



4th Cross-Border Seminar on Electroanalytical Chemistry,
Prague, 11. – 13. April 2022

Preliminary program

Monday 11th April

Time	Presenter	Title
9:00		<i>Opening of the venue and registration</i>
13:00	Jiří Barek, Frank-Michael Matysik, Martin Hof, Patrik Španel, Petr Krtil, Jiri Zima	Opening of the seminar and welcome address
13:30	Liliia Loskutova	Voltammetric determination of some nitroso-compounds
14:00	Maxim Kartashov	Voltammetric determination of Rivaroxaban
14:30	Eva Bláhová	Voltammetric detection of cholesterol in milk matrices
15:00	Mohamed Ahmed	Coulometric Glucose Analysis after Removing Interferences Using Oxygen Scavenger
15:30	<i>Coffee break</i>	
16:00	Peter Čambal	Detection of dopamine on O-terminated single-crystal boron doped diamond electrodes
16:30	Seyedehelahe Bagherimetkazini	Study of the electrochemical behavior of L-tyrosine and its determination
17:00	Anna Ondráčková	Electrochemistry of Sudan I and its derivatives in Aqueous Media
17:30	Matěj Stočes	Metrohm CZ: Why is electrochemistry the key to the future
<i>Raut</i>		





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Tuesday 12th April

Time	Presenter	Title
9:30	Kateřina Čokrtová	On-capillary saccharides derivatization for CE
10:00	Daniel Böhm	Novel dual detection concept (amperometric detection / mass spectrometry) for capillary electrophoresis
10:30	Martin Koall	Determination of neonicotinoids utilizing capillary electrophoresis hyphenated to amperometric detection/MS
11:00	<i>Coffee break</i>	
11:30	Alice Tomnikova	Development of capillary electrophoresis method with laser induced fluorescence detection for liposome analysis
12:00	Anastasiya Ruchets	Application of dynamic methods to various gas sensors (<i>online</i>)
12:30	Janik Scharf	Towards In Operando Investigations on Lithium-Ion Cells to Improve the Performance for Use in Electric Vehicles
13:00	<i>Lunch</i>	
14:30	Tereza Bautkinová	Investigation of Titanium Hydride Properties for Application in Water Electrolysis with Proton Exchange Membrane
15:00	Martin Baroch	Utilization of antimony as a pseudo reference electrode
14:30	Michal Zelenský	Characterization of chem-mechanically polished boron doped diamond electrodes with laser-introduced sp ² carbon.
<i>Raut</i>		





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Wednesday 13th April

Time	Presenter	Title
9:30	Anne Müller	Measurement of hydrogen peroxide vapor with solid-state sensors (<i>online</i>)
10:00	Rene Pfeifer	Electrochemical Stability Window of Sodium Nitrate ``Water-in-Salt`` Electrolyte using Glassy Carbon Electrode
10:30	Lenka Benešová	7-dehydrocholesterol as precursor of cholesterol and cholecalciferol
11:00	<i>Coffee break</i>	
11:30	Sofia Tvorinska	Enzymatic mini-reactors coupled to silver solid amalgam transducers for electrochemical biosensing (<i>online</i>)
12:00	Kristýna Jelšíková	Electrochemical behaviour of sterols in dependence on the position of the double bond(s) in the steroid core
12:30	Soodabeh Hassanpour	Nanomaterials modified conductive ink-based electrochemical immunosensor for monitoring CA125 protein in plasma
13:00	Jiří Barek, Frank-Michael Matysik	Closing ceremony
13:15	<i>Lunch</i>	

