

2nd Ion Chemistry Meeting Dolní Malá Úpa

May 27. - 29. 5. 2011



Scientific Program

Friday, 27. 5.

Arrival and accommodation

Session I. Organic ions

- 16⁰⁰ h Opening remarks (D. Schröder)
- 16⁰⁵ h *Tutorial: New spectroscopic tools in mass spectrometry* (J. Roithová)
- 16⁵⁰ h Anion Complexation of Bambus[6]uril (A. Revesz)
- 17¹⁰ h Rust vyssich uhlovodiku v atmosfere Titanu (J. Vachelová)
- 17³⁰ h Double ionization of isomeric picolines (J. Jasik)
- 17⁵⁰ h News from Dewar benzene (Š. Janková)
- 18¹⁰ h General discussion (D. Schröder)

Dinner

Moonlight special

- 21⁰⁰ h Super chemistry (J. Roithová)

Saturday, 28. 5.

Session II. Analytical aspects

- 9⁰⁰ h *Tutorial: Ambient analysis of trace compounds in gaseous media by SIFT-MS* (P. Španěl)
- 9⁴⁵ h Multivariate analyses of SIFT-MS data of mixtures of biogenic compounds (K. Dryahina)
- 10⁰⁵ h The plant stress exudate citric acid and its fixation by Cd^{II} (J. Dyrtrtová-Jaklová)
- 10²⁵ h Mass spectrometry of VOCs released by *Pseudomonas Aureginosa* (V. Shestivska)
- 10⁴⁵ h SIFT-MS of volatile compounds emitted by plants (K. Sovová)
- 11⁰⁵ h General discussion (J. Žabka)

Walk to *Bouda Jana* for lunch, afterwards hiking/relaxing

Session III. Methods

- 15³⁰ h *Tutorial: Kinetic energy dependence of ion/molecule reactions* (D. Schröder)
- 16¹⁵ h Ion/molecule reactions relevant for Titan (J. Žabka)
- 16³⁵ h Links between EPR and MS (J. Tarábek)
- 16⁵⁵ h **open slot (N.N.)**
- 17¹⁵ h General discussion (J. Roithová)

Dinner

Session IV. Metal ion chemistry I

- 19¹⁵ h *Tutorial: Concepts in gas-phase cluster chemistry* (S. Lang)
- 20⁰⁰ h Gold catalysis (L. Ducháčková)
- 20²⁰ h CO and H₂O Adsorption on Binary Silver-Gold Clusters (I. Fleischer)
- 20⁴⁰ h Ru-catalysis (E. Hanikyrová)
- 21⁰⁰ h Intramolecular C-H activation applied towards a catalytic system (C. Shaffer)
- 21²⁰ h General discussion (K. Koszinowski)

Sunday, 29. 5.

Session V. Metal ion chemistry II

- 9¹⁵ h *Tutorial: Charge tags in electrospray ionization* (K. Koszinowski)
- 10⁰⁰ h Ferrocenes (H. Šramková)
- 10²⁰ h Mechanistic insights into a copper-catalysed aerobic cross-coupling (A. Tsybizova)
- 10⁴⁰ h Oxidative coupling of methane on Au₂⁺ (S. Lang)
- 11⁰⁰ h General discussion (P. Španěl)

Dinner and Departure