

Conference XXXVth Modern Electrochemical Methods, Czech Republic, 2015

Miroslav Fojta¹ · Tomáš Navrátil²

Received: 3 December 2015 / Accepted: 3 December 2015 / Published online: 17 December 2015
© Springer-Verlag Wien 2015

This Special Issue of *Chemical Monthly* is dedicated to lectures presented at an international conference which took place in May 2015 in the Czech Republic: XXXVth Modern Electrochemical Methods (MEM; May 18–22, 2015, in Jetrichovice). This meeting belongs to the traditional series of conferences started in 1980 in Mezni Louka, Czech Republic (moreover, some conferences of this name were organized before but they were not included into the numbered series). Since 1980, MEM conferences have been organized annually (with only one exception in 1989). Particular events of this series were held at various places of the Czech Republic (e.g., Bedřichov, Mezni Louka, Trojanovice, Harrachov). However, Jetrichovice near Decin (“Bohemian Switzerland” in the west-northern part of the Czech Republic) has become the favorite venue among regular MEM participants and the last 16 years of the MEM were organized almost exclusively there (with only two exceptions in 2001 and 2002).

The XXXVth MEM conference comprised 65 lectures fitting into its general topics, devoted to progress in electrochemistry of organic and bioactive compounds, including contributions oriented towards studies of mechanisms of electrochemical processes involving reducible or oxidizable organic species, development of novel materials for construction of working electrodes and electrochemical (bio)sensors, as well as analytical techniques designed for

the determination of biologically active compounds (such as toxic substances or drugs) in various matrices. Attention was paid to electrochemical analysis of biopolymers, their labeling with redox active species and prospective utilization in novel diagnostic approaches.

This issue contains 30 original papers from lectures presented at the XXXVth MEM. These articles comprise a representative selection of contributions covering the above topics of this year’s conference.

As Editors of this special issue, we would like to express our gratitude to the Editor-in-Chief of the journal, Peter Gärtner, and to the Managing Editor, Christian Hametner, for their assistance and cooperation, and to the staff of the Publisher, Springer Vienna, for their contribution to the special issue release. We are very glad that this special issue is the second in the order, devoted to the series of Modern Electrochemical Methods conferences. The first one was composed of the selected best contributions from the conference XXXIVth MEM (2014). Let us to express our hope that this is the start of a new, long and strong tradition.

Last but not least, we thank all authors for their great effort to contribute with results of their research, and all referees for valuable comments that helped to improve the quality of the manuscripts.

Enjoy reading!

✉ Tomáš Navrátil
navratil@jh-inst.cas.cz;
Tomas.Navratil@jh-inst.cas.cz

¹ Institute of Biophysics of the AS CR, v.v.i., Kralovopolská 135, 612 65 Brno, Czech Republic

² J. Heyrovský Institute of Physical Chemistry of the AS CR, v.v.i., Dolejškova 3, 182 23 Prague 8, Czech Republic