

Stellenausschreibung

Reg.-Nr. 313/2020
Fristende 10.11.2020



**FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA**

The Friedrich Schiller University Jena connects: People and ideas, science and business, universities and non-university research. Rooted in the heart of Germany and linked to the whole world, it shapes Jena's character as a future-oriented and cosmopolitan city.

At the Otto Schott Institute of Materials Research, we explore fundamental aspects, synthesis, structure-property correlations and applications of hard materials, with a special focus on non-crystalline solids and glasses. As part of a collaborative effort funded by the Carl Zeiss Foundation within its Breakthrough Program “Intelligent Substrates from hybrid, multiresponsive materials”, we are now inviting applications for a

Research Associate in materials science (m/f/d)

starting on or before February 1st, 2021.

Your tasks:

- The research focus of this position is on new concepts for high-throughput synthesis and characterisation of novel non-metallic/inorganic and hybrid materials (in particular, glasses) using modern 3D-printing technologies
- Research tasks involve material synthesis, exploration of optical, chemical and mechanical properties and kinetic processes (in particular, switching and tuning of material properties through external stimuli such as light or magnetic fields), and the deduction of structure-property correlations

Requirements

- An above average Master's degree in a field relevant to the research area, e.g., Materials Science and Engineering, Solid State Physics, or Chemistry.
- Enthusiasm and willingness to do interdisciplinary work
- Highly self-motivated, creative, and goal-oriented personality
- Excellent written and oral communication skills in English

We offer

- the opportunity to become part of a world-class research team, get exposed to modern research tools and methodology, and generous funding opportunities for research visits and conference participation on international level
- a doctoral position according to TV-L E13 (50%; 20 hour per week) for three years
- comprehensive doctoral training including courses, summer schools, and workshops
- a vibrant research atmosphere, depending on personal focus with integration in the "Abbe School of Photonics" or other graduate programs of FSU, and the possibility to interact with researchers from various fields
- a lively student city with many cultural opportunities



Severely handicapped people are given preference in case of equal professional qualifications and aptitude.

To be considered in the PhD program, please submit your application (including a motivation letter, CV and appropriate certificates for conducted studies and achieved grades) by November 10th 2020, mentioning the registration number 313/2020 to:

glas@uni-jena.de

Prof. Dr.-Ing. Lothar Wondraczek
Friedrich-Schiller-Universität Jena
Chemisch-Geowissenschaftliche Fakultät
Otto-Schott-Institut für Materialforschung
Professur für Glaschemie
Fraunhoferstrasse 6
07743 Jena

The Friedrich Schiller University Jena is committed to ensuring an environment that provides equal opportunities and promotes diversity as well as a good balance between university and family life.

Please refer to the notes on: www.uni-jena.de/stellenmarkt_hinweis.html. Please also note the information on the collection of personal data on: www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis