

EuChemS-DAC Study Group / Task Force Annual Report for 2022-2023

Study Group / Task Force Name: Electroanalytical chemistry

Study Group / Task Force Head and Affiliation: Berek Jiri Charles University

Study Group / Task Force Members and Affiliations:

Barek Jiri Charles University Prague, Ozkan Sibel University of Ankara, Labuda Jan Slovak University of Technology Bratislava, Matysik F.M. University of Regensburg, Korotkova E.K. Tomsk Polytechnic University, Vyskocil Vlastimil Charles University Prague, Economou Tasos National and Kapodistrian University of Athens, Ignjatovic Ljubisa University of Belgrade, Mandler Daniel Hebrew University of Jerusalem, Moreira Josino FIOCRUX, Rio de Janeiro, Bret Christopher University of Coimbra, Pingarron Jose Complutense University of Madrid, Nesmerak Karel Charles University Prague, Tomas Krizek Charles University Prague

Objectives:

The main aim of the study group is to promote possibilities of modern electroanalytical methods and their benefits for society via organizing special sessions on electroanalytical chemistry in broad spectrum analytical and chemical conferences, student's competitions in electroanalytical chemistry, competitions of the best papers on electroanalytical chemistry for young electroanalytical chemists, international seminars for young electroanalytical chemist, exchange of students in electroanalytical chemistry, and network of electroanalytical laboratories. Attention is also paid to closer cooperation between electroanalytical laboratories in Europe and in Americas, Asia, Africa and Australia using the support of producers of electroanalytical instrumentation and international programs of the Erasmus+ type an cooperation via European society on electroanalytical chemistry (ESEAC), division V of IUPAC and European chemistry thematic network association (ECTNA). Moreover, the study group prepare and publish papers for generally oriented analytical journals promoting electroanalytical chemistry.

Activities and Outputs in 2022-2023 (e.g. reports, publications, seminars, meetings):

1. The 5th Cross-Border Seminar on Electroanalytical Chemistry (CBSEC 2023), Waldmünchen, 4. - 6. April 2023. For details see Chem. Listy 117, 473 (2023)

2. 18th International Students Conference 'Modern Analytical Chemistry' 2022 was held on September 15–16, 2022 at Charles University. See [18th International Students Conference 'Modern Analytical Chemistry' 2022 — Přírodovědecká fakulta UK \(cuni.cz\)](#)

3. 19th International Students Conference 'Modern Analytical Chemistry' 2023 will be held on September 15–16, 2022 at Charles University. See [19th International Students Conference 'Modern Analytical Chemistry' 2023 — Přírodovědecká fakulta UK \(cuni.cz\)](#)

4. Metrohm CZ Prize for best papers of young researchers from CZ and SK (3 prizes were awarded in 2023) Prague 1.2.2023 see Chem. Listy 117, 256 (2023) Three prizes were awarded.

4. Karel Stulik Price for the best work of undergraduate students of analytical chemistry from Czech and Slovak republic was held at Ostrava University in Ostrava on 8.2.2023. Special edition of selected presentation will be published in Czech chemical society symposium series in autumn 2023 and an article about this conference will be published in Chemické Listy.

5. Heyrovsky-Ilkovic-Nernst lecture organized jointly by Czech, Slovak and German society was held on 6.12.-9.12.2023 in Prague, Brno, and Bratislava. Lecture was delivered by prof. Kranz from Ulm, Germany.

On all International students conferences the prize for best presentation in electroanalytical chemistry supported by Metrohm CZ was awarded.

6. Joint electroanalytical seminars Charles University Prague-Macquarie university Sydney will be held on 12.-15.9.2023 in Prague.

7. Electroanalytical chemistry and DAC were promoted on IUPAC meetings, ESEAC meetings and ECTNA meetings especially in cooperation with prof. Labuda, Slovak Technical University Bratislava.

8. SC DAC seminar Analytical Chemistry and Nanoparticles was held on 1.4.2023 in Prague

Activities planned for 2023-2024

1. The 6th Cross-Border Seminar on Electroanalytical Chemistry (CBSEC 2023) will be held in Germany in spring 2023.

2. 19th International Students Conference 'Modern Analytical Chemistry' 2023 will be held in September 2023 in Prague.

3. Metrohm CZ Prize for best papers of young researchers from CZ and SK (3 prizes) will be held in spring 2024 at Charles University in Prague.

4. Karel Stulik Price for the best work of undergraduated students of analytical chemistry will be held in Hradec Kralove Czech Republic, in spring 2024.

On all International students conferences the prize for best presentation in electroanalytical chemistry supported by Metrohm CZ will be awarded.

5. Joint on line electroanalytical seminars Charles University Prague-Macquarie university Sydney and Hebrew University of Jerusalem will be organized in 2024.

5. Electroanalytical chemistry and DAC will be promoted on IUPAC meetings, ESEAC meetings and ECTNA meetings especially in cooperation with prof. Labuda, Slovak Technical University Bratislava

6. Heyrovsky-Ilkovic-Nernst lecture organized jointly by Czech, Slovak and German society will be held in Germany in autumn 2023.

Report submitted by: Jiri Barek

Date submitted: 25.07.23

Please do not exceed one page.