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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 Krtil, ISE Executive Secretary, Prof. Jiří Zima, dean of Faculty of Science of Charles University in Prague, Prof. F.M. Matysik, 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):

Seyedeheleha Bagherimetkazini: 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 Tvorynska: Construction and application of a perspective amperometric biosensing platform in flow injection analysis





Group photo of 4th CBSEC participants

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

Attachments –awarded diplomas





The Working Group Electrochemical Analytical Methods
of the GDCh Division of Analytical Chemistry

presents the

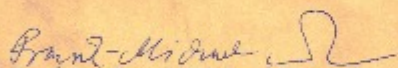
Lecture Award 2022

to

Daniel Böhm

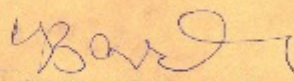
in recognition of the excellent oral presentation
given on the occasion of the
“4th Cross-Border Seminar on Electroanalytical Chemistry”
April 11-13, 2022

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)



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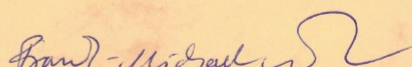
Lecture Award 2022

to

Martin Koall

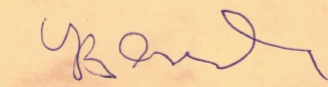
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Czech Chemical Society (ČSCH)



Best Presentation Award

4th Cross-Border Seminar on Electroanalytical Chemistry

Prague, Czech Republic, April 11–13, 2022

Seyedehelahe Bagherimetkazini

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 Matsysik
Division of Electroanalytical Chemistry
German Chemical Society (GDCh)



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4th Cross-Border Seminar on Electroanalytical Chemistry

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German Chemical Society (GDCh)



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Best Presentation Award

4th Cross-Border Seminar on Electroanalytical Chemistry

Prague, Czech Republic, April 11–13, 2022

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Czech Chemical Society (ČSCh)

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