



Bažant Postgraduate Conference 2014

Large Meeting Room ICPF, June 19, 2014

Conference Programme

9:00 Conference Opening

9:15–9:30 Ing. Ondřej Beneš: *Mikroreaktorové systémy pro fotooxidační procesy*

9:30–9:45 Ing. Pavlína Dragounová: *Cílená příprava fotokatalyzátorů pro studium fotooxidačních procesů*

9:45–10:00 Ing. Martina Matějková: *Odstraňování fenolových látek z odpadních vod pomocí sorpčních technik*

10:00 Coffee Break

10:15–10:30 Ing. Pavel Jakubík: *Synthesis of [n]Phenacenes for Optoelectronics*

10:30–10:45 Ing. Jan Rotrekl: *Structure of Ionic Liquids and its Mixtures with Molecular Solvents*

10:45–11:00 Nicholas Talbot, MSc.: *An Experimental Assessment of the Evaporation of Ammonium Nitrate Aerosol*

11:00 Coffee Break

11:15–11:30 Ing. Lucie Spáčilová: *Photocatalytic and Photolytic Degradation of 4-Nonylphenol in Two Types of Batch Reactors*

11:30–11:45 Ing. Magdalena Drhová: *Degradation of 4-Chlorophenol in a Photo Microreactor – Comparison with a Batch Reactor*

11:45–12:00 Ing. Jana Pavlorková: *Homogeneously Catalyzed Transfer Hydrogenation in Microfluidic Flow Reactor*

12:00–12:15 Ing. Martin Bernard: *Chiral Stationary Phases Based on Silica Modified by Helicenes*

12:15 Lunch Break



13:15–13:30 Ing. Martin Topiař: *Supercritical Fractionation of Volatiles from Geranium (Pelargonium graveolens L.)*

13:30–13:45 Ing. Zdeňka Machalová: *Extraction of Phytoecdysteroid from Leuzea carthamoides Using High-Pressure Methods*

13:45–14:00 Ing. Martin Koštejn: *Preparation of Thin Layers of Ferromagnetic Semiconductors*

14:00–14:15 Ing. Adéla Andresová: *Physicochemical Characterization of Chiral Ionic Liquids, their Applications and Environmental Impact*

14:15 *Coffee Break*

14:30–14:45 Ing. Otakar Makeš: *Wintertime Aerosol Source Apportionment in Prague*

14:45–15:00 Ing. Lucie Kubelová: *Comparison of Summer and Winter Submicron Aerosol Composition Studied by the Aerosol Mass Spectrometer at an Urban Background Site in Prague*

15:00–15:15 Ing. Lucie Maixnerová: *Optical Sensors for Biotechnology and Food Industry*

15:15–15:30 Ing. Michaela Poštulková: *Novel Apparatus for the Study of Gushing in Beer*

15:30–15:45 Ing. Tomáš Durda: *Combustion of Coal in a Bubbling Fluidized Bed*

15:45 *Conference Closing*