

# Department Werkstoffwissenschaften

## Werkstoffwissenschaftliches Kolloquium WS 2022/2023

Jeweils Dienstag,  
16.00 Uhr

Bernhard-Ilschner-  
Hörsaal (H14),  
Martensstr. 5-7, Erlangen

Oder via Zoom:



**08.11.2022**

Dr. Martin Kilo (in Präsenz)

Fraunhofer Institute for Silicate Research ISC, Würzburg

**Glass Screening for the systematic development of new glasses**

**29.11.2022**

Dr. Christiane Stephan-Scherb (in Präsenz)

Bundesamt für die Sicherheit der nuklearen Entsorgung (BASE), Berlin

Referat F 3: Sicherheitsforschung für die Entsorgung radioaktiver Abfälle

**Corrosion meets advanced X-ray analytics - new approaches to answer old questions**

**10.01.2023**

Prof. Dr. Juan Ramón Morante (virtuell)

Director of IREC (Institute for Energy Research of Catalonia), Head of Advanced Materials for Energy Area, Barcelona, Spain

**The role of materials research in the deployment of hydrogen**

**17.01.2023**

Prof. Dr. Olga Kasian (in Präsenz)

Department of Materials Science and Engineering, I-MEET, FAU, and Helmholtz-Institute Erlangen-Nürnberg for Renewable Energy (HI ERN)

**Towards a comprehensive understanding of electrocatalysts' stability at the atomic scale**

**24.01.2023**

Dr. Tobias Christoph Brunner (in Präsenz)

HYNERGY GmbH, Grasbrunn, Germany

**The role of Green Hydrogen for decarbonizing energy and mobility**

**31.01.2023**

Prof. Dr. Pascal Friedrich (in Präsenz)

Artificial Intelligence for Materials Science, Department of Computer Science & Institute of Nanotechnology, Karlsruhe Institute of Technology (KIT)

**Machine Learning for Accelerated Materials Simulation and Discovery**

**07.02.2023**

Prof. Dr. Christof Wöll (in Präsenz)

Institute of Functional Interfaces, Karlsruhe Institute of Technology (KIT)

**Assembling Multifunctional Designer Solids from Molecular Building Blocks: The SURMOF Approach**