

02.02.16 ΤΗ. Μερ/κω/ Σπουδών @ Ερευνας ΔΕΠ
TU BERGAKADEMIE FREIBERG

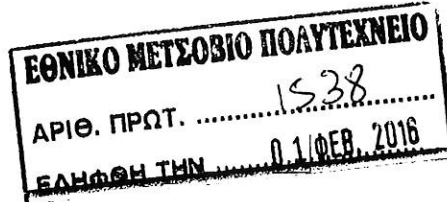
TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG

The University of Resources. Since 1765
Institute of Mechanics and
Fluid Dynamics
Prof. Dr. rer. nat. habil.

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Date: January 27, 2016

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International Master Program Computational Materials Science

Dear Madam or Sir,

since your University or your faculty is already a partner of TU Bergakademie Freiberg, Germany, we would like to introduce you to our International Masters Program "Computational Materials Science" as career opportunity. This program is a great chance for your graduate students in the field of Mechanical Engineering, Solid State Physics, Materials Science or comparable studies.

Today, more than ever, talented engineers that are best equipped with basic knowledge in natural sciences and skills in informatics are essential to provide answers to both the fundamental scientific questions and the technological needs of our society. One important issue is the development, processing and application of new high-tech materials with innovative mechanical, thermodynamic and electronic properties. These goals require predictive simulation tools to understand and to design the structure and properties of materials at all length scales. Nowadays, powerful numerical methods and computing facilities allow to simulate material behavior starting from the atomic level over discrete microstructures up to very large engineering components. The English taught program Computational Materials Science provides the unique opportunity to explore a wide range of length scales through an interdisciplinary curriculum.

TU Bergakademie Freiberg with almost 6.000 students is located in the charming medieval city Freiberg, has an excellent staff-student-ratio and does not charge tuition fees.

With kind regards

Prof. Dr. rer. nat. habil. Meinhard Kuna

Enclosure: Information material for your students