Colloquium winter term 2012-13			
Date	*Speaker*	*Location*	*Title of Presentation*
Colloquium 18.10.2012, 16:15	**Dr. Markus Garst**, Universität zu Köln	**Frankfurt**, Max-von-Laue-Str.1, Phys. 1.402	Mott metal-insulator transition on compressible lattices
Colloquium 25.10.2012, 15:30	**Dr. Andreas Schulz**, Universiteit Antwerpen	**Kaiserslautern**, Erwin-Schrödinger-Str., Gebäude 46, Raum 46-387/388	Effective field theory and spectral function of interacting edge states in biased bilayer graphene - a tunable Luttinger liquid
Colloquium 8.11.2012, 15:30	**Prof. Jean-Francois Roch,** ENS Cachan, France	**Mainz**, Institut für Physik, Staudinger Weg 7,	Nanoscale optical and magnetic imaging using color centers in diamond nanoparticles
Colloquium 15.11.2012, 16:15	**Dr. Silvia Tomic,** Institut za fiziku, Zagreb, Croatia	**Frankfurt**, Max-von-Laue-Str.1, Phys. 1.402	Complex and nonlinear dynamics of charge and spin structures in strongly correlated systems
Colloquium 22.11.2012, 15:30	**Prof. Dr. Walter Hofstetter**, Universität Frankfurt	**Kaiserslautern**, Erwin-Schrödinger-Str., Gebäude 46, Raum 46/576	Beyond Standard Optical Lattices: Topological Insulators and Frustrated Magnetism
Seminar 27.11.2012, **16:00**	**Michael Buchhold**, Institut für Theoretische Physik, Universität Innsbruck	**Frankfurt**, Max-von-Laue-Str.1, Phys 02.116 a+b	Spin and Photon Glasses in Open Quantum Systems
Colloquium 29.11.2012, 12:15	**John A. Schlueter**, Materials Science Division, Argonne National Laboratory	**Mainz**, Institut für Physik, Staudinger Weg 7, Gernot-Graeff-Raum 5-431	Assembly of Molecular Units for the Crystallization of Electronic and Magnetic Materials
Seminar 29.11.2012, **15:15**	**Prof. Dr. Igor Mazin**, Naval Research Laboratory, Washington	**Frankfurt**, Max-von-Laue-Str.1, Phys. 1.114	Quasimolecular electronic structure of Na_2IrO_3
Seminar 30.11.2012, **15:15**	**Prof. Hiroshi Kontani**, University Nagoya, Japan	**Frankfurt**, Max-von-Laue-Str.1, Phys. 1.114	Mechanism of nematic order in multiorbital Hubbard models
Colloquium 6.12.2012, 16:15	**Prof. Dr. Matthias Wagner**, Universität Frankfurt	**Frankfurt**, Max-von-Laue-Str.1, Phys. 1.402	Boron-Bridged Organometallic Polymers and Luminescent π-Systems
Colloquium 13.12.2012, 15:30	**Dr. Masud Haque**, MPI Dresden	**Kaiserslautern**, Erwin-Schrödinger-Str., Gebäude 46, Raum 46/576	Composite object dynamics in interacting 1D lattice systems: propagation, locking, and scattering
Seminar 14.12.2012, **15:15**	**Prof. Zoran Hadzibabic**, Cambridge University, UK	**Frankfurt**, Max-von-Laue-Str.1, Phys. 1.114	Quantum-quenched and superheated Bose-condensed atomic gases
Colloquium 10.1.2013, 15:30	**Prof. Dr. Wolfgang Kuch**, FU Berlin	**Mainz**, Institut für Physik, Staudinger Weg 9, Lorentz-Raum (05-127)	X-ray spectroscopic investigations of adsorbed switchable molecules
Colloquium	**Prof. Dr. Martin**	**Frankfurt**, Max-von-Laue-Str.1,	Coupling of charge and spin order in organic

17.1.2013, 16:15	**Dressel**, Universität Stuttgart	Phys. 1.402	charge transfer salts
Colloquium 24.01.2013, 15:30	**Prof. Dr. Hans-Peter Büchler**, Universität Stuttgart	**Kaiserslautern**, Erwin-Schrödinger-Str., Gebäude 46, Raum 46/576	Anomalous Behavior of Spin Systems with Dipolar Interactions
Seminar 25.1.2013, **17:00**	**Prof. Dr. Dieter Vollhardt**, Institut für Physik, Universität Augsburg	**Mainz**, Institut für Physik, Staudinger Weg 7, Medien-Raum (Raum 03-431)	Quantification of correlations in quantum many-particle systems
Colloquium 31.1.2013,	**Prof. Dr. Markus Donath**, Universität Münster	**Mainz**, Institut für Physik, Staudinger Weg 9,	UP or DOWN? Rashba-type spin structures in sp- and d-derived surface states
Seminar 1.2.2013, 15:15	**Prof. Dr. Silke Biermann**, Centre de Physique Théorique, École Polytechnique, Palaiseau, Frankreich:	**Frankfurt**, Max-von-Laue-Str.1, Phys 1.114	Dynamical screening effects in correlated materials from a dynamical mean field view: from "LDA+DMFT" to "GW+DMFT"
Seminar 7.3.2013, 16:15	**Prof. Karyn Le Hur** CPHT, Palaiseau, Frankreich	**Frankfurt**, Max-von-Laue-Str.1, Phys 1.114	
Seminar 15.3.2013, 11:15	**Dr. Dario Jukic,** Department of Physics, University of Zagreb	**Frankfurt**, Max-von-Laue-Str.1, Phys 02.114	Two topics from photonics flat surface bands and 4d photonic lattices