PROGRAM

Sunday, June 11, 2017

14.00–	**Registration**
16.00	**Coffee**
18.00	**Opening**
18.10	**György Csóka** NARIC Forest Research Institute, Mátrafüred, Hungary *Short Stories About Forest Insects*
19.30	**Conference Dinner**

Monday, June 12, 2017

9.00–9.25 **F.W. Scheller**, K. J. Jetzschmann, X. Zhang, A. Yarman, U. Wollenberger, J. Erdőssy, R. E. Gyurcsányi
University of Potsdam, Potsdam, Germany
Electrosynthesized MIPs for Proteins: Plastibodies or Nano-Filters

9.25–9.50 **Peter A. Lieberzeit**, Nam Phan Van Ho, Suticha Chunta, Krongkaew Navakul, Chak Sangma
University of Vienna, Vienna, Austria
Bringing forward MIP-based Sensing: Tuning Materials Properties and Assay Formats

9.50–10.10 **Daniel Mandler**, S. Kraus, N. Bruchiel-Spanier, Y. Pisman, M. Hitrik
The Hebrew University of Jerusalem, Jerusalem, Israel
Speciation of Nanoparticles by Nanoparticles Imprinted Matrices (NAIM)

10.10–10.30 **Egor A. Andreev**, Maria A. Komkova, Arkady A. Karyakin
Lomonosov Moscow State University, Moscow, Russia
Boronate-Substituted Polyaniline Conductivity Increase upon Specific Binding: towards Reagentless Microorganism Detection

10.30–11.00 **Coffee Break**

11.00–11.25 **Alain Walcarius**
Université de Lorraine, Villers-les-Nancy, France
Interest of Vertically Aligned Mesoporous Silica Films in Electroanalysis

11.25–11.50 **Niels Peter Revsbech**
Aarhus University, Denmark
Trapping of Interfering Chemical Species in Clark-Type Electrochemical Sensors for N_2O, H_2, and CO_2

11.50–12.10 **Maria Cuartero**, Gastón A. Crespo, Eric Bakker
University of Geneva, Geneva, Switzerland
Novel Concepts For In Situ *Environmental Water Analysis with Membrane Electrodes*

12.10–12.30 **Yu Qin**, Hang Ren, Elizabeth J. Brisbois, Andrew Hunt, Nicolai Lehnert, Joanna Zajda, Mark E. Meyerhoff
University of Michigan, Ann Arbor, USA
Electrochemically Modulated Delivery of Nitric Oxide (NO) for Biomedical Applications: From Improved Intravascular Catheters and Chemical Sensors to Inhaled NO Therapy

12.40 **Lunch**

15.30–16.00 **Coffee**

16.00–16.25 **Eric Bakker**, Maria Cuartero, Gaston Crespo, Dajing Yuan
University of Geneva, Geneva, Switzerland
Thin Polymeric Films for Ion Sensing and Ionophore Characterization

16.25–16.50 **Dipankar Koley**
Oregon State University, Corvallis, OR, USA
Solid-State Potentiometric Microsensors and Scanning Electrochemical Microscopy (SECM): A New Tool to Study Microbial Metabolism

16.50–17.10 Jörg Peter, Sarasi K.K. Galagedera, **Gerd-Uwe Flechsig**
University at Albany – SUNY, Albany, NY, USA
Redox-induced Switching of DNA-layers Observed by EQCM on a Millisecond Timescale and the Effect of Heavy Water

17.10–17.20 **Break**

17.20–17.40 **Gennady A. Evtugyn**, Ivan I. Stoikov
Kazan Federal University, Kazan, Russian Federation
Pillar[5]arene as a New Platform for Electrochemical (Bio)sensors

17.40–18.00 **Ján Labuda**, Jana Blaškovičová, Veronika Svitková, Anastasios Koutsogiannis, Jozef Sochr
Slovak University of Technology in Bratislava, Bratislava, Slovakia
Nanoparticles and UV-C Induced DNA Damage Detected by Electrochemical DNA-Based Biosensors

18.00–18.20 Atul Sharma, Sunil Bhand, **Jean Louis Marty**
Université de Perpignan, Perpignan, France
A Label-Free, Disposable and Portable Impedimetric Aptasensor for Determination of Kanamycin in Milk Sample

18.20–18.40 **Jason C. Harper**, Robert J. Meagher
Sandia National Laboratories, Albuquerque, NM, USA
Single-Step, One-Pot, DNA Amplification & Electrochemical Detection via Loop-Mediated Isothermal Amplification (LAMP)

18.50 **Dinner**

20.00 –22.00 **Poster Session**

Tuesday, June 13, 2017

9.00–9.25	**J. Justin Gooding**, Roya Tavallaie, Saimon M. Silva, Kyloon Chuah, Yanfang Wu, Elizabeth Murago, D. Brynn Hibbert. Richard D. Tilley The University of New South Wales, Sydney, Australia *Magnetic Nanoparticles As Dispersible Electrodes*
9.25–9.50	**Róbert E. Gyurcsányi**, Soma Papp, Zoltán Szakács, László Simon, István Makra, Gyula Jágerszki Budapest University of Technology and Economics, Budapest, Hungary *Nanostructures and Synthetic Ligands Assisted Chemical Sensing*
9.50–10.10	Si Yunpei, Sabrina Hayati, Eunseo Goh, **Hye Jin Lee** Kyungpook National University, Daegu, Republic of Korea *Electrochemical Biosensors with Nanoparticles for Biological Applications*
10.10–10.30	Ewa Jaworska, Katarzyna Kłucińska, Anna Kisiel, Agata Michalska, **Krzysztof Maksymiuk** University of Warsaw, Warsaw, Poland *Electroanalytical Properties of Nanospheres of Conducting Polymers*
10.30–11.00	**Coffee Break**
11.00–11.25	Keke Hu, Dengchao Wang and **Michael V. Mirkin** Queens College – CUNY, Flushing, NY, USA *Double-Layer Effects in Carbon Nanosensors*
11.25–11.50	**Yuji Miyahara**, Akira Matsumoto, Tatsuro Goda, Miyuki Tabata Tokyo Medical and Dental University, Tokyo, Japan *Functional Gate-Field Effect Transistors for Electrically Neutral Molecules*
11.50–12.10	**Alicia Zoerner**, Susanne Oertel, Michael P. M. Jank, Lothar Frey Fraunhofer Institute for Integrated Systems and Device Technology IISB, Erlangen, Germany *Human Sweat Analysis Using a Portable Device Based on a Screen-Printed Electrolyte Sensor*
12.10–12.30	**G. Horvai,** Z. Dorkó Budapest University of Technology and Economics, Budapest, Hungary *Analytical Selectivity and Sensor Selectivity Compared*
12.40	**Lunch**

15.30–16.00 **Coffee**

16.00–16.25 **Elizabeth (Lisa) A.H. Hall**, Si Chen, Ziyan Zhao
University of Cambridge, Cambridge, UK
Using Synthetic Biology to Provide the Design Tools for Enzyme Biosensors

16.25–16.50 **Kohji Mitsubayashi**
Tokyo Medical and Dental University, Tokyo, Japan
Non-Invasive Biosensing for Dairy Medicine: Cavitas Sensors for Tear & Saliva and Biosniffer Devices for Volatiles

16.50–17.15 Ana Díaz-Fernández, Noelia Fernández, Rebeca Miranda-Castro, Noemí de-los-Santos-Álvarez, **María J. Lobo-Castañón**
Universidad de Oviedo, Oviedo, Spain
Aptasensors for Glycoprotein Tumor Markers: New Tools for Cancer Diagnostics

17.15–17.30 **Break**

17.30–17.50 **Arkady A. Karyakin**, Elena E. Karyakina
Lomonosov Moscow State University, Moscow, Russia
Electrochemical Biosensors for Non-invasive Diagnostics

17.50–18.10 Hoon Jun Kim, S.-Y. Kim, Ik-Soo Shin, **Jong-In Hong**[1]
Seoul National University, Seoul, Republic of Korea
Electrochemiluminescent Sensors for Selective Detection of Biologically Important Analytes

18.10–18.30 **Bradford D. Pendley**, Ernő Lindner
University of Memphis, Memphis, TN, USA
Designing Sensors to Aid Health Care Providers in Diagnosing and Managing Diseases: Asking the right Questions

18.45 **Dinner**

20.00 –22.00 **Poster Session**

Wednesday, June 14, 2017

9.00–9.25 Ning He, Soma Papp, Lajos Höfler, Rose-Marie Latonen, Róbert E. Gyurcsányi, **Tom Lindfors**
Åbo Akademi University, Åbo, Finland
Hydrophobic Barriers in Solid-Contact Ion-Selective Electrodes

9.25–9.50 **Ernő Lindner**, Marcin Guzinski, Jennifer Jarvis, Bradford Pendley, Paul D'Orazio
The University of Memphis, Memphis, TN, USA
Solid Contact pH Sensors without CO_2 Interference with Super Hydrophobic PEDOT-Derivatives as Solid Contact: the Ultimate "Water Layer" Test

9.50–10.10 **Yu Ishige**, Stefan Klink, Wolfgang Schuhmann
Hitachi Ltd, Kokubunji-shi, Tokyo, Japan
Solid Contact Ion-Selective Electrodes Using Intercalation Compounds as Solid Contacts for Tuning Standard Potential

10.10–10.30 **Ulriika Mattinen**, Tingting Han, Johan Bobacka
Åbo Akademi University, Åbo, Finland
Exploring the Possibilities and Parameters for an Instrument-Free Method to Adjust the Standard Potential (E°) of Solid-Contact Potentiometric Sensors

10.30–11.00 **Coffee Break**

11.00–11.25 **Philippe Bühlmann**, Adam Dittmer, Huan Yang, Chris Hogan
University of Minnesota, Minneapolis, MN, USA
Biofouling of Ionophore-Doped Ion-Selective Electrode Membranes Revisited

11.25–11.50 **Roland De Marco**, John Bradley, Eric Bakker, Gaston A. Crespo, Maria Cuartero, Ernő Lindner, Marcin Guzinski
University of the Sunshine Coast, Sippy Downs, Queensland, Australia
Synchrotron Radiation-X-Ray Photoelectron Spectroscopy (SR-XPS) and Near Edge X-Ray Absorption Fine Structure (NEXAFS) Studies of Polymer-Based Electrochemical Sensors

11.50–12.10 Narender Kumar Joon, Ning He, Thomas Arnebrant, Tautgirdas Ruzgas, Andrzej Lewenstam, Johan Bobacka, **Grzegorz Lisak**
Nanyang Technological University, Singapore
Is It Reality that Inconvenient to Have Proteins at the Ion-Selective Membrane? – In-Situ and Ex-Situ Potentiometric and Ellipsometric Study

12.10–12.30 **Aleksandar Radu**, Lukasz Mendecki, Sergio Granados-Focil, Benjamin Schazmann
Keele University, Keele, United Kingdom
Simple Sensing Layers with Reduced Need for Pre- and Post-Application Handling

12.40 **Lunch**

15.30–23.30 **Banquet**

Thursday, June 15, 2017

9.00–9.25 **Johan Bobacka**, Tingting Han, Ulriika Mattinen
Åbo Akademi University, Turku/Åbo, Finland
Coulometric Signal Readout Method for Solid-Contact ISEs – Opportunities and Limitations

9.25–9.50 Nipapan Ruecha, Koji Suzuki, **Daniel Citterio**
Keio University, Yokohama, Japan
Fully Printed Paper-Based Potentiometric Ion Sensing Devices for Low-Cost Ion Analytics

9.50–10.10 **Lajos Höfler**
Budapest University of Technology and Economics, Budapest, Hungary
Learning Underlying Theoretical Models that Govern Electrochemical Devices

10.10–10.30 **Gaston A. Crespo**, Eric Bakker, Maria Cuartero, Roland De Marco, Dajing Yuan
KTH Royal Institute of Technology, Stockholm, Sweden
Recent Advances in Thin Layer Ionophore-Based Membranes

10.30–11.00 **Coffee Break**

11.00–11.25 **Damien W. M. Arrigan**
Curtin University, Perth, Australia
Nanoscale Interface Arrays for Electroanalysis

11.25–11.50 **Yumi Yoshida**, Mao Fukuyama, Kohji Maeda
Kyoto Institute of Technology, Kyoto, Japan
How to Design a Conducting Polymer-Coated Electrode for Amperometric Device Based on the Ion Transfer

11.50–12.10 **Zhanna A. Boeva**, Matti Kaisti, Vladimir G. Sergeyev, Kalle Levon
Åbo Akademi University, Turku/Åbo, Finland
Potentiometric Biosensor for DNA Hybridization Based on Polyaniline Composite Materials

12.10–12.30 **Maria A. Peshkova**, Andrey V. Kalinichev, Konstantin N. Mikhelson
Saint Petersburg State University, Saint Petersburg, Russia
Ion-Selective Optodes with Stabilized Galvani-Potential: Assessing Individual Ion Activities with Optical Sensors

12.40 **Lunch**

15.30–16.00 **Coffee**

16.00–16.25 **Francisco Javier Andrade**, F. Xavier Rius, Jordi Riu, Pascal Blondeau, Santiago Macho, Rafael Hoekstra, Rocio Cánovas, Marta Borrull, Marta Borras
Universitat Rovira i Virgili, Tarragona, Spain
Novel Potentiometric Sensors as Platforms for Building Decentralized Analytical Systems

16.25–16.50 **Karin Y. Chumbimuni-Torres**
University of Central Florida, Orlando, FL, USA
Potentiometric Analysis of Zinc Using a Reliable, Polymer-Based, Non-Destructive Microsensor for in situ *Analysis in Plants*

16.50–17.10 **L. Lvova**, F. Caroleo, C. Di Natale, R. Paolesse
University "Tor Vergata", Rome, Italy
Photographic Detection of Species

17.10–17.20 **Break**

17.20–17.45 Katarzyna Kłucińska, Emilia Stelmach, Ewa Jaworska, Anna Kisiel, Krzysztof Maksymiuk, **Agata Michalska**
University of Warsaw, Warsaw, Poland
Nanospheres for Tuneable Optical Sensors

17.45–18.10 Xinfeng Du, Changyou Zhu, **Xiaojiang Xie**
Southern University of Science and Technology, Shenzhen, China
Optical Detection of Ion Concentration and Temperature with Ion-Exchange Micelles and Hydrogels

18.10–18.30 Kye J. Robinson, **Simon R. Corrie**
Monash University, Clayton, VIC, Australia
Organosilica Nanoparticles as Reversible pH Biosensors

18.45 **Dinner**

20.00–22.00 **Poster Session**

Poster Sessions

Mo 1. Rohini Athavale
High-Resolution *Sn-Situ* Profiling in Lakes with Potentiometric Solid-Contact Ion-Selective Electrodes

Mo 2. Ana D. Đurović
Simple and Rapid Method for Chronopotentiometric Determination of Metamitron in Water Samples and Pesticide Formulations

Mo 3. Nadezda Pankratova
A New Electrochemical Approach for *In-Situ* Phosphate Determination in Environmental Samples

Mo 4. Parth K. Patel
A Reliable Potentiometric Ion-Selective Electrode for Zinc Ions

Mo 5. Stephanie M. Armas
A Non-Destructive Microsensor for *In Situ* Analysis of Zinc in Plants

Mo 6. Marta Borràs
PEDOT:PSS Paper-Based Chemiresistor towards Hydrogen Peroxide Detection

Mo 7. Małgorzata Bodzon
Novel Derivatives of Trifluoroacetophenone as Ionophores in Ion-Selective Electrodes Sensitive to Carbonates for Determination of Total Carbon Dioxide Species in Blood Serum

Mo 8. D. Filotás
The Effect of Dynamic Response Characteristics of Ion-Selective Microelectrodes on Potentiometric SECM Measurements

Mo 9. D. Filotás
SECM and Spectroscopic Investigation of Unwanted Activity Changes of Metal Electrodes Observed During Electrochemical CO_2 Reduction

Mo 10. T. Anemana
Simultaneous Determination of Heavy Metals in Herbal Tea by Atomic Absorption Spectroscopy and Potentiometric Stripping Analysis

Mo 11. Tingting Han
Response of Solid-Contact Ion-Selective Electrodes (SC-ISEs) with Thick- and Thin-Layer Ion-Selective Membranes Using Potentiometric, Amperometric and Coulometric Singal Readout Methods

Mo 12. Radovan Metelka
Bismuth Film Electrodes in Simultaneous Multielemental Detection of Heavy Metals for Application in Quantum Dot-Linked Immunoassays

Mo 13. Gyula Jágerszki
Potentiometry in Non-Aqueous Solutions with Nanopore-Based ISE

Mo 14. Sutida Jansod
Electrochemical Ion-Transfer Mediated by a Novel Os(II)/(III) Compound with Thin Membrane

Mo 15. Zdeňka Jarolímová
All Solid State Membrane Electrodes Based on Helicenes as Ion-To-Electron Transducer

Mo 16. Elena Zdrachek
Thin-Layer Cyclic Voltammetry with Ionophore Based Ion-Selective Membrane for Determination of Acidity and Alkalinity of Water Samples

Mo 17. Agnieszka Bala
Peptide Nucleic acid (PNA) as Receptor Layer in Electrochemical Sensors for Determination of Mercury Cation

Mo 18. R. Săndulescu
Host-Guest Complexation Between Tetrazines-β-cyclodextrin Studied Both in Solution and Films

Mo 19. M. Taryba
Influence of Li^+, K^+, Na^+ on the Charging-Discharging Processes in Amorphous Manganese Oxide Assessed by means of pH Micro-Potentiometry

Mo 20. Karel Vytřas
A New Titrant for Potentiometric Determination of Anionic Surfactant Indicated with Low Ohmic Carbon Paste- or Coated Wire-Based Ion-Selective Electrodes

Mo 21. K. Yugender Goud
An Electrochemical Immunosensor and Optical Aptasensor for Zearalenone Detection

Mo 22. L. Wang
Reversible Multi-Ion Fluorescent Optode Based on Solvatochromic Dye Transducers

Mo 23. P. Fürjes
Concentration Gradient Generation Enhanced by Herringbone Microfluidic Mixer Structure

Mo 24. J. Muñoz
Carbon-Based Molecular Self-Assembled Monolayers as Highly Sensitive Platforms for Sensing Polycyclic Aromatic Hydrocarbons in Water

Mo. 25. András Kiss
The Effect of Electric Field on Potentiometric Scanning Electrochemical Microscopic Imaging

Mo 26. Krishnan Murugappan
Electrochemical Bridging of Conducting Polymers at the Percolation Threshold for Chemiresistors

Tue 1. James Atherton
Urinary pCO_2 in Septic Shock

Tue 2. Renáta Šelešovská
Electrochemical Properties of Boron-Doped Diamond Electrodes with Different Boron Content

Tue 3. Renáta Šelešovská
Voltammetric Determination of Leucovorin Using Boron-Doped Diamond Electrodes with Different Boron Content

Tue 4. Tomáš Navrátil
Development of an Electrochemical Cell Hyphenated with a Mass Spectrometer and its Utilization for Determination of Biologically Important Compounds

Tue 5. Tomáš Navrátil
Determination of Anti-Cancer Drugs Using a Miniaturized Voltammetric Cell

Tue 6. Jiri Barek
New Sensors for Monitoring of Biomarkers

Tue 7. Andrey Bratov
Interdigitated Impedimetric Transducer for Label-Free Bacteria Detection

Tue 8. Dmitry Galyamin
Concanavalin A Modified Three-Dimensional Impedimetric Transducer for Bacteria Endotoxins Detection

Tue 9. A. Füredi
Particle Separation and Trapping in Micromagnetic Separation (MMS) Systems Applicable in Microfluidic SELEX Method

Tue 10. Sarasi K.K. Galagedera
Effect of Heavy Water on the Interactions of Hexammine Ruthenium(III) and Hexammine Cobalt(III) with Self-Assembled Monolayers of DNA

Tue 11. Natalie Haustein
Electrochemical Impedance Spectroscopy for Label-Free Detection of Thyrotropin

Tue 12. Eszter Holczer
Characterisation of Blood Protein Adsorption on Modified PDMS Surfaces Applicable in Autonomous Microfluidic Systems

Tue 13. Viola Horváth
Fluorescence Anisotropy Measurement to Assess Protein Binding to Nanoparticles

Tue 14. K. J. Jetzschmann
Immobilization of Cytochrome P450cam via a Pyrene-terminated Peptide of Putidaredoxin for MIP-Synthesis

Tue 15, Tatiana V. Shishkanova
Voltammetric Detection of Catecholamine Metabolites Using Tröger Base-Modified Electrode

Tue 16, Elena V. Karpova
Advanced Biosensors Based on Transition Metal Hexacyanoferrates with Improved Stability

Tue 17. Elena E. Karyakina
Lactate and Glucose Biosensors Based on Electropolymerization of Oxidases in *N*-Functionalyzed Polypyrrole Films

Tue 18. Marta Jarczewska
Application of DNA Aptamers for Electrochemical Detection of C-Reactive Protein

Tue 19. Elżbieta Malinowska
The Modulation of the Electrochemical DNA Biosensor Analytical Parameters by the Graphene Deposition Step

Tue 20. Elżbieta Malinowska
Electrochemical and SPR-Based Characterization of Dithiocarbamate-Based Monolayers for Biosensing

Tue 21. Soma Papp
Peptide-Modified Nanopores as Selective Ion Channels

Tue 22. G. Neri
Nickel/Nanoporous Carbon (Ni-NC) Composites for Glucose Sensor

Tue 23. N. Donato
Photo-Electrochemical Sensing of Dopamine by Titania Nanotubes Array-Electrodes Fabricated by "*In Situ*" Modification of Ti Screen-Printed Electrodes

Tue 24. Karolina Starzec
Antigen-Antibody Capacitance-Based Sensor for Tetracycline Determination

Tue 25. László Simon
Effect of probe immobilization on DNA-microRNA hybridization: An SPRi study

Tue 26. Gyula Jágerszki
Potentiometric Nanopore-Based Nucleic Acid Sensors

Tue 27. Zorica S. Stojanović
Molecularly Imprinted Polyscopoletin Nanofilm for Human Serum Albumin Detection

Thu 1. Adriana Palinska-Saadi
Voltammetric and Spectrophotometric Studies on DNA Interactions with Doxorubicin and Its Novel Amidino Derivatives

Thu 2. Zuzana Němečková
Detection of Polyionic Analytes Using Smart Polymers

Thu 3. Murat Alanyalioğlu
Free-Standing Graphene-Based Papers for Electrochemical Sensor Applications

Thu 4. Julia Ashina
Attaining Potentiometric Selectivity by Ionophore-Free Sensors

Thu 5. Julia Ashina
Polymeric Membrane Sensors with two Ionophores: Case Study in Lanthanide Mixtures Analysis

Thu 6. Jennifer M. Jarvis
Redox Couple-Loaded Conductive Polymers for Solid-Contact Ion-Selective Electrodes

Thu 7. Ning He
PVC-Based Ion-Selective Electrodes with a Silicon Rubber Protective Coating

Thu 8. Kevin J. Cash
Thermodynamic Modulation of Ionophore-Based Nanosensor Response

Thu 9. Marcin Guzinski
Optimization of the Equilibration Time with the Solid-contact Ion-Selective Electrode Based on PEDOT(PSS)

Thu 10. Rocío Cánovas
Novel Approaches to Build Potentiometric Biosensors for Decentralized Chemical Analysis

Thu 11. Bradley P. Hambly
Voltammetric Determination of Diffusion Coefficients in Polymer Membranes

Thu 12. A. Asserghine
Corrosion Behavior of Titanium Grade 4 in Different Artificial Mediators of Inflammation Using Scanning Electrochemical Microscopy

Thu 13. Valéria Guzsvány
Voltammetric Determination of Serotonin by Vanadium-Oxide Particles Modified Screen Printed Carbon Electrode in Combination with Enzymatic Recognition

Thu 14. Rafael W. F. Hoekstra
IonSens: A Wearable Potentiometric Sensor of Total Ion Activity

Thu 15. Jiawang Ding
Exhaustive Paper-Based Thin-layer Voltammetry for Ion Detection

Thu 16. Narender Kumar Joon
Influence of Phosphate Buffer and Proteins on the Potentiometric Response of a Polymeric Membrane-Based Pb(II)-Selective Electrode

Thu 17. Andrey V. Kalinichev
Towards Optical Sensors with Predetermined Characteristics: the Role of Quantitative Composition in the Response of Ionophore-Based Bulk Optodes

Thu 18. Paweł Knihnicki
Novel Electrochemical Sensor Based on Electrostriction Phenomenon for Sodium Determination

Thu 19. Milan Sýs
Determination of Vitamin E in Margarines and Edible Oils Using Extractive Stripping Voltammetry at Glassy Carbon Paste Electrodes

Thu 20. D. M. Stanković
Engineering $Mg_xFe_{1-x}Fe_2O_4$/Carbon Paste Electrode for Enhancement its Stability and Properties Using Novel Strategy for Synthesis of Doped Ferrite

Thu 21. Michal Wagner
Lignin/Conjugated Polymer Hybrid Films for Electrochemical Sensors

Thu 22. Andrei D. Navakouski
A New Time-Dependent Diffusion Model for Theoretical Description of the Electrode Response

Thu 23. Dajing Yuan
Pitfalls in the Boundary Elements Treatment of Numerical Simulation of Ion Selective Membranes by the Diffusion Layer Model

Thu 24. Jingying Zhai
Paper Based Flow Titration for Low Concentration of Lead Ions

Thu 25. Rufina A. Zilberg
Voltammetric Sensor for Recognition Enantiomers of Propranolol Based on Glassy Carbon Electrodes Modified with Polyarylenephthalide Composite

Thu 26. Jolanta Kochana
Sensitive Determination of Ciprofloxacin Using a New Voltammetric Sensor

Thu 27. Maria A. Komkova
Prussian Blue-Based Low-Noise (Bio)Sensors Operated in Galvanic Mode