



MRD Members' Assembly and Materials Chain Seminar

November 28th, 2022

RUB Convention Centre - room 3

- 1:45 p.m. Registration and Coffee
- 2:00 p.m. **Ralf Drautz** - Report on past and future MRD activities
- 2:10 p.m. **Alfred Ludwig** - Report on excellence initiative progress and UA Ruhr
Research Center FEMS
- 2:20 p.m. **Introductory presentations by MRD membership candidates**
- 2:20 p.m. **Michael Scherer** (Physics)
Quantum many-body theory for correlated moiré materials
- 2:40 p.m. **Jonathan Lentz** (Materials Technology)
*Powder and Medical Metallurgy at the Chair of Materials
Technology*
- 3:00 p.m. **Hermann Monstadt** (Materials Technology)
*Materials-based product innovations in neurovascular stroke
therapy- Coatings for technical-biological surfaces –*
- 3:20 p.m. Admission of membership candidates
- 3:25 p.m. Any other business
- End of members' only assembly**
- 3:40 p.m. Coffee
- 4:00 p.m. **Materials Chain Seminar: „Materials and Energy: Challenges and Opportunities“**
- 4:00 p.m. **Thomas Bein** (Excellence-Clusters e-conversion)
Strategy and Research of the cluster of excellence e-conversion
- 4:45 p.m. **Christof Paar** (Excellence-Cluster CASA)
Looking Back on Three Years of Running an EXC in Cybersecurity
- 5:30 p.m. Closing