

První přednáška v rámci kurzu Současná chemie se uskuteční dne 16. února 2011 ve 14:00 v Aule (2.001) Přírodovědecké fakulty UP v Olomouci. Další přednášky se uskuteční v níže uvedených termínech a jejich témata budou upřesněna

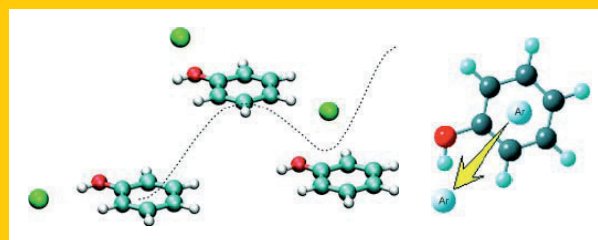
16. února	prof. Klaus Müller-Dethlefs Non-covalent interactions: experiment and theory
16. března	prof. RNDr. Radek Zbořil, Ph.D.
13. dubna	doc. MUDr. Marián Hajdúch, Ph.D.
27. dubna	prof. RNDr. Ivo Frébort, Ph.D.

Non-covalent interactions: experiment and theory



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Non-covalent interactions are of uttermost importance for the appearance, structure and function of the world as we know it. For instance, properties of liquids, materials, nano-particles and biologically important molecular systems are determined by non-covalent interactions. Our present knowledge about non-covalent interactions has been very much enhanced, during the last two decades, by studying *molecular clusters* both by experimental and theoretical methods.



The lecture will focus on some important innovations in this internationally competitive field of *Molecular Science*, demonstrating the powerful synergy between theory and experiment.