



## Workshop on Quantum Dynamics in Physics, Chemistry and Biology

*Heidelberg, Max Planck Institute for Nuclear Physics (MPIK), Otto-Hahn-Hörsaal  
(large lecture hall), library building, Wednesday, 01 October 2014*

<b>Programme</b>	
10:30 - 10:35	Honorarprof. Dr. Christoph H. Keitel, IMPRS-QD Spokesperson, MPI for Nuclear Physics (MPIK), Heidelberg Welcome
<b>Morning Session</b>	
10:35 - 11:25	Prof. Dr. Klaus Scheffler, MPI for Biological Cybernetics, Tübingen <i>Title: "Probing brain activation with magnetic resonance at very high fields"</i>
11:25 - 11:45	Ghazal Jabbari, Heidelberg University <i>Title: "Quenching molecular photodissociation by intermolecular Coulombic decay"</i>
11:45 - 12:05	Andrea Bergschneider, Heidelberg University <i>Title: "Controlling the motion of two interacting fermions in a double well potential"</i>
12:05 - 13:30	Lunch at the EMBL canteen
<b>Afternoon Session</b>	
13:30 - 14:20	Prof. Dr. Reinhard Dörner, Institute for Nuclear Physics, Frankfurt <i>Title: "Few-body physics: the structure of He<sub>2</sub>, He<sub>3</sub> and the He Efimov state"</i>
14:20 - 14:40	Chintan Shah, Heidelberg University <i>Title: "Measurement of the x-ray emission asymmetries in the resonant electron recombination into highly charged ions"</i>
14:40 - 15:00	Nikolay Belov, MPI for Nuclear Physics <i>Title: "Pair creation and annihilation with atoms and channeling nuclei"</i>
15:00 - 15:15	Coffee break
15:15 - 16:45	Poster session