



## Bažant Postgraduate Conference

*ICPF Large Meeting Room  
Monday, 8 June 2015*

### Conference Programme

#### **9:00-9:10 *Conference Opening***

**9:10–9:25** Ing. Martin Topiař: *Supercritical Fractionation of Volatiles and Non-volatiles from Different Plant Sources*

**9:25–9:40** Ing. Zdeňka Machalová: *Mathematical Model for Pressurized Solvent Extraction from *Leuzea carthamoides**

**9:40–9:55** Ing. Martina Matějková: *Adsorption of Phenol from Aqueous Solution on Various Sorbents*

#### **9:55 *Coffee Break***

**10:30–10:45** Ing. Adéla Andresová: *Physicochemical Properties of Menthol-Based Imidazolium Ionic Liquids*

**10:45–11:00** Ing. Jan Rotrekl: *Influence of Structure of Ionic Liquids on the Properties of their Mixtures with Water*

**11:00–11:15** Mgr. Lucie Maixnerová: *Analytical Features of the Optical Biosensor for Glucose Detection*

**11:15–11:30** Ing. Štěpán Horník: *Novel NMR Method for Organic Aerosol Analysis*

#### **11:30 *Lunch Break***



**12:30–12:45** Ing. Tomáš Durda: *Combustion of Corn Straw in a Fluidized-Bed Reactor*

**12:45–13:00** Ing. Jiří Brynda: *Possibilities of High-Temperature Desulphurization and Dechlorination of a Producer Gas*

**13:00–13:15** Ing. Boleslav Zach: *Design of Apparatus for Testing of Catalytic Filters for Flue Gas Treatment*

**13:15–13:30** Ing. Lucie Kubelová: *Comparison of Summer and Winter Highly Time-Resolved Submicron Aerosol Composition Measured at a Suburban Site in Prague*

**13:30–13:45** Tuan V. Vu: *Source Apportionment of Submicron Particles Deposited in Regional Lung Measured at an Urban Background Site in London*

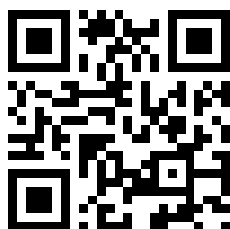
**13:45** *Coffee Break*

**14:00–14:15** Ing. Martin Kos: *Synthesis of Aza-Aromatic Compounds by Photocyclodehydrogenation Reaction of N-Aryl Imines*

**14:15–14:30** Ing. Pavel Jakubík: *Preparation of Soluble [n]Phenacene Derivatives*

**14:30** *Conference Closing*

**16:00** *Conference Winners Announcement*



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