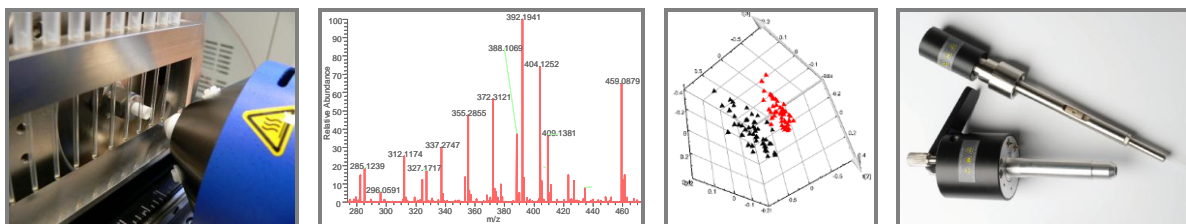


**1st European Workshop on
*Ambient Mass Spectrometry and Related
Mass Spectrometry-Based Techniques in
Food / Natural Products Control:
Safety, Authenticity, Forensics, Metabolomics***

Prague, June 18–20, 2012



Organized by: **Department of Food Analysis and Nutrition of the INSTITUTE OF CHEMICAL TECHNOLOGY (ICT), Prague, Czech Republic**

Cooperating institution: **RIKILT – Institute of Food Safety, Wageningen, the Netherlands**

SPONSORS:



1st European Workshop on
AMBIENT MASS SPECTROMETRY AND RELATED MASS SPECTROMETRY-BASED
TECHNIQUES IN FOOD / NATURAL PRODUCTS CONTROL:
Safety, Authentication, Forensics, Metabolomics

ANNOUNCEMENT

Following the successful EU projects (BioCop & CONFIDENCE) dissemination workshop on *Application of ambient mass spectrometry for rapid analysis of food contaminants/residues* held in 2010, the Institute of Chemical Technology (ICT), Prague & RIKILT, Wageningen are organizing on June, 18–20, 2012 a RAFA associated workshop dedicated to all laboratories concerned with food / natural products analysis. The mission of this Workshop is to introduce challenging innovations in ambient mass spectrometry-based measurements and, last but not least, bring together all current and future users.

SCIENTIFIC PROGRAM, VENDOR WORKSHOPS, POSTERS

The workshop program will comprise presentations by ICT, RIKILT and other invited international experts specialized in applications listed below. Tailor made solutions as well as troubleshooting issues will be interactively discussed; strategies applicable for interpretation of generated data will be also thoroughly addressed.

- **CHEMICAL SAFETY CONTROL (residues / contaminants / toxicants)**
- **AUTHENTICITY / TRACEABILITY / FRAUD**
- **FORENSICS (food / nutraceuticals / environmental matrices)**
- **METABOLOMICS (fingerprinting / profiling)**

Vendor workshops and exhibitions will be organized within the event.

Poster session will give a floor for presentations and discussions of participants' research in areas relevant to the workshop topics.

ANALYTICAL PLATFORMS

The workshop will focus on both the theory and practical application strategies documented on real-life matrices / case studies; the tentative list of MS-based instrumental platforms that will be presented is as follows:

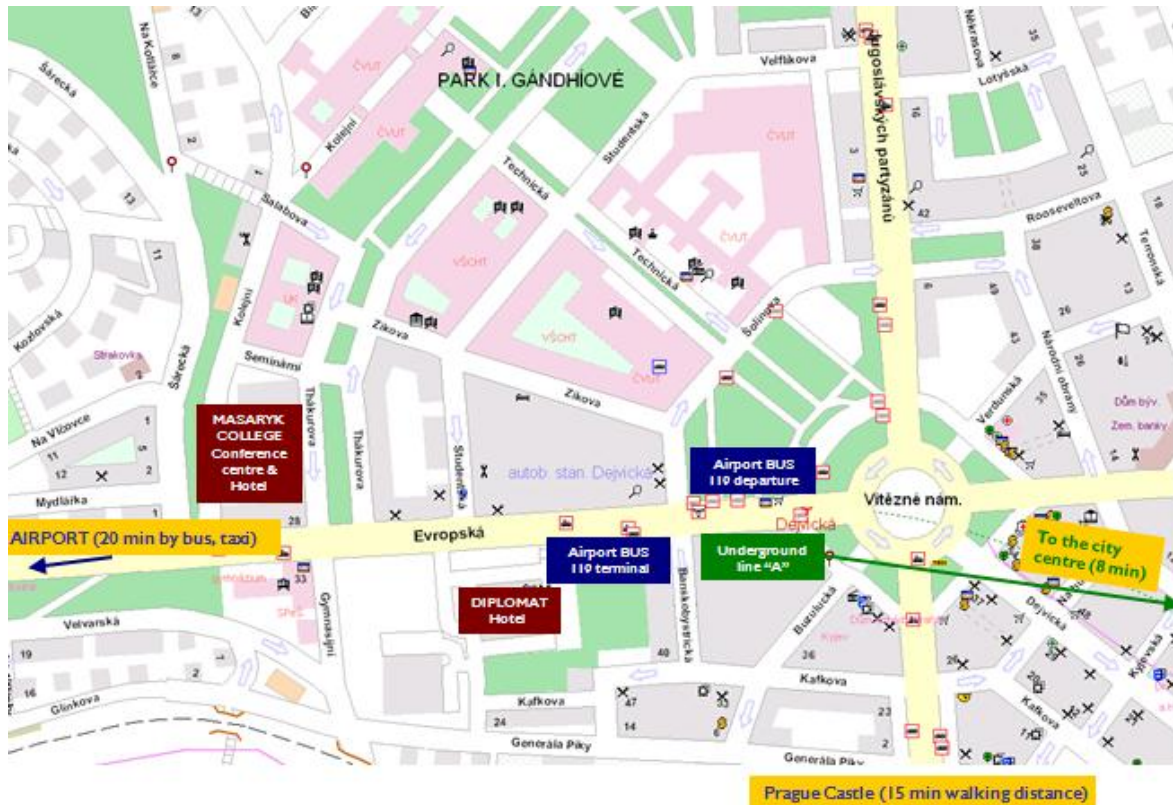
- **Direct Analysis in Real Time (DART)** coupled to a high-resolution MS (time-of-flight, TOF or orbitrap-MS)
- **Atmospheric Solids Analysis Probe (ASAP)** coupled to quadrupole/TOFMS in combination with ion mobility
- **Liquid Extraction Surface Analysis (LESA)** coupled to a quadrupole/TOFMS
- Ultra-high-performance liquid chromatography (UHPLC) coupled to high-resolution MS/MS
- (Comprehensive two-dimensional) gas chromatography coupled to TOFMS
- Direct infusion–high resolution MS

CHALLENGES

- **Ambient mass spectrometry techniques** often require minimal or no sample preparation thus the overall analysis time can be reduced to a few minutes. Furthermore, use of the high-resolution MS for accurate mass measurement provides information of elemental composition and hence the identification of target analytes and possible identification of “unknown” contaminants / markers.
- As a complementary tool, also **MS hyphenated to a separation unit** (either LC or GC) will be demonstrated as instrumental platforms for metabolomics and/or rapid control of contaminants.
- The **advanced data-mining strategies** (including various chemometric tools) application of which is the key condition for successful results interpretation will be also discussed.

VENUE

The workshop will be organised in the **University Conference Centre (Masaryk College, Thakurova 1, Prague 6 – Dejvice, Czech Republic)**. Conference centre is located approx. 25 min from Prague international airport.



TRAVELLING

By plane

Prague Ruzyně Airport (www.prg.aero) has a good connection to all European capitals and many cities. There are many cheap charter flights to Prague from all over Europe. The Airport is located approx. 15 km from the city centre. Taxi transport costs 25-30 € to the city centre and approx. 20 € to the conference venue.

The cheapest transport can be realized using public bus No. 119 starting on Terminal 1 on the Airport and terminating at the Metro station Dejvicka (frequent departure, every 10 min or less; travel time 20 min).

The conference centre (Masaryk College) is located close to the terminal Metro station Dejvicka (walking distance approx. 250 m).

By train

When arriving at the **Main Station**, use metro in direction Haje (red line C), change at the next station (Museum) to the green line A and continue to the terminal station Dejvicka. Use the west exit (forward direction, escalators) for Diplomat hotel and conference venue in Masaryk College.

When arriving at the **Holesovice station**, use also metro in direction Haje (red line C), change at the Museum (green line A) and continue to the station Dejvicka.

By bus

The **bus terminal Florenc** located in close proximity of the metro station Florenc (yellow line B). Use the metro in direction Haje (red line C), change at Museum (2nd station) for the green line A and continue to the terminal station Dejvicka as when arriving by train.

By car

For travelling by car see e.g. <http://www.diplomathotel.cz/en/location/>.

Carry your driving license and passport all time. The speed limit is 50 km/hr in cities and villages, 90 km/hr outside urban areas and 130 km/hr on highways.

Parking on the workshop venue

Masaryk College has ground parking area at rate 120 CZK (5 Euro)/night.

ACCOMMODATION

Accommodation at special rate 85 EUR/night will be available in [Diplomat hotel](#). For reservation of your room please use [on-line booking form](#) (deadline for special rate is May 15, 2012).

Limited numbers of rooms at **ICT Prague hostel** are also offered on request at rate 22 EUR/night.

IMPORTANT DATES

- **April 30, 2012** Reduced registration fee deadline
- **May 25, 2012** Abstract submission deadline (poster presentation)

WORKSHOP PROGRAM (dates for diary)

- June 18, 2012 Registration (open from 10 a.m.)
- **June 18–20, 2012** **Scientific program** (start at 1 p.m.)
- June 18, 2012 Welcome drink
- June 19, 2012 Workshop get together dinner

Conference dinner will be held in the [Restaurant Slavia](#), in the area of Prague Downtown, opposite to the National Theatre, with beautiful view to the Prague Castle. You can order ticket for the conference dinner in the registration form.

WORKSHOP FEE

Registration received until **April 30, 2012**:

- Regular registration – smart rate Euro 280
- Students * – smart rate Euro 180

Registration received from **May 1, 2012**:

- Regular registration ** Euro 330
- Students * Euro 230

* Proof of “full student” status will be required in addition to the Registration form and has to be confirmed by the organizers. Age limit is 28 years.

** Capacity limits can be applied by organizers.

The regular registration fee will include attendance at the workshop, opportunity to present a poster, book of abstracts, coffee breaks, luncheons, welcome drink, get together dinner (dinner is not applicable with students' fee).

CONTACT

The official contact e-mail address of the workshop is RAFA-workshop@vscht.cz.



Associated event

The RAFA team is looking forward to meeting you in Prague again!

Prof. Dr. Jana Hajslova (ICT Prague, Czech Republic), workshop chair
Prof. Dr. Michel Nielen (RIKILT, Wageningen, The Netherlands), workshop co-chair

