

Program of the Fall School

“Biomolecules: Physical Principles and Mechanisms”

Prague, Novemeber 1 - 5, 2008

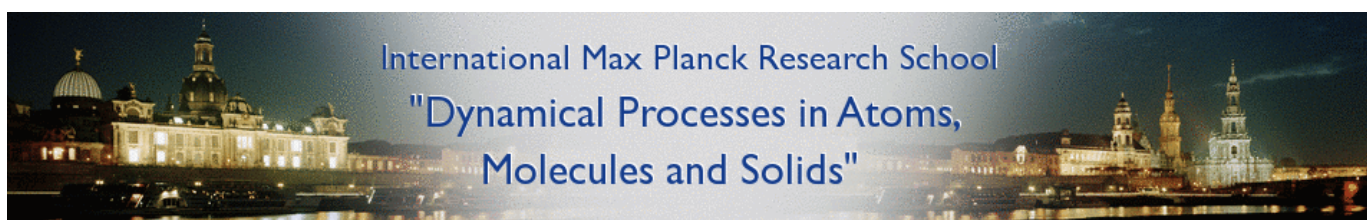
Sat Nov 1: arrival, get-together dinner

Sun Nov 2 – Tue Nov 4: lectures, Mon free afternoon and dinner in Strahov brewery, Tue conference banquet

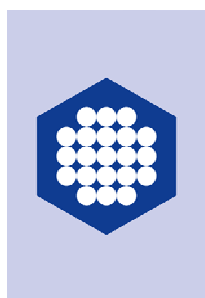
Wed Nov 5: departure

Venue: Villa Lanna, V sadech 1, Prague 6 – Dejvice

(http://cmd.karlov.mff.cuni.cz/CMD/hotely/lanna_marna.htm)



International Max Planck Research School
"Dynamical Processes in Atoms,
Molecules and Solids"



ÚOCHB AV ČR

**ÚSTAV ORGANICKÉ CHEMIE A BIOCHEMIE
AKADEMIE VĚD ČESKÉ REPUBLIKY
INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY
ACADEMY OF SCIENCES OF THE CZECH REPUBLIC**

Detailed program of the workshop

Saturday November 1:

19:00 *Opening of the school, dinner & get-together drinks*

Sunday November 2:

8:00- 9:00 *breakfast*

9:00- 10:00 *Pavel Hobza: Non-covalent interactions in biomacromolecules*

10:00-10:30 *coffee break*

10:30-12:00 *Kim Collins: Protein structure and function*

12:00-13:30 *lunch break*

13:30-15:00 *Kim Collins: Ion-macromolecule interactions*

15:00-15:30 *coffee break*

15:30-17:30 *Petr Slaviček: Photodynamics in biological systems*

19:30 *dinner*

Monday November 3:

8:00- 9:00 *breakfast*

9:00- 10:30 *Christoph Dellago: Simulating rare events in complex systems: from transition state theory to transition path sampling.*

10:30-11:00 *coffee break*

11:00-12:30 *Christoph Dellago: Analyzing transition pathways: mechanisms and rate constants.*

12:30-14:00 *lunch, free afternoon*

19:00 *dinner in the brewery of the Strahov monastery*

Tuesday November 4:

8:00- 9:00 *breakfast*

9:00- 10:30 *Philip Mason: Applications of Experimental Structural Techniques in Studying Disordered Biological Systems I*

10:30-11:00 *coffee break*

11:00-12:30 *Philip Mason: Applications of Experimental Structural Techniques in Studying Disordered Biological Systems II*

12:30-14:00 *lunch break*

14:00-16:00 *Joost VandeVondele: Electron transfer properties from ab initio molecular dynamics: from small molecules to proteins*

16:00-16:30 *coffee break*

16:30-17:30 *Pavel Jungwirth: Ions at aqueous interfaces: From water surface to hydrated proteins*

19:30 *Closing of the school, conference banquet in Villa Lanna.*

Wednesday November 5:

8:00- 9:00 *breakfast*

departure