

## Seminarplan Kleinwalsertal 2012

Montag, 19.03.2012	Dienstag, 20.03.2012	Mittwoch, 21.03.2012	Donnerstag, 22.03.2012
	8:00 bis 9:00 Frühstück	8:00 bis 9:00 Frühstück	8:00 bis 9:00 Frühstück
<p><b>16:00</b> chair: J. Wachtveitl</p> <p><i>Einführung in die AK-Schwerpunkte I</i></p> <p style="text-align: center;"><i>AK Wachtveitl:</i> Jörg Kohl-Landgraf / Peter Trojanowski</p> <p><b>Optical spectroscopy and nonlinear optics</b></p> <p style="text-align: center;"><i>AK Prisner:</i> Ivan Krstic / Philipp Spindler</p> <p><b>Methodical developments of EPR and DNP spectroscopy and their applications to biomolecular systems</b></p>	<p><b>16:00</b> chair: M. Braun</p> <p style="text-align: center;"><i>Cem Özcoban</i></p> <p><b>Lightresponsive Riboswitches</b></p> <p style="text-align: center;"><i>Elena Pepler</i></p> <p><b>Photoinduced decarboxylation of NPA</b></p> <p style="text-align: center;"><i>Petr Neugebaur</i></p> <p><b>High field NMR enhancement obtained on water and organic solvents</b></p> <p style="text-align: center;"><i>Jürgen Plötner</i></p> <p><b>Quantum chemical methods for excited states</b></p>	<p><b>14:30</b> chair: H.-D. Barth</p> <p style="text-align: center;"><i>Irene Burghardt</i></p> <p><b>Quantum dynamics</b></p> <p style="text-align: center;"><i>Jan Wahl</i></p> <p><b>Multiconfigurational quantum dynamics of ultrafast energy transfer in extended molecular systems</b></p> <p style="text-align: center;"><i>Frank Scholz</i></p> <p><b>Color tuning in proteorhodopsin and its effects on photodynamics</b></p> <p style="text-align: center;"><i>Alex Rodriguez</i></p> <p><b>New photolabile group on nucleic acids</b></p>	<p><b>16:00</b> chair: A. Heckel</p> <p style="text-align: center;"><i>Manuela Fichte</i></p> <p><b>New wavelength-selective and two-photon sensitive protecting groups</b></p> <p style="text-align: center;"><i>Sabrina Steinwand</i></p> <p><b>Time resolved studies on structural building blocks – photoisomerization in foldamers</b></p> <p style="text-align: center;"><i>Dominique Rastädter</i></p> <p><b>Photochemical pathways of azobenzene</b></p> <p style="text-align: center;"><i>Vasyl Denysenkov</i></p> <p><b>New Resonators for 9.2 Tesla Dynamic Nuclear Polarization</b></p>
<b>18:00 Abendessen</b>	<b>18:00 Abendessen</b>	<b>17:00 Bus nach Riezlern / Wanderung zur Hütte</b>	<b>18:00 Abendessen</b>
<p><b>19:00</b> chair: J. Wachtveitl</p> <p><i>Einführung in die AK-Schwerpunkte II</i></p> <p style="text-align: center;"><i>AK Heckel:</i></p> <p><b>Regulating molecular processes with light</b></p> <p style="text-align: center;"><i>AK Schäfer:</i> Lars Schäfer</p> <p><b>MD simulation</b></p> <p style="text-align: center;"><i>Andreas Reuß</i></p> <p><b>Liquefaction of Helium</b></p>	<p><b>19:00</b> chair: H. Staudt</p> <p style="text-align: center;"><i>Lars Dworak</i></p> <p><b>Interfacial electron transfer in quantum dots</b></p> <p style="text-align: center;"><i>Khashti Ballabh Joshi / Jennifer Rinne</i></p> <p><b>Molecular Beacons - a tool for advanced biological applications</b></p> <p style="text-align: center;"><i>Andriy Marko</i></p> <p><b>PELDOR database</b></p>	<p><b>18:30 Hüttenabend auf dem Bergstüble</b></p>	<p><b>19:00</b> chair: T. Prisner</p> <p style="text-align: center;"><i>Burkhard Endeward</i></p> <p><b>PELDOR on Biomolecules</b></p> <p style="text-align: center;"><i>Sarah Römer</i></p> <p><b>A variational formulation of mixed quantum-classical dynamics</b></p> <p style="text-align: center;"><i>Jan-Eric Nimsch</i></p> <p><b>The unreasonable effectiveness of mathematics</b></p>

**Abfahrt in Hirschegg am Freitag, 23.03.2012 um 9:00**