

One vacant position for a

## full time project assistant

at the Department of Polymer Engineering and Science (Chair for Designing Plastics and Composite Materials) to be filled by October 1<sup>st</sup>, 2018 for a 3 year fixed-term employment (Salary group B1 of the Austrian labor agreement, monthly minimum salary excl. supplements € 2.794,60 for 40 hours per week (14x per year), actual salary classification will be according to relevant previous work-experience).

**Topic:** Aim of the project is the development of simulation methods based on the finite element method (FEM) for predicting the acoustic behavior of aerospace components in order to develop improved material and component concepts. For this purpose, the behavior of the hierarchically structured sandwich structures will be investigated and optimized at the micro and macro level, as needed new modeling methods will be implemented. The work is embedded within the young, dynamic team of the chair with a clear focus on the method-based development of fundamental knowledge.

**Requirements:** Master's Degree in a relevant field (Polymer Science, Mechanical/Aeronautic Engineering, Physics, or similar); proficiency in the English language (spoken and written).

**Additional qualifications:** Experience with Finite Element simulation and programming; knowledge relevant to the project topic, knowledge of German language.

**Assets:** Motivation, initiative and responsibility; ability to work independently; team skills; interest in scientific research and publication; commitment to obtain a doctoral degree.

Questions may be addressed to Prof. Clara Schuecker: [verbund@unileoben.ac.at](mailto:verbund@unileoben.ac.at)

**Reference:** 1807WPH

**Application Deadline:** Aug. 24<sup>th</sup> 2018

The Montanuniversität Leoben aims to increase the number of female employees and therefore specifically invites qualified women to apply. Women with the same qualification as the most suitable competitor are given priority.

For the application please use the online form on the homepage: <http://www.unileoben.ac.at/en/2780>.