

Summer School on Photoinduced Dynamics

IMPRS for Dynamical Processes in Atoms, Molecules and Solids

Prague, July 12. – 15., 2015

Venue: Vila Lanna, V Sadech 1, Prague 6 - Bubeneč

Participants

Participation is free of charge!

To register, please send an e-mail in English to office@imprs-dynamics.mpg.de.

Program

Monday 13. 7.

9:00 – 10. 40	Bernd Winter	<i>Aqueous Solutions studied by X-ray spectroscopy</i>
10:40 – 11:10	Coffee break	
11:10 – 12:50	Robert Moshhammer	<i>Atoms and molecules in intense XUV and IR laser fields</i>
12:50 – 14:00	Lunch	
14:00 – 15:40	Irene Burghardt	<i>Photoinduced dynamics in functional molecular aggregates</i>
15:40 – 16:10	Coffee break	
16:10 – 17:00	Lars Pettersson	<i>Introduction to inner-shell spectroscopies: experiment and theory</i>
18:00	Dinner	

Tuesday 14. 7.

9:00 – 9. 55	Lars Pettersson	<i>X-ray spectroscopy measurements and simulations in heterogeneous catalysis</i>
9.55 – 10.40	Lars Pettersson	<i>Combining X-ray experiments and theory to understand water</i>
10:40 – 11:10	Coffee break	
11:10 – 12:50	Alejandro Saenz	<i>Numerical methods of treating laser-molecule interactions I</i>
12:50 – 14:00	Lunch	
afternoon	Excursion & Dinner	

Wednesday 15. 7.

9:00 – 10. 40	Alejandro Saenz	<i>Numerical methods of treating laser-molecule interactions II</i>
10:40 – 11:10	Coffee break	
11:10 – 12:50	Petr Malý	<i>Femtosecond laser spectroscopy of diamond</i>
12:50 – 14:00	Lunch	
14:00 – 15:40	Oleg Prezhdo	<i>Fundamentals and recent advances in non-adiabatic molecular dynamics</i>
15:40 – 16:10	Coffee break	
16:10 – 17:00	Petr Slavíček	<i>Conclusion talk</i>