



Period: Winter Term 2021/22

Time: Thursdays at 12.00 Venue: RUB, online

The corresponding Zoom links are communicated by the hosts

DATE	GUEST/TITLE
December 16, 2021	<p>Prof. Lais Mujica Roncery, Pedagogical and Technological University of Colombia Metallurgy in Colombia: current state and challenges towards sustainability <i>Host: S. Weber</i></p>
January 13, 2022	<p>Prof. Dr.-Ing. Hauke Springer, RWTH Aachen Development of high modulus steels: Maturation from combinatorial screening towards industrial application <i>Host: G. Eggeler</i></p>
January 20, 2022	<p>Prof. Dr. Francesco Maresca, University of Groningen Efficient discovery of novel high-strength "high entropy" alloys by multi-scale modelling. <i>Host: M. Stricker</i></p>
January 27, 2022	<p>Prof. Dr. Oliver Gutfleisch, TU Darmstadt Magnetic materials for efficient energy conversion <i>Host: A. Ludwig</i></p>
February 3, 2022	<p>Prof. Dr.-Ing. Martina Zimmermann, TU Dresden Fatigue behaviour "caught" between material physics based damage phenomena and influences from process history <i>Host: A. Hartmaier</i></p>

The *Materials Science and Technology Seminar* is jointly organized by the IM (Institute for Materials) and ICAMS (Interdisciplinary Centre for Advanced Materials Simulation). 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: Dr. Manuel Piacenza, icams@rub.de, phone: +49 234 32 25480.