

Requirements:

- University degree (Dipl.-Ing./MSc.) in the field of plastics technology or equivalent education in terms of the desired qualifications.
- Sound knowledge in the field of plastics processing (injection molding, compounding, material characterization relevant to processing)
- Very good written and oral English skills
- Confident handling of standard PC software (MS Office)

Desired qualities and additional qualifications:

- Experience with injection molding simulation software (ideally Moldflow)
- Basic programming skills (ideally Python)
- Initiative and responsibility
- Independent and systematic way of working
- Enjoy interdisciplinary work, scientific curiosity, high willingness for further education, humorous, team and communication skills
- German language skills are of advantage

Fields of activity:

You will be responsible for the independent scientific research of issues relating to the injection molding production of in-mold electronics (both experimentally and by means of simulation) as part of an EU project.

Your tasks will include the planning, implementation, evaluation and coordination of theoretical scientific and experimental work. In particular, the further development of simulation methods by using self-programmed interfaces to the commercial injection molding simulation software Moldflow as well as the experimental validation of the simulation results are your core tasks. In addition, you will contribute to solutions for improved sustainability and recyclability of the products developed in the project. Furthermore, your tasks will include general work tasks within the framework of the Chair's organization as well as collaboration in teaching (especially in laboratory exercises on plastics processing), supervision of academic work and writing scientific publications.

There is the possibility to write a dissertation.

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End of Application: 15.03.2024

The Montanuniversitaet Leoben intends to increase the number of women on its faculty and therefore specifically invites applications by women. Among equally qualified applicants, women will receive preferential consideration.

For the application please use the online form on the homepage:

<http://www.unileoben.ac.at/jobs>

Der Rektor:

Univ.-Prof. Dipl.-Ing. Dr.mont. Dr.-Ing. E.h. Peter Moser

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