

Plenarvorträge und FV-übergreifende Symposien Regensburg 2010

Plenarvorträge

Mo, 08:30–09:15

Response of live cells to mechanical stress — •Samuel Safran

Mo, 09:15–10:00

Mesoscopic Magnetic Measurements — •Kathryn A Moler

Mo, 13:00–13:45

Quantum degenerate Bose gases: Towards new frontiers with exciton-polaritons — Regis Andre, Jacek Kasprzak, Maxime Richard, and •Le Si Dang

Mo, 18:00–18:45

Organic Semiconductors: From Lab Curiosities to Products — •Karl Leo

Di, 08:30–09:15

NMR and MRI: Basic Physics for the Sake of Society — •Richard R. Ernst

Di, 13:00–13:30

Three-dimensional optical metamaterials — •Na Liu

Mi, 08:30–09:15

Catalytic model systems studied by high-resolution, video-rate Scanning Tunneling Microscopy — •Flemming Besenbacher

Mi, 13:00–13:45

Epitaxial graphene: a new electronic material — •Thomas Seyller

Mi, 20:00–21:00

Geht nicht gibt's nicht - der Wettlauf um den kleinsten Transistor und warum Handys immer kleinere Transistoren brauchen. — •Christoph Kutter

Do, 08:30–09:15

Complex Networks: From Statistical Physics to the Cell — •Albert-Laszlo Barabasi

Do, 13:00–13:45

Electronic Correlations in Models and Materials — •Dieter Vollhardt

Do, 18:00–18:45

Making and Breaking of Atomic Bonds in Carbon Tribocontacts — •Peter Gumbsch, Michael Moseler, and Lars Pastewka

Fr, 08:30–09:15

Controlling Magnetism by Light — •Theo Rasing

Fr, 09:15–10:00

Transparent Electronics — •Marius Grundmann

FV-übergreifende Symposien

SYAT: Symposium Anomalous Transport in Heterogeneous Media - from Porous Materials to Cellular Crowding

SYDI: Symposium SKM Dissertation Prize 2010

SYDF: Symposium Density Functional Theory and Beyond for Real Materials

SYEL: Symposium Energy Landscapes: Statistical Physics of (Spin-)Glasses, Biomolecules, Clusters and Optimization Problems

SYGN: Symposium Spin-Orbit Coupling and Spin Relaxation in Graphene and Carbon Nanotubes

SYMM: Symposium Magnetism and Medicine

SYMR: Symposium Nuclear Magnetic Resonance: from Applications in Condensed-Matter Physics to New Frontiers

SYNT: Symposium Nanotribology

SYPN: Symposium Polarization Field Control in Group III-Nitrides