The 4th Cross-Border Seminar on Electroanalytical Chemistry (CBSEC 2022)

It is our pleasure to inform Czech, German, and European electroanalytical community and members of the International Society of Electrochemistry (ISE) and namely its Division 1 (Analytical Electrochemistry) that – after two years of limitations connected with Covid 19-pandemic – 4th CBSEC 2022 successfully took place on April 11-13, 2022 in Brdička lecture hall at J. Heyrovský Institute of Physical Chemistry in Prague (see https://web.natur.cuni.cz/~krizek/4th_CBSEC/ where you can download both program and book of abstracts). After official opening and welcome addresses delivered by Prof. Martin Hof, director of J. Heyrovský Institute of Physical Chemistry, Prof. Patrik Španěl, chairman of the Board of this institute, Dr. Petr Krtíl, ISE Executive Secretary, Prof. Jiří Zima, dean of Faculty of Science of Charles University in Prague, Prof. F.M. Matysík, University of Regensburg and Prof. Jiří Barek, Charles university (co-chairmen of 4th CBSEC) 24 students delivered their presentations covering practically all aspects of modern electroanalytical chemistry. At the end prof. Barek devoted his presentation to 100 years of discovery of polarography and the first paper in polarography published by Prof. Jaroslav Heyrovský in Chemické Listy (journal of Czech Chemical Society). Finally, student participants voted for the best presentations which were awarded by 100 EUR (sponsored by International Society of Electrochemistry) and by a travel grant for the Electrochemistry 2022 conference in Berlin (https://veranstaltungen.gdch.de/tms/frontend/index.cfm?l=11179&sp_id=2) sponsored by the electroanalytical working group (ELACh) of GDCH. The
following presenters were awarded (see diplomas attached to electronic version of this report):

**Seyyedehahe Bagherimetakzini:** Study of the electrochemical behavior of L-tyrosine and its determination

**Daniel Böhm:** Novel dual detection concept (amperometric detection / mass spectrometry) for capillary electrophoresis
**Martin Koall:** Determination of neonicotinoids utilizing capillary electrophoresis hyphenated to amperometric detection/mass spectrometry

**Sofia Tvoynska:** Construction and application of a perspective amperometric biosensing platform in flow injection analysis
As in previous seminars, all sessions were chaired by PhD students. At the end, we would like to thank the International Society of Electrochemistry, Charles University (Project of Strategic Partnership), J. Heyrovský Institute of Physical Chemistry, BTHA (The Bavarian-Czech Academic Agency) and Metrohm Company for kind financial support of prizes for the above-mentioned PhD students' best presentations and the whole seminar. And we also thank all participants for exciting presentations and we are looking forward to the 5th CBSEC 2023 at German side of the border which now unify not separate our students.

Frank-Michael Matysik, Tomáš Křížek and Jiří Barek
Principal organizers of 4th CBSEC
The Working Group Electrochemical Analytical Methods of the GDCh Division of Analytical Chemistry

presents the

Lecture Award 2022

to

Seyedehelahe Bagherimetkazini

in recognition of the excellent oral presentation given on the occasion of the “4th Cross-Border Seminar on Electroanalytical Chemistry”
April 11-13, 2022

Prague, 13th April 2022

Prof. Dr. Frank-Michael Matysik
Chair of the Working Group Electrochemical Analytical Methods

Prof. RNDr. Jiří Barek, CSc.
Division of Analytical Chemistry
Czech Chemical Society (ČSCh)
The Working Group Electrochemical Analytical Methods of the GDCh Division of Analytical Chemistry presents the

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to

Daniel Böhm

in recognition of the excellent oral presentation given on the occasion of the

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Prague, 13th April 2022

Prof. Dr. Frank Michael Matysik
Chair of the Working Group
Electrochemical Analytical Methods

Prof. RNDr. Jiří Beránek, CSc.
Division of Analytical Chemistry
Czech Chemical Society (ČSCH)
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Sofiia Tvorynska

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Prof. Dr. Frank-Michael Matysik
Chair of the Working Group Electrochemical Analytical Methods

Prof. RNDr. Jiří Barek, CSc.
Division of Analytical Chemistry
Czech Chemical Society (ČSCH)
Best Presentation Award
4th Cross-Border Seminar on Electroanalytical Chemistry
Prague, Czech Republic, April 11–13, 2022

Seyedehelahe Bagherimetakzini

Prof. RNDr. Jiří Barek, CSc.
Division of Analytical Chemistry
Czech Chemical Society (ČSCH)

RNDr. Tomáš Křížek, Ph.D.
Local organizing committee
Charles University, Faculty of Science

Prof. Dr. Frank-Michael Matysik
Division of Electroanalytical Chemistry
German Chemical Society (GDCh)

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Best Presentation Award
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