



Period: Sommer Semester 2016, Time: Thursday at 4:00 p.m. Venue: RUB, IC04 – 408/410

DATE	GUEST / TITLE
21 April 2016	Prof. Dr.-Ing. Jörg Weissmüller, Institut für Werkstoffphysik und Werkstofftechnologie, TU Hamburg-Harburg Solid Surfaces - Impact on Mechanics and Mechano-Chemical Coupling in Small-Scale Systems <i>Host: A. Hartmaier</i>
19 May 2016 IC 04/408	Dr. Michael Titus, MPIE GmbH, Düsseldorf, Abteilung Mikrostrukturphysik und Legierungsdesign On the role of planar faults during creep of single crystal superalloys with gamma / gamma prime microstructures <i>Host: G. Eggeler</i>
02 June 2016 IC 04/410	Dr. Andriy Zakutayev, National Renewable Energy Laboratory (NREL), Golden, Colorado Laboratories and Offices, USA Metastable materials by design: phase diagrams of heterostructural semiconductor alloys <i>Host: A. Ludwig</i>
23. June 2016 IC 04/ 410	Assist. Prof. Alvaro Ridruejo, Universidad Politécnica de Madrid On the mechanical behavior of nonwovens <i>Host: I. Steinbach</i>
30 June 2016 IC 04/ 410	Herr Prof. Dr.-Ing. habil. Mirko Schaper, Vorstand Institut für Leichtbau mit Hybridsystemen, Leitung Lehrstuhl für Werkstoffkunde, Universität Paderborn Leicht und hochfest direkt aus der Schmelze: Gießwalzen am LWK <i>Host: W. Theisen</i>
7 July 2016 IC 04/ 410	Dr. Chu Chun Fu, Service de Recherches de Métallurgie Physique, CEA/Saclay, 91191 Gif-sur-Yvette Cedex, France Interaction and diffusion of solutes in Fe alloys: new insights from first principles <i>Host: R. Drautz</i>
14 July 2016 IC 04/ 410	Dr. W. Wei, Senior conservation scientist, Rijksdienst voor het Cultureel Erfgoed Amsterdam, The Netherlands Engineering solutions for the conservation of cultural heritage <i>Host: E. George</i>

The *Materials Science and Technology Seminar* is jointly organized by ICAMS (Interdisciplinary Centre for Advanced Materials Simulation), the IFW (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: Grace Raatz, raatz@wtech.rub.de, phone: +49 234 32 25952.