MAX-PLANCK-INSTITUT FÜR QUANTENOPTIK

Kolloquium

OKTOBER 2011 - FEBRUAR 2012

DIENSTAGS, 13:30 H • HERBERT WALTHER HÖRSAAL

PROGRAMMVORSCHAU

18.10.2011	**Professor Claes-Göran Wahlström**	Universität Lund, Schweden
	"Laser-plasma acceleration of electrons and protons."	
25.10.2011	**Professor Krzysztof Pachucki**	Polen, Universität Warschau
	"Precise spectroscopy of the molecular hydrogen."	
08.11.2011 Double Feature	**Dr. Maarten van den Nest**	MPI Quantenoptik, Garching (Theorie)
	"Quantum computers: potential and limitations."	
	Martin Zeppenfeld	Abteilung: Quantendynamik
	"Sisyphus cooling of polyatomic molecules."	
15.11.2011	**Professor Jörg Schmiedmeyer**	TU Wien
	"Relaxation dynamics in many body quantum system."	
22.11.2011	**Professor Selim Jochim**	Universität Heidelberg
	"A deterministic few-fermion system for the quantum simulation of few-body systems."	
29.11.2011	**Professor Morgan Mitchell**	ICFO Barcelona
	"Interaction-based quantum metrology and the Heisenberg limit."	
06.12.2011	**Professor Klaus Sengstock**	Universität Hamburg
	"Ultracold quantum gases in triangular and hexagonal optical lattices: unconventional magnetism and graphene like physics."	
13.12.2011	**Professor Christoph Cremer**	Universität Heidelberg
	"Optics beyond the Abbe limit: molecular resolution imaging by farfield light microscopy."	
20.12.2011	**Professor Ernst-Wilhelm Otten**	Universität Mainz
	"Chasing the neutrino mass."	
	FROHE WEIHNACHTEN!	

Programmvorschau - suite

10.01.2012	**Dr. Peter Hommelhoff**	MPI Quantenoptik, Garching; Forschungsgruppenleiter Abt.: Quanten-Vielteilchensysteme
Double Feature	"Extreme localization of electrons in space and time."	
	Manuel Endres	
	"Observation of correlated particle-hole pairs and string order in low-dimensional Mott insulators."	
17.01.2012	**Professor Jean Dalibard**	Laboratoire Kastler-Brossel, Paris
	"The two-dimensional Bose gas: thermodynamics and beyond."	
24.01.2012	**Professor Jens Biegert**	ICFO Barcelona
	"Long wavelengths and strong field physics."	
31.01.2012	**Professor Jonathan Finley**	TU München
	"Optically probing quantum states in artificial atoms and molecules."	
07.02.2012	**Professor David P. DiVincenzo**	RWTH Aachen, Jülich Forschungszentrum
	"Quantum Error Correction and the Future of Solid State Qubits."	