



**Period: Summer Term 2017; Time: 4:00 p.m.; Venue: RUB, IC 04/408**

Date	Guest/Title
27 April 2017	<p><b>Dr. Eric Jägler,</b>  <b>Max-Planck-Institut für Eisenforschung, Düsseldorf</b>            Phase transformation phenomena in alloys produced by laser additive manufacturing. (<i>Host: G. Eggeler</i>)</p>
11 May 2017	<p><b>Prof. Dr. Markus Rettenmayr,</b>  <b>Otto Schott Institute of Materials Research, Friedrich-Schiller-University Jena</b>            Phase separation and demixing in a temperature gradient - experiments and simulation. (<i>Host: I. Steinbach</i>)</p>
22 June 2017	<p><b>Dr. Peter Derlet</b>  <b>Paul Scherrer Institute, Villigen, Switzerland</b>            Low energy structural excitations in amorphous solids, and their role in relaxation and plasticity (<i>Host: R. Drautz</i>)</p>
29 June 2017	<p><b>Dr. Hendrik Hölscher</b>  <b>Institute of Microstructure Technology, Karlsruhe Institute of Technology</b>            Nanostructured surfaces inspired by nature (<i>Host: A. Ludwig</i>)</p>
06 July 2017	<p><b>Dr. Erica Lilleodden,</b>  <b>Experimental Materials Mechanics, Helmholtz-Zentrum Geesthacht</b>            Nanoporous gold: 3D structural analyses of RVEs and their implication on scaling relations of mechanical behavior (<i>Host: A. Hartmaier</i>)</p>

The *Materials Science and Technology Seminar* is jointly organized by ICAMS (Interdisciplinary Centre for Advanced Materials Simulation) and the IfM (Institute for 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: Mrs. Christa Hermichen [christa.hermichen@rub.de](mailto:christa.hermichen@rub.de), phone: +49 234 32 29310.