



INTERDISCIPLINARY CENTRE FOR  
ADVANCED MATERIALS SIMULATION

- 05.11. Gabriele Cacciamani, University of Genova, Italy  
Thermodynamic modelling of intermetallic systems with structural ordering:  
Co-Ni-Ti as an example
- 12.11 Didier Blavette, Université de Rouen, St Etienne du Rouvray, France  
Atom Probe Tomography in materials science
- 19.11. Tikana, Ladj, Deutsches Kupferinstitut Berufsverband e.V. Düsseldorf, Germany  
Research on copper – Current and future challenges
- 26.11. Yauheni, Paulechka, Belarussian State University, Minsk, Belarus  
Study of heat capacity and phase equilibrium: properties by calorimetry and Monte Carlo  
simulations
- 03.12. Benoît, Appolaire, Laboratoire d'étude des microstructures, Châtillon Cedex, France  
Phase field and plasticity
- 10.12. Christian, Jungnickel, Gdańsk University of Technology, Gdańsk, Poland  
Microphases and their thermodynamics – using ionic liquid as an example
- 17.12. Karsten Albe, Technische, Universität Darmstadt, Germany  
Grain boundary plasticity in nanocrystalline alloys studied by hybrid MD/MC simulations:  
Coupled motion versus grain boundary sliding and dislocation slip
- 07.01 Alessandro, Mottura, University of Birmingham, United Kingdom  
Phase stability and dislocation shear resistance of the  $\gamma'$  phase of Co-Al-W-based alloys
- 14.01 Matthieu Verstraete, Université de Liège, Belgium  
Ab initio prediction of thermoelectrical properties of materials
- 21.01. Frederic, Soisson, Service de Recherche de Métallurgie Physique, Saclay, France  
Kinetic Monte Carlo simulations of decomposition in Fe-Cr alloys
- 28.01. Hans Jürgen, Maier, Institut für Werkstoffkunde Leibniz Universität Hannover  
In-situ observation of microstructure-dependent local strain evolution

The seminar takes place on **mondays, at 4:30 p.m.**

in the **ICAMS seminar room 0.08**, Universitätsstr. 90a 129, 44789 Bochum

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