

PROGRAMME

Sunday, June 5

17:00-19:00	Welcome reception	The townhall Vilnius (Didžioji g. 31, LT-01128 Vilnius)
17:00	Registration	
17:30	Opening. Welcome words by the <i>Chair of the Organising Committee</i> Prof. Rasa Pauliukaite <i>Vice Minister of the Ministry of Science, Sport and Education</i> Dr. Ramūnas Skaudžius <i>President of Lithuanian Academy of Science</i> Prof. Juras Banys A representative from Vilnius Municipality	
17:45	Meet together with a glass of wine	
18:15	Concert of Folk Music Ensemble "Ratilio"	

Monday, June 6

08:00-09:00	Registration			
Plenary session, Hall R106				
Chairperson: Rasa Pauliukaite				
09:00-09:15	Opening ceremony			
09:15-10:00	PL-1	<i>Enzymatic bioelectrocatalysis for energy and synthesis applications</i>	Prof. Shelley Minteer	United States of America
Plenary Lecture (online)				
10:00-10:30	K-1	<i>New electrochemical approaches in redox biology research: bioactive electrophiles</i>	Prof. Jan Vacek	Czech Republic
Keynote Lecture				
Session 1, Hall R106				
Chairmen: Jiří Barek and Lars Jeuken				
10:30-10:50	I-1	<i>New electrode architectures based on electrospun polymeric fibers for (bio)sensing applications</i>	Dr. Victor Diculescu	Romania
Invited				
10:50-11:10	Coffee break			

11:10-11:30	O-1	<i>Hybrid light-emitting bipolar electrochemical devices for the straightforward readout of chiral information</i>	Dr. Gerardo Salinas	France
11:30-11:50	O-2	<i>Miniaturized electrochemical sensors for in-field monitoring of chemical oxygen demand</i>	Dr. Wenchao Duan	Spain
11:50-12:10	O-3	<i>Latent fingerprint enhancement on brass substrates with the aid of electrochromic and redox polymer deposition</i>	Colm McKeever	Ireland
12:10-12:30	O-4	<i>Design of low potential viologen-modified redox polymers for bioelectrochemical applications</i>	Anna Lielpetere	Germany

Session 2, Hall R101

Chairmen: Anastasios Economou and Klaus Mathwig

10:30-10:50 Invited	I-2	<i>Sensorial enzyme activity measurement via selective electrochemical substrate/product detection</i>	Prof. Fred Lisdat	Germany
10:50-11:10	Coffee break			
11:10-11:30	O-21	<i>Iridium neural probes as a platform for enzymatic biosensing</i>	Alexander Macdonald	United Kingdom
11:30-11:50	O-22	<i>pH sensitive electrochemical sensor for catecholamine detection and screening of ascorbic acid</i>	Dr. Philani Mashazi	South Africa
11:50-12:10	O-23	<i>Synthesis and design of amperometric biosensors for biomedical applications</i>	Dr. Marius Dagys	Spain
12:10-12:30	O-24	<i>Bienzymatic biosensors for detection of pharmaceutical compounds</i>	Ricardo J. B. Leote	Romania
12:30-13:30	Lunch			

Keynote session, Hall R106

Chairman: Jan Vacek

13:30-14:00 Keynote Lecture	K-2	<i>Innovative concepts for detection ions by electroanalysis</i>	Prof. Eric Bakker	Switzerland
14:00-14:20	<i>ESEAC History</i>		Prof. Rasa Pauliukaite	

Session 3, Hall R106

Chairmen: Victor Diculescu and Marius Dagys

14:20-14:40 Invited	I-3	<i>Potential of electrochemical (bio)sensors for wound diagnostics and monitoring</i>	Dr. Edita Voitechovič	Lithuania
14:40-15:00	O-5	<i>Intelligent microelectrodes arrays for biofluids analysis</i>	Dr. Hadar Ben-Yoav	Israel

15:00-15:20	O-6	<i>Interaction of oligonucleotides and BSA protein with silver amalgam particles electrodeposited on various substrates</i>	Dr. Ales Danhel	Czech Republic
15:20-15:40	O-7	<i>Hexagonally packed macroporous molecularly imprinted polymers for chemosensing of follicle-stimulating hormone (FSH) protein</i>	Jakub Kalęcki	Poland

Session 4, Hall R101

Chairmen: Fred Lisdat and Gedinimas Niaura

14:20-14:40 Invited	I-4	<i>Enhancing sensor performance: Nanostructured modified electrodes with electroactive polymers prepared in deep eutectic solvents</i>	Prof. Christopher M.A. Brett	Portugal
14:40-15:00	O-25	<i>New strategies for improving sensing properties of novel electrode materials via their surface pretreatment or modification</i>	Prof. Jiří Barek	Czech Republic
15:00-15:20	O-26	<i>Mediated amperometry as a prospective method for the investigation of electroporation</i>	Dr. Povilas Šimonis	Lithuania
15:20-15:40	O-27	<i>Electrochemical techniques for in situ modification of screen printed electrodes for biosensors development</i>	Laura García-Carmona	Spain

15:40-16:40 Coffee break and Poster session

Session 5, Hall R106

Chairperson: Edita Voitechovič

16:40-17:00	O-8	<i>Platinum black-modified microelectrodes for biomedically and photocatalytically relevant hydrogen peroxide detection</i>	Andreas Hellmann	Germany
17:00-17:20	O-9	<i>Development of a flow microsensor for selective detection of nitric oxide</i>	Dr. Laurent Thouin	France
17:20-17:40	O-10	<i>An investigation into the development of electrochemical screen-printed biosensors for fatty acid analysis</i>	Dr. Amy Smart	United Kingdom

Session 6, Hall R101

Chairman: Christopher Brett

16:40-17:00	O-28	<i>Functionalized conducting polymers for molecular imprinting of small to macromolecules</i>	Dr. Piyush Sindhu Sharma	Poland
17:00-17:20	O-29	<i>Fast Fourier transform electrochemical impedance</i>	Dr. Aušra Valiūnienė	Lithuania

		<i>spectroscopy for monitoring surface modification</i>		
17:20-17:40	O-40	<i>Deep eutectic solvents with bio-based chiral cations: A Novel electroanalytical tool for the enantiomeric excess determination of chiral probes</i>	Dr. Serena Arnaboldi	Italy
17:40		<i>Meeting of the ESEAC Board</i>		
19:00-21:00	Walking excursion in Vilnius city centre offered by Go Vilnius			Vilnius Cathedral Square (Katedros a. 2, 01143 Vilnius)

Tuesday, June 7

8:00-9:00	Registration			
Plenary session, Hall R106				
Chairman: Gintaras Valinčius				
09:00-09:45	PL-2	<i>In vivo electrochemistry: From electrocatalysis to sensing</i>	Prof. Lanqun Mao	China
Plenary Lecture (online)				
09:45-10:15	K-3	<i>Using plasmonics to boost the electrochemical detection of analytes</i>	Prof. Susana Inês Córdoba de Torresi	Brazil
Keynote Lecture				
Session 1, Hall R106				
Chairpersons: Christine Kranz and Arūnas Ramanavičius				
10:15-10:35	I-5	<i>3D-printed devices for electrochemical sensing</i>	Prof. Christos Kokkinos	Greece
Invited				
10:35-11:00	Coffee break			
11:00-11:20	I-7	<i>Bioelectrochemical assay platform to screen antimicrobial agents targetting respiratory enzymes: Unexpected membrane activity of phenothiazines</i>	Prof. Lars Jeuken	United Kingdom
Invited				
11:20-11:40	O-11	<i>Graphene-gold nanoparticles nanozyme-based electrochemical sensor with enhanced laccase-like activity for determination of phenolic substrates</i>	Dr. Livia Alexandra Dinu Gugoasa	Romania
11:40-12:00	O-12	<i>Programmable dual-step pen-on-paper fabrication and applications of electrochemical paper-based devices</i>	Prof. Anastasios Economou	Greece

12:00-12:20	O-13	<i>Light-controlled detection of biocatalytic reactions for multiplex sensing</i>	Dr. Felipe Conzuelo	Portugal
Session 2, Hall R101				
Chairmen: Samo Hočevár and Rodrigo Muñoz				
10:15-10:35 Invited	I-6	<i>Simultaneous voltammetric determination of acetaminophen, ascorbic acid and uric acid by use of integrated array of sensors modified with mesoporous carbon and metallic nanoparticles</i>	Prof. Manel del Valle	Spain
10:35-11:00	Coffee break			
11:00-11:20	O-30	<i>Direct covalent immobilization of new nitrogen-doped carbon nanodots by electrografting for sensing applications</i>	Cristina Gutiérrez-Sánchez	Spain
11:20-11:40	O-31	<i>On the electrooxidation of steroids</i>	Dr. Karolina Schwarzova-Peckova	Czech Republic
11:40-12:00	O-32	<i>Generation of nanoparticles by spark discharge: In-situ tailoring of the electrode surface with a 3D positioning device</i>	Prof. Mamas Prodromidis	Greece
12:00-12:20	O-33	<i>Silicon microtechnologies based microsurface engineering for biosensing applications</i>	Vuslat B. Juska	Ireland
12:20-13:30	Lunch			
Keynote session, Hall R106				
Chairman: Eric Bakker				
13:30-14:00 Keynote Lecture (online)	K-4	<i>Low cost machined and 3D-printed multiplexed microfluidic arrays for cancer diagnostics</i>	Prof. James Rusling	United States of America
Session 3, Hall R106				
Chairmen: Christos Kokkinos and Anthony Killard				
14:00-14:20 Invited	I-8	<i>Scanning electrochemical probe microscopy to study light-driven water splitting</i>	Prof. Christine Kranz	Germany
14:20-14:40	O-14	<i>Microfluidic bi-amperometric Karl Fischer titration</i>	Dr. Klaus Mathwig	The Netherlands
14:40-15:00	O-15	<i>Green HPLC-ED using 0.2 mm pencil graphite electrode</i>	Dr. Jan Hrbac	Czech Republic
Session 4, Hall R101				
Chairmen: Manel del Valle and Mamas Prodromidis				

14:00-14:20 Invited	I-9	<i>Copper electrode for electrochemical (stripping) analysis</i>	Dr. Samo Hočevar	Slovenia
14:20-14:40	O-34	<i>On the oxidation and reduction mechanism of bioactive compounds, electrochemical and spectroelectrochemical investigation</i>	Dr. Romana Sokolova	Czech Republic
14:40-15:00	O-35	<i>Chiral imprinted metal surfaces for tunable electrodiscrimination of enantiomers</i>	Prof. Alexander Kuhn	France
15:00-16:00	Poster session - Coffee break			
16:00-16:40	Meet Professor session for students			
16:40	3 min presentation of students' posters			

Wednesday, June 8

8:00-9:00	Registration			
Plenary session, Hall R106				
Chairperson: Susana Inês Córdoba de Torresi				
09:00-09:45 Plenary Lecture (online)	PL-3	<i>Up close: New ways to see electrodes and electrified interfaces</i>	Prof. Patrick R. Unwin	United Kingdom
09:45-10:15 Keynote Lecture	K-5	<i>The internet of 'biochemical' things: can electrochemical sensors digitise the molecular world?</i>	Prof. Dermot Diamond	Ireland
Session 1, Hall R106				
Chairpersons: Felipe Conzuelo and Karolina Sipa				
10:15-10:35 Invited	I-10	<i>Analytica systems for diagnostics of COVID 19</i>	Prof. Arūnas Ramanavičius	Lithuania
10:35-11:00	Coffee break			
11:00-11:20	O-16	<i>Immobilized antibodies on mercaptophenylboronic acid monolayers for dual-strategy detection of 20s proteasome</i>	Caroline G. Sanz	Romania
11:20-11:40	O-17	<i>Recent findings in DNA electrochemistry: Electrocatalytic activity of nucleobase residues and surface activity of homonucleotide blocks</i>	Prof. Miroslav Fojta	Czech Republic
11:40-12:00	O-18	<i>Structured silver-nanoparticle-modified polydopamine films: synthesis and antimicrobial activity</i>	Giada Caniglia	Germany

Session 2, Hall R101				
Chairpersons: Jurga Juodkazytė and Wolfgang Schuhmann				
10:15-10:35 Invited	I-11	<i>Additive-manufactured electroanalytical devices for forensic applications</i>	Prof. Rodrigo Muñoz	Brazil
10:35-11:00	Coffee break			
11:00-11:20	O-36	<i>Microscopic activity for the hydrogen evolution reaction of the layered max phase electrocatalyst</i>	Katarina Novčić	Czech Republic
11:20-11:40	O-37	<i>Wax screen printed fabric-based colorimetric microfluidic wearable biosensor for the determination of biomarkers in sweat</i>	Dr. Eleni Tzianni	Greece
11:40-12:00	O-38	<i>Development of a novel amperometric method for invertase activity determination in honey samples</i>	Dr. Beáta Bóka	Hungary
12:00	Optional visit to FTMC and GMC laboratories			
12:20-13:10	Lunch			
13:15-19:00	Excursion to Trakai			
19:00-22:00	Gala dinner in Užutrakis restaurant „Fransua“			

Thursday, June 9

Plenary session, Hall R106				
Chairman: Dermot Diamond				
09:00-09:45 Plenary Lecture (online)	PL-4	<i>Infrared spectroscopy: fingerprinting spectral range, resolution, sensitivity</i>	Prof. Saulius Juodkazis	Australia
09:45-10:15 Keynote Lecture	K-6	<i>Detection and destruction of biofilms</i>	Prof. Ritu Katakay	United Kingdom
Session 1, Hall R106				
Chairpersons: Serena Arnaboldi and Alexander Kuhn				
10:15-10:35 Invited	I-12	<i>Polyaniline for ammonia detection – from polymer chemistry to analytical application</i>	Prof. Anthony J. Killard	United Kingdom
10:35-11:00	Coffee break			
11:00-11:20	O-19	<i>Scanning electrochemical impedance microscopy for the evaluation of biological surfaces</i>	Dr. Inga Morkvėnaitė-Vilkončienė	Lithuania

11:20-11:40	O-20	<i>Understanding the capacity fade of NaTi₂(PO₄)₃ anode in aqueous Na-ion batteries</i>	Dr. Jurga Juodkazytė	Lithuania
Session 2, Hall R101				
Chairmen: Ladislav Novotny and Miroslav Fojta				
10:15-10:35 Invited	I-13	<i>A novel catalytic equilibrium biosensor concept for long-term implantable glucose sensors</i>	Prof. Wolfgang Schuhmann	Germany
10:35-11:00	Coffee Break			
11:00-11:20	O-39	<i>New approaches in ion conducting polymer membrane testing</i>	Dr. Guntars Vaivars	Latvia
11:20-11:40	O-41	<i>Implantable glucose biofuel cells to supply-power implantable medical devices</i>	Abdelkader Zebda	France
Keynote Session, Hall R106				
Chairman: Ritu Katakya				
11:40-12:10 Keynote Lecture	K-7	<i>Electrochemical Surface-Enhanced Raman Spectroscopy Analysis of Structure and Function of Adsorbed Molecules</i>	Dr. Gediminas Niaura	Lithuania
12:10-12:30	Closing remarks			

Posters

P-1	<i>Micropipette tips as multifunctional low-cost tools for electroanalytical (bio)sensing</i>	Andrea González-López, Ilaria Stanzione, Paula I. Nanni, Estefanía Núñez-Bajo, Estefanía Costa-Rama , Anna Pennacchio, Alessandra Piscitelli, Rossana E. Madrid, Paola Giardina, M. Teresa Fernández-Abedul	Spain
P-2	<i>Developing an electrochemical glucose sweat sensor using nanoband electrodes</i>	Fiona Moore , Ilka Schmüser, Jonathan Terry, Andrew Mount	United Kingdom
P-3	<i>Amperometric sensor for free sulphite determination in wines</i>	Július Gajdár , Grégoire Herzog, Pablo Fanjul Bolado, Laurent Akrou, Mathieu Etienne	France
P-4	<i>Do it yourself (DIY) soft sensing platforms</i>	Lukasz Poltorak , Paulina Borgul, Karolina Sobczak,	Poland

		Konrad Rudnicki, Slawomira Skrzypek	
P-5	<i>Simultaneous determination of hydroquinone and catechol using highly conductive Ketjen black screen-printed electrodes treated with electrical discharge</i>	Maria G. Trachioti , Mamas I. Prodromidis	Greece
P-6	<i>Ferrocene-functionalized glucose oxidase for a detection of glucose without oxygen</i>	Vygailė Dudkaitė , Elžbieta Ragauskaitė, Gintautas Bagdžiūnas	Lithuania
P-7	<i>Metal oxide as a substrate for tethered bilayer lipid membrane formation</i>	Inga Gabriunaite , Aušra Valiūnienė, Gintaras Valincius	Lithuania
P-8	<i>Microbial fuel cell for monitoring of nitrite ion concentration in artificial wastewater</i>	Kristina Kantminienė, Nerita Žmuidzinaičienė, Ilona Jonuškienė, Egidijus Griškonis	Lithuania
P-9	<i>Reliable Alzheimer's disease diagnosis by quadruple electrochemical immunosensing in blood</i>	Alejandro Valverde , J.M. Gordón-Pidal, Ana Montero-Calle, B. Arévalo, V. Serafín, M. Calero, M. Moreno-Guzmán, M.A. López, A. Escarpa, P. Yáñez-Sedeño, R. Barderas, S. Campuzano, J. M. Pingarrón	Spain
P-10	<i>Ultra-sensitive hydrogen peroxide determination in human cells by using novel two-dimensional cobalt-based electrocatalysts</i>	Maria Siampani, Maria Brazioti, Alexandros Ch. Lazanas , Mamas I. Prodromidis	Greece
P-11	<i>Direct electron transfer from indium tin oxide to photosystem I in biohybrid photovoltaics</i>	Sascha Morlock, Mark Riedel, Senthil Kumar Subramanian, Athina Zouni, Fred Lisdat	Germany
P-12	<i>A photobioelectrochemical H₂O/O₂ cell based on photosystem II and quantum dots</i>	Mark Riedel, Fred Lisdat	Germany
P-13	<i>Superoxide detection in cell culture media with biosensors based on electrospun fibers</i>	Caroline G. Sanz , Anca Aldea, Daniel Crisan, Ricardo B. Leote, Melania L. Onea, Madalina M. Barsan	Romania
P-14	<i>Electrochemical detection of oxidative stress biomarkers using biologically synthesized nanoparticles</i>	Melinda David , Camelia Bala, Monica Florescu	Romania
P-15	<i>Electrochemical bioplatfom for determination of high-risk HPV infection in clinical samples without DNA extraction</i>	Nasim Izadi , Ravery Sebuyoya, Ludmila Moranova, Milan Anton, Roman Hrstka, Martin Bartosik	Czech Republic
P-16	<i>Electrochemical detection of the cancer biomarkers on modified electrodes</i>	Paweł Niedziałkowski , Jacek Ryl, Adrian Koterwa, Magdalena Bojko, Anna Wcisło, Marta Spodzieja, Katarzyna Magiera-Mularz,	Poland

		Katarzyna Guzik, Grzegorz Dubin, Tad A. Holak, Tadeusz Ossowski, Sylwia Rodziewicz-Motowidło	
P-17	<i>Evaluation of electroporation and yeast cell death by amperometry</i>	Sabina Pavliukovič , Povilas Šimonis, Greta Gančytė, Rasa Garjonytė, Arūnas Stirkė	Lithuania
P-18	<i>A two silver electrode-based one microliter volume integrated screen-printed wearable cell for cystic fibrosis</i>	Stamatis Argyroudis , Mamas I. Prodromidis	Greece
P-19	<i>Electrochemical impedance measurements in EC-AFM configuration</i>	Artur Zieliński	Poland
P-20	<i>UV-VIS spectroelectrochemical sensor for the detection of thiram pesticide</i>	David Ibáñez, María Begoña González-García, Paula Caldevilla-Collado, David Hernández-Santos, Pablo Fanjul-Bolado	Spain
P-21	<i>A 3-electrode sensor fabricated by physical vapour deposition for the voltammetric determination of trace arsenic</i>	Anastasios Economou , J. Gonciarczyk, C. Kokkinos, A. Bobrowski	Greece
P-22	<i>Fabrication of a low-cost portable potentiostat as a detection module for electrochemical paper-based devices</i>	I. Papaefthiou, N. Thomaidis, C. Kokkinos, Anastasios Economou , I. Raptis, V. Christianidis	Greece
P-23	<i>Indirect galvanostatic destruction of selected organic substances from industrial waters on boron-doped diamond electrode</i>	Gabriela Kuchtová , Ladislav Novotný, Petr Mikulášek, Libor Dušek	Czech Republic
P-24	<i>Decentralized diagnosis of infectious diseases combining loop-mediated isothermal amplification with electroanalytical approaches: Phenol red and metallic nanoclusters as indicators</i>	Pablo Rioboó Legaspi, Alejandro Rodríguez-Penedo, Andrea González-López, José Francisco Beltrán Sánchez, Beatriz Fernández, Rosario Pereiro, María del Mar García Suárez, M. Dolores Cima Cabal, Antonio Javier García Sánchez, Toribio Fernández Otero, Joan Garcia-Haro, Estefanía Costa-Rama, M. Teresa Fernández Abedul	Spain
P-25	<i>Enzymatic hydrolysis as a new method activation of 3D-printed polylactide carbon black electrodes (CB-PLA)</i>	Adrian Koterwa , Iwona Kaczmarzyk, Mateusz Cieślik, Amanda Kulpa-Koterwa, Robert Bogdanowicz, Jacek Ryl, Paweł Niedziałkowski	Poland
P-26	<i>Benefiting from information-rich multi-frequency ac voltammetry coupled with chemometrics on the example of online monitoring of leveler component of electroplating bath</i>	Aleksander Jaworski , Kazimierz Wikiel, Hanna Wikiel	United States of America

P-27	<i>Oxygen reduction at glassy carbon electrode in alkaline electrolytes based on binary DMSO-water solvent mixtures</i>	Katarzyna Szwabińska , Grzegorz Lota	Poland
P-28	<i>Energy and other aspects in monitoring galvanostatic and other technologies, e.g. zinc separation in viscose production</i>	Ladislav Novotný , Gabriela Kuchtová, Aneta Karásková, Petr Mikulášek, Libor Dušek	Czech Republic
P-29	<i>Electrochemical generation of tunable concentration gradients in microfluidic channels</i>	Thomas Abadie, Pierre Perrodin, Catherine Sella, Laurent Thouin	France
P-30	Electrochemical determination of velocity, size and content of droplets in microfluidic channels	Thomas Delahaye, Teo Lombardo, Catherine Sella, Laurent Thouin	France
P-31	Metallic mass-produced materials as the basis of low-cost (bio)electroanalytical devices: Pins, staples, and thumbtacks	Estefania Costa-Rama , A. González-López, O. Amor-Gutiérrez, P.I. Nanni, A. García-Miranda Ferrari, E. Nuñez-Bajo, R.E. Madrid, M.T. Fernández-Abedul	Spain
P-32	<i>The development of dedicated 3d printed poly(lactic acid) structures with conductive fillers for electroanalytical applications</i>	Mateusz Cieslik , Krzysztof Formela, Robert Bogdanowicz, Mariusz Banasiak, Jacek Ryl	Poland
P-33	<i>3D printed electrodes for electrochemical sensing applications</i>	Mohamed Abdealkder , Rasa Pauliukaite	Lithuania
P-34	<i>Multisine impedimetric probing for label-free detection of biocatalytic reactions</i>	Jacek Ryl , Paweł Niedziałkowski, Joanna Wysocka, Paweł Ślepski, Robert Bogdanowicz	Poland
P-35	<i>Insights into an optical acidity sensor based on electrografted polyaniline</i>	Samuelis Marčiukaitis , Ingrida Radveikienė, Gintautas Bagdžiūnas	Lithuania
P-36	<i>Sweat analysis with flexible sensors based on electrospun polymeric fibers</i>	Anca Aldea , Ricardo J.B. Leote, Victor C. Diculescu	Romania
P-37	<i>Voltametric sensor based on poly-alizarin red s for the simultaneous detection of anthracene and phenanthrene</i>	Ionela Raluca Comnea-Stancu , Jacobus Frederick van Staden, Raluca-Ioana Stefan-van Staden	Romania
P-38	<i>Monitoring of polyurethane penetration into alumina coating by Raman spectroscopy</i>	Tadas Matijošius , Ilja Ignatjev, Svajus J. Asadauskas	Lithuania
P-39	<i>Development of novel pH sensor based on polyfolate modified electrodes</i>	Vytautas Žutautas , Rasa Pauliukaite	Lithuania
P-40	<i>Influence of the construction material on the behaviour of the diamond microelectrodes</i>	Hana Dejmková , Andrew Taylor, Vincent Mortet, Karolina Schwarzová-Pecková	Czech Republic
P-41	<i>Tracking the oxidation processes of triclosan in the environmental samples by electrochemical studies at boron doped diamond electrodes</i>	Iwona Kaczmarzyk , Paweł Jakóbczyk, Paweł Rostkowski, Jacek Ryl, Robert Bogdanowicz	Poland

P-42	<i>Alteration of ZnO films photoelectrochemical properties and morphology depending on deposition method</i>	Agnė Šulčiūtė, Sinkevičiūtė, Žmuidzinašienė	Dovilė Nerita	Lithuania
P-43	<i>The study of electrochemical behaviour and adsorption of methyl viologen on differently pre-treated boron doped diamond surfaces</i>	Lucie Fořtová, Schwarzová-Pecková, Jan Fischer	Karolina Jan	Czech Republic
P-44	<i>Switchable voltammetric response of electrodes modified with a mesoporous silica thin film and a polyelectrolyte multilayer</i>	Karolina Sipa, Rudnicki, Neus Vila, Gregoire Herzog, Sławomira Skrzypek, Lukasz Poltorak, Alain Walcarius	Konrad	Poland
P-45	<i>Study of interactions and adsorption properties of bile acids by capacitive and voltammetric measurements</i>	Polina Yershova, Lukáš Fojt, Kristýna Jelšíková, Karolina Schwarzová-Pecková		Czech Republic
P-46	<i>Flexible and conductive biocompatible chitosan-based membranes for energy harvesting</i>	Marta Vegas García		Spain
P-47	<i>On the use of modified graphene-based electrode for analysis of uranium in aqueous solutions</i>	Martin Straka, Lorant Szatmáry, Michal Šuhájek		Czech Republic
P-48	<i>Electrochemical comparison of as-grown and chem-mechanically polished h-terminated polycrystalline boron doped diamond electrodes with different boron doping levels</i>	Michal Zelenský, Jan Fischer, Simona Baluchová, Andrew Taylor, Vincent Mortet, Ladislav Fekete, Ladislav Klimša, Jaromír Kopeček, Soumen Mandal, Johannes Eidenschink, Oliver A. Williams, Frank-Michael Matysik, Karolina Schwarzová -Pecková		Czech Republic
P-49	<i>New screen-printed sensors with chemically deposited boron-doped diamond electrode modified by gold nanoparticles</i>	Oleksandr Matvieiev, Renáta Šelešovská, and Jaromíra Chýlková		Czech Republic
P-50	<i>AgAu hollow nanoshells on layered graphene oxide and silica submicrospheres as plasmonic nanozymes for light-enhanced electrochemical H₂O₂ sensing</i>	Rafael Trivella Pacheco da Silva		Brazil
P-51	<i>PdCo₃O₄/C – efficient catalyst for oxygen reduction reaction</i>	S. Rafique, R. Stagniūnaitė, V. Kepėnienė, J. Vaičiūnienė, A. Selskis, L. Tamašauskaitė- Tamašiūnaitė, E. Norkus		Lithuania
P-52	<i>New Bismarck brown functionalized graphene oxide nanocomposite as electrode material for the electroanalysis of dopamine</i>	Justina Gaidukevic, Ruta Aukstakojyte, Rasa Pauliukaite		Lithuania
P-53	<i>Electrochemical genosensors for the detection of long non-coding RNAs upregulated in cancer</i>	Raquel Sánchez-Salcedo, Rebeca Miranda-Castro, Noemí de-los-Santos-Álvarez, María Jesús Lobo-Castañón		Spain
P-54	<i>Structure-dependent DNA hybridization at the pyrolytic graphite electrode surface</i>	Hana Pivoňková, Ondrej Hesko, Miroslav Fojta		Czech Republic

P-55	<i>Utilization of flow techniques in electrochemical detection of DNA</i>	Martin Baroch , Michal Augustín, Karolina Schwarzová-Pecková, Miroslav Fojta, Jan Špaček, Hana Dejmková	Czech Republic
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