

ACADEMY OF SCIENCES OF THE CZECH REPUBLIC
J. HEYROVSKÝ INSTITUTE OF PHYSICAL CHEMISTRY, PRAGUE

46th Heyrovský Discussion **on** **MOLECULAR ELECTROCHEMISTRY** **IN ORGANOMETALLIC SCIENCE**



Castle Třešť
Czech Republic
June 23-27, 2013 (Sun-Thu)

F i r s t C i r c u l a r

Registration form to be sent before March 31, 2013

ORGANIZERS:

Jiří Ludvík (Chair), Radka Metelková, Ludmila Šimková, Věra Mansfeldová (J. Heyr. Inst.)
Irena Hoskovcová (Inst. of Chem. Technol. Prague)

HISTORY AND PURPOSE

The Heyrovský Discussion have been organized during the last four decades every year by the J. Heyrovský Institute of Physical Chemistry, Academy of Sciences of the Czech Republic. Each year a different field of electrochemistry is selected as the discussion theme. The total number of participants is limited to about 50-60 by the capacity of the Castle.

The special feature of this rather interdisciplinary meeting is to bring together organometallic (and coordination) chemists and electrochemists.

The general philosophy of the Discussions is to invite experienced scientists specialized in a certain field together with students or young research workers, and to let them to present in an informal way their most recent electrochemical achievements and interpretations with a **special stress on broad and friendly scientific discussion.**

For this reason the time schedule is more free than that at conventional meetings allowing more space to discussion: the program is divided into several sessions devoted to individual topics. Every session is opened by **an introductory lecture (40 min)**. After that **oral presentations** announced in the program (**15-20 min long**) as well as **short *ad hoc* contributions (5-15 min long)** follow, which are accompanied by free discussion. Each session has a chairman whose duty is a.o. to accept the relevant *ad hoc* contributions and determine their sequence, to follow time and to organize and provoke the discussion. Besides that, contributions in form of posters will be exhibited during whole meeting in foyer.

In order to allow presentation of the **most recent results**, abstracts of announced oral contributions and posters are required (in electronic form) **only one month in advance** (i.e. until May 15, 2013). Note that the most fresh results presented as *ad-hoc* contributions need no abstracts. Printed proceedings of announced papers (as well as their electronic form) will be prepared before the Discussion (with its own ISBN).

We hope that the 46th Heyrovský Discussion will contribute to the development of electrochemical approach in organometallic and coordination chemistry, to strengthening of the existing cooperation and to establishing new collaborative plans and projects.

MAIN THEME AND PROPOSED DISCUSSION TOPICS:

Every year new organometallic or coordination compounds are synthesized for special purposes: catalysis, non-linear optics, liquid crystals, synthetic precursors, mimics for biological systems, contrast agents for diagnostics and imaging, dyes, pharmaceuticals, etc. **Electrochemical investigation of such molecules is the main theme of this Heyrovský Discussion.**

- * redox mechanistic studies of organic and coordination compounds
- * electrochemical studies of aromaticity, electron delocalization, electronic conductivity, localization of redox centers
- * electrochemistry and chirality
- * investigation of units for supramolecular devices and molecular wires
- * investigation of dendrimers
- * investigation of host-guest relationship
- * investigation of (photo-) electrochromism
- * use of electrochemical probes and markers
- * models of active centres in biomolecules
- * bond activation by ET for (electro)synthetic purposes
- * generation and characterization of radical intermediates
- * electrochemically generated luminescence
- * combination of electrochemistry with spectroscopic techniques
- * correlation of experimental data with theoretical calculations

and others related problems

DATE AND PLACE:

Arrival at the Castle: **Sunday June 23, 2013 afternoon** (before dinner)
(A special bus will depart from the J. Heyrovský
Institute, Prague, around 15.00 on Sunday)

Departure from the Castle: **Thursday June 27, 2013** (after lunch)
with a direct connection to the Prague Airport

The renaissance castle (chateau) Třešť is located in the small town Třešť, in southeastern Bohemia about 15 km south of Jihlava (which is situated on the highway D1 Prague-Brno), in an attractive, peaceful locality rich in historical monuments and of beautiful natural scenery.

CONGRESS FEE

The fee will cover all **organizing costs**, the **transport** from/to Prague, the **accommodation** in single or double rooms with bathroom, **full board**, welcome **cocktail**, a **concert**, a **half-day trip** to monuments of Southern Bohemia and Moravia, the **closing banquet** and **refreshments** during the coffee breaks.

Full participants: **490.- EUR** if paid before April 15, 2013 (early payment)
550.- EUR if paid after April 15, 2013 or on the spot (late payment)

Students, and accompanying persons: **290.- EUR**

Post doc with a stipend (without permanent position) will be considered as a student.

Payment is possible in advance by a bank transfer, by VISA cards or Eurocards, or in cash upon arrival at the registration office. (details in the www pages or upon request).

IMPORTANT DATA:

Please, fill in the enclosed preliminary registration form and send it to the organizers before **March, 31, 2013**.

During **April 2013** the second circular with the proposed program of 46th Heyrovský Discussion and with other important information will be distributed (only to the pre-registered participants)

April 15, 2013 is the deadline for „Early bird“ payment

April 15, 2013 is the deadline for Abstracts in electronic form

During **May 2013** an e-mail letter will be distributed with the final program and other necessary details

FURTHER INFORMATION (WILL BE CONTINUOUSLY COMPLETED AND UPDATED):

<http://www.jh-inst.cas.cz/~hdisc/2013/>

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Jiří Ludvík

on behalf of the Organizing Committee