

DFG Priority Programme SPP-1420: Biomimetic Materials
Research: Functionality by Hierarchical Structuring of Materials

Postdoc position for 2 years

opening immediately in

Leoben (Austria)

Hierarchically structured porous ceramics from nanocasting of plant cell walls

We seek

a highly motivated Postdoc (f/m) for an interdisciplinary project in collaboration with the University of Erlangen/Nürnberg and the Max-Planck Institute of Colloids and Interfaces in Potsdam. The research topics include:

- Synthesis, multiscale structure characterization, and mechanical properties of hierarchical ceramics and composites derived from plant cell wall templating.
- Porosity characterisation and adsorption studies of these materials.

We expect

- A background in Materials Science, Materials Physics or Materials Chemistry, as well as some experience with X-ray and/or neutron scattering techniques.
- Good writing and excellent verbal communication skills, the ability to interact with a diverse group of scientists and technical staff, and the ability to work independently.
- The candidate should be ready to travel and to spend part of the working time at the Partner Institutions in Germany and at Large Scale Synchrotron Radiation and Neutron Facilities in Europe

Please send your significant application with corresponding documents of qualification to (email applications are welcome):

Univ. Prof. Dr. Oskar Paris

Leoben, July 2009

Institute of Physics

University of Leoben

Franz-Josef-Straße 18, A-8700 Leoben,
Tel.: +43 3842 402-4600, Fax-DW: 4602
oskar.paris@unileoben.ac.at

