



Minisymposium on

Rising Stars

Monday 24.11.2008

Seminar Room, EAM, Nägelsbachstr. 49 b, 90152 Erlangen

8:45 - 9:00 Wolfgang Peukert: *Welcome and introductory remarks*

9:00 - 9:45 Johannes Kiefer: *Laser Spectroscopy – from Sophisticated Gas Diagnostics to Applications in Advanced Materials*

9:45 - 10:30 Georg Heimel: *Design of Functional Organic/Inorganic Interfaces: Microscopic Insight from First-Principles*

10:30 - 10:45 Coffee Break

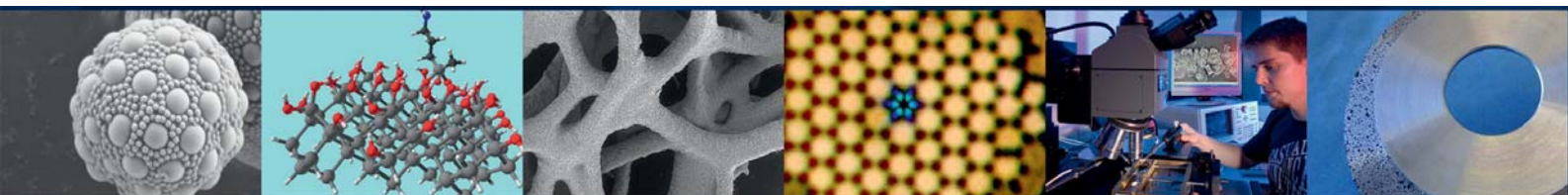
10:45 - 11:30 Florian Stadler: *Fast responsive micellar gels based on metallo-supramolecular interactions*

11:30 - 12:15 Lukasz Figiel: *Multi-scale modelling and simulation for performance enhancement of advanced materials*

12:15 - 13:15 Lunch Break

13:15 - 14:00 Dmitry Chigrin: *Light-matter interaction in nano-structured materials*

14:00 - 14:45 Robin Klupp Taylor (Industrial Liaison Program): *Particle-tailored Optical Properties*





Minisymposium on

Engineering Materials Awards

Tuesday 25.11.2008

Seminar Room, EAM, Nägelsbachstr. 49 b, 90152 Erlangen

8:30 - 8:45 Wolfgang Peukert: *Welcome and introductory remarks*

8:45 - 9:30 Sheshanath Bhosale: *Concept Transfers from Nature*

9:30 - 10:15 Rüdiger Eichel: *Nanoscale characterization of functional materials - defect structure and dynamics*

10:15 - 10:30 Coffee Break

10:30 - 11:15 Andrij Pich: *Nano-Structured Hybrid and Composite Colloids*

11:15 - 12:00 Giuseppe Milano: *Multiscale Modeling and Chemical Accuracy. Understanding Nanomaterials by Computer Simulations*

12:00 - 13:00 Lunch Break

13:00 - 13:45 André Schirmeisen: *From imaging to design: Atomic force Microscopy for nanoscale engineering of materials*

13:45 - 14:30 Maximilian Kreiter: *Plasmonic hybrid structures*

14:30 - 14:45 Coffee Break

14:45 - 15:30 Livan Fratini: *On the forming, stamping and joining of advanced sheet metals*

