

Symposium

Oral presentation

Room Taurus, Monday - Friday

- s1 Gábor Mészáros, *Electrochemical Extension to the Improved Electromagnetic Piezoelectric Acoustic Sensor (EMPAS) Technique*, **Abstract.**
- s1 Frantisek Vavrek, Jakub Sebera, Viliam Kolivoska, Olena Butsyk, Gábor Mészáros, Magdaléna Hromadová, *Results of Simultaneous Measurement of Single Molecule Conductance and Thermopower in Molecular Junctions by Using a New Dynamic Method Based on STM-BJ Technique*, **Abstract.**
- s1 Gustavo Adrian Echeveste Salazar, Mariela Alicia Brites Helú, Alain Walcarius, Liang Liu, *Scanning gel electrochemical microscopy: Combination with quartz crystal microbalance for studying the electrolyte leakage*, **Abstract.**
- s1 Sweetey Ann Samuel, Gunther Wittstock, *Study of Matrix-Nanoparticle Interactions with a Thiol Modified Plumbagin-based Nanoparticle-imprinted Matrix*, **Abstract.**
- s1 Tomas Navratil, Marta Choinska-Mlynarczyk, Vojtech Hrdlicka, Jan Langmaier, Jana Skopalova, *Electrochemical Techniques for Addictive Substances and Drug Monitoring*, **Abstract.**
- s1 Jessica Smith, Jesús Alberto Agreda Bastidas, Andrea del Pilar Sandoval-Rojas, Henry Torrez Quezada, *Determination of the amount of substance of potassium hydrogen phthalate from the theoretical coulometric titration curve*, **Abstract.**
- s1 Piyush Sindhu Sharma, Katarzyna Bartold, Zofia Iskierko, Pawel Borowicz, Jakub Kalecki, Hung-Yin Lin, Chu-Yun Lin, Wlodzimierz Kutner, *Electrosynthesized Synthetic Receptors for Chemosensing of Macromolecules*, **Abstract.**
- s1 Moritz Josef Feil, Thomas Lorenz Maier, Matthias Golibrzuch, Malo Duportal, Markus Becherer, Katharina Krischer, *Differential Cyclic Plasm-Voltammetry on Macroscopic Gold Nano-Arrays*, **Abstract.**
- s1 Thomas Collet, Benny Wouters, Kristof Ramharter, Philipp Schmidt, Sebastiaan Eeltink, Annick Hubin, *A Combined Chemical and Electrochemical Analysis of the Thiourea Consumption During the Plating of Copper and its Effect on the Copper Reduction System*, **Abstract.**
- s1 Benny Wouters, Raf Claessens, Xinhua Zhu, Annick Hubin, *Development of a sensor based on Odd Random Phase Electrochemical Impedance Spectroscopy for in situ SoX determination*, **Abstract.**
- s1 Angelika Holzinger, Nicolás Rojas-Sanabria, Alonso Gamero-Quijano, Micheál D. Scanlon, *Characterisation of PEDOT/Au Thin Films Synthesised at the Immiscible Liquid|Liquid Interface*, **Abstract.**
- s1 Clara Gohlke, Sabita Bhandari, Anna K. Mechler, *Electrochemical Modification of Nickel-based Electrodes for the Oxygen Evolution Reaction (OER)*, **Abstract.**

- s1 Qiao Liu, Alain Walcarius, Liang Liu, *Mapping electrochemical reactivity via counter electrode electrochromic imaging*, **Abstract.**
- s1 Július Gajdár, Mathieu Etienne, Grégoire Herzog, *Free Sulphite Amperometric Sensor for Analysis in Wines*, **Abstract.**
- s1 Laura Gonzalez-Macia, Yunpeng Li, Kaijia Zhang, Estefania Nunez-Bajo, Giandrin Barandun, Yasin Cotur, Tarek Asfour, Philip Coatsworth, Firat Guder, *NFC-Potentiostat for On-site Diagnostics Powered by a Smartphone*, **Abstract.**
- s1 Vojtech Hrdlicka, Tomas Navratil, *Hollow fiber-based microextraction and voltammetric determination of catecholamine metabolites*, **Abstract.**
- s1 Sven Daboss, Tom Philipp, Krishnaveni Palanisamy, Christine Kranz, *Correlating Topography and Electrochemical Activity with Atomic Force Microscopy-Scanning Electrochemical Microscopy (AFM-SECM) at Hard Carbon Electrodes*, **Abstract.**
- s1 Ricardo Leote, Madalina Barsan, Adrian Enache, Victor Diculescu, *Flexible Biosensors for Continuous Monitoring of Uric Acid in Sweat*, **Abstract.**
- s1 Steven Linfield, Sylwester Gawinkowski, Wojciech Nogala, *Using fluorogenic reporting reactions to study low-current charge transfer processes*, **Abstract.**
- s1 Luigi Falciola, Silvia Comis, Daniele Fumagalli, Livia Nicolucci, Valentina Pifferi, Mariangela Longhi, *Photoelectrochemical detection of ciprofloxacin using (AuNPs + TiO₂) hybrid systems.*, **Abstract.**
- s1 Andela Bacinic, Tena Matijevic, Ivana Kero, Marina Mlakar, *Complexation of membrane phospholipids with metal ions in the marine environment*, **Abstract.**
- s1 Maria Gonzalez, Carlos España, Jesus Agreda, Andrea Sandoval-Rojas, *Copper interference in cadmium quantification by square wave anodic stripping voltammetry*, **Abstract.**
- s1 Daniël van den Berg, Ruud Kortlever, *Direct Quantification of Electrochemical CO₂ Reduction Products with an Improved DEMS Setup*, **Abstract.**
- s1 Vojtech Hrdlicka, Tomas Navratil, *Hollow fiber-based microextraction and voltammetric determination of catecholamine metabolites*, **Abstract.**
- s1 Noelia Felipe Montiel, Marc Parrilla, Nick Slegers, Filip Van Durme, Alexander L.N. Van Nujis, Karolien De Wael, *Tackling the illicit production of synthetic drugs through a novel on-site electrochemical flowchart of ATS precursors*, **Abstract.**
- s1 Alexandra Belcovici, Laura Elena Muresan, Ioana Mihaela Perhaita, Graziella Liana Turdean, *Heavy metals electrochemical detection using zinc oxide nanoparticles*, **Abstract.**
- s1 Gunther Wittstock, Svenja Baues, Heinrich Vocke, Lena Harms, Konstantin K. Rücker, Michael Wark, *New Approaches for Screening Photoelectrocatalysts for Activity and Stability*, **Abstract.**
- s1 Wolfgang Schuhmann, Thomas Quast, Jian Zhang, *The Single-Nanoparticle-on-the-Nanoelectrode Approach in Electrocatalyst Research*, **Abstract.**

