

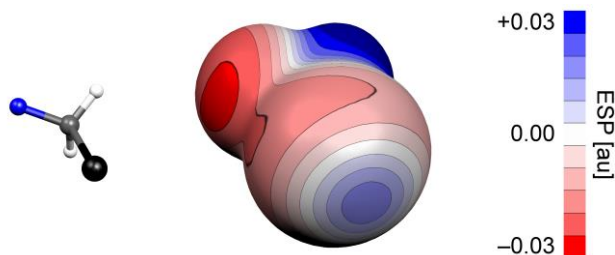


## Pozvánka

Dovoľujeme si Vás pozvať na prednášku **Dr. Kolára** z Oddelenia teoretickej a počítačovej biofyziky Max Planck inštitútu, na tému „**Halogen Bonds and Other Sigma-Hole Interactions**“, ktorá sa uskutoční dňa 7. decembra o 14:00 v miestnosti CPS+ na Prírodovedeckej fakulte UK.

### Abstrakt:

Halogen bonds (X-bonds) have become celebrities in the field of non-covalent interactions. An elegant way explaining many of the X-bond features appeared about a decade ago, and stems from a sigma-hole – a region of positive electrostatic potential. Apart from halogens, the sigma-holes were later proven also on other elements. The talk will comprehend non-covalent interactions that involve sigma-holes. Special attention will be paid on theoretical and computational description of such interactions. Further, a few applications in biological systems will be presented.



Doc. Mgr. Michal Pitoňák, PhD.