

CSHS Workshop on Ion-Mobility Mass Spectrometry

Ion-mobility mass spectrometry (IM-MS) is an advanced method in mass spectrometry which enables the separation of gaseous ions not only with regard to their mass-to-charge ratio, but also in terms of their shapes (e.g. *cis/trans* isomers). This new method has great potential in various applications of mass spectrometry ranging from mechanistic questions in basic research to new solutions for specific analytical problems.

On Tuesday, **14. February 2012**, the Czech Society for Mass Spectrometry (CSHS) offers a workshop on IM-MS, which will take place at the:

Institute of Organic Chemistry and Biochemistry, Flemingovo nám. 2, 16610 Prague 6

Preliminary program (lectures will take place in the "Klub", 3rd floor of IOCB)

10 ⁰⁰	D. Schröder, Prague	Welcome
10 ⁰⁵	M. Prochazka, Prague	Background of IM-MS
10 ²⁰	M. Kennedy, Manchester	The design and utility of stacked ring ion guides
11 ¹⁰	D. Schröder, Prague	Practical aspects of IM-MS
12 ⁰⁰	Refreshments	
12 ³⁰	Demonstration of the SYNAPT G2 IM-MS instrument (room 274 of IOCB)	
14 ⁰⁰	Coffee break	
14 ³⁰	Exploratory IM-MS studies of samples from the participants	
18 ⁰⁰	Dinner (sponsored by Waters)	

You are kindly invited to bring your own sample(s) with you (best as "ready to spray" solutions), though we may not be able to measure all. Note, however, that the instrument in IOCB is **not** equipped with a chromatographic separation stage.

Interested researchers are invited to contact detlef.schroeder@uochb.cas.cz. Due to space limitations, the number of participants is strictly limited, however, and the actual participation **needs to be confirmed by the organizer**. If the workshop will be overbooked, we might be able to offer a repetition on Wed. 15. 2. 2012, thus please also declare your availability at this alternative date.

The workshop is a joint service of IOCB and CSHS, enabled by the ERC grant HORIZOMS, sponsored by Waters, and will be free of charge.

Dr. Detlef Schröder, Institute of Organic Chemistry and Biochemistry, 16610 Prague 6
Tel. ++420 220 183 463, Detlef.Schroeder@uochb.cas.cz

