RUB-SEMINAR

MATERIALS SCIENCE
AND TECHNOLOGY

Period: Summer Semester 2015, Time: Thursday at 4:00 p.m.  Venue: RUB, IC03 – 112

<table>
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<th>DATE</th>
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| 16. April| Prof. Bruce Parkinson, University of Wyoming, Discovering materials for solar energy conversion  
Host: A. Ludwig |
| 7. May   | Dr. Sergiy Divinskiy, Universität Münster, Diffusion in High Entropy Alloys  
Host: I. Steinbach |
| 18. June | Dr. Ruth Schwaiger, KIT Karlsruhe, Cyclic contact deformation of metallic materials investigated by instrumented indentation  
Host: G. Eggeler |
| 25. June | Dr. Christoph Kirchlechner, MPIE Düsseldorf, New light shed on the dislocation-grain-boundary interaction  
Host: E. George |
| 2. July  | Prof. James Kermode, University of Warwick, Multiscale modelling of materials chemomechanics: from catastrophic brittle fracture to stress corrosion cracking  
Host: R. Drautz |
| 9. July  | Prof. Christoph Broeckmann, RWTH Aachen, FEM simulation in materials engineering – case studies in the field of heat treatment and life time prediction  
Host: W. Theisen |
| 16. July | Dr. Ulrich Krupp, Hochschule Osnabrück, Very high cycle fatigue of engineering alloys  
Host: A. Hartmaier |
| cancelled! will be shifted to fall 2015 |

The Materials Science and Technology Seminar is jointly organized by ICAMS (Interdisciplinary Centre for Advanced Materials Simulation), the IfM (Institute for Materials) and ZGH (Centre for interface dominated high-performance materials). Members of the RUB Materials Research Department MRD and of the DGM Regionalforum Rhein-Ruhr are cordially invited to participate in the seminar. For further information, please contact: Christa Hermichen, christa.hermichen@rub.de, phone: +49 234 32 29310.