

**Two positions Research Assistant – Vgr. Ila BAT (Anwendungs-TV Berliner Hochschulen) – for 5 years**

**School III – Department of Materials Science and Engineering – Chair of Materials Engineering**

**Kennziffer: WM-827** (Closing date for applications: 23.10.2008)

**Working field:** At the Chair of Materials Engineering, research is performed on the mechanical behaviour of metals and hierarchical materials. Current work focuses on the corrosion and fatigue behaviour of magnesium alloys, the interaction of metal implant materials with biological media, and the fatigue behaviour of biological, hierarchically structured materials. Besides research, the post involves teaching of undergraduate students in materials science.

**Requirements:** As a successful candidate you should hold a Diploma or Master's Degree in materials science and engineering, physics, mechanical engineering, or a related university degree course. In each case, an excellent background in material science is required. A PhD in Material Science is preferred. You should have experience or be interested in one or several of the following topics: structure-property-relationship of light metals; mechanical, especially fatigue, and corrosive properties of metals (mainly magnesium and titanium alloys); mechanical properties of hierarchical materials. Excellent knowledge in English and/or German is required.

We invite candidates to send their complete application including the usual documents (please state **the key number**) per mail or as pdf via email to:

**Prof. Dr.-Ing. Claudia Fleck, Fachgebiet Werkstofftechnik – Sekr. EB13, Technische Universität Berlin, Str. des 17. Juni 135, 10623 Berlin, Germany; claudia.fleck@tu-berlin.de.**

Weitere **Informationen zur Stelle** erteilt Ihnen:

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