

Schedule

Wednesday June 6th, 2018

07:30 – 09:00		Registration
09:00 – 09:05		M. Witko Opening of the conference
Chairperson		P. Warszyński
09:05 – 09:50	PL-1	J. Feliu ELECTROCATALYSIS IN TRANSITION: FROM ART TO SCIENCE
09:50 – 10:20	L-2	G.A. Tsirlina REACTION VOLUME, A LITTLE KNOWN PARAMETER OF ELECTRON TRANSFER: HOW TO ESTIMATE IT FROM EXPERIMENT
10:20 – 10:50	L-3	C. Lucas CHARGE DISTRIBUTION AT THE ELECTROCHEMICAL INTERFACE
10:50 – 11:15		Coffee break
Chairperson		J. Feliu
11:15 – 11:45	PL-4	V. Barsukov SYNERGETIC EFFECT ON THE INTERPHASE BOUNDARY FOR PARTICLES OF DIFFERENT MORPHOLOGY DURING THE INTERACTION OF NANOSTRUCTURED CARBON COMPOSITES WITH ELECTRO-MAGNETIC RADIATION
12:00 – 12:30	L-5	W. Kautek PHOTONICS AND MECHANICS OF THE ELECTROCHEMICAL DOUBLE LAYER: HOT ELECTRON AND NANOTRIBOLOGICAL ELECTROCHEMISTRY
12:30 – 14:00		Lunch
Chairperson		W. Kautek
14:00 – 14:30	L-6	M. Vorotyntsev ELECTROCHEMICAL ROUTE TO Co(II) AND Mn(II) POLYPORPHINES AND THEIR ELECTROCATALYTIC PROPERTIES TOWARDS OXYGEN REDUCTION REACTION
14:30 – 15:00	L-7	A. Antipov BROMATE REDUCTION AT ROTATING DISK ELECTRODE VIA AUTOCATALYTIC REDOX-CYCLE MECHANISM
15:00 – 15:30	L-8	T. Masuda APPLICATIONS OF IN SITU X-RAY/ELECTRON SPECTROSCOPY FOR SOLID/LIQUID INTERFACES
15:30 – 16:00		Coffee break
Chairperson		G.A. Tsirlina
16:00 – 16:30	L-9	W. Simka PLASMA ELECTROLYTIC OXIDATION AS A TOOL FOR METALS FUNCTIONALIZATION
16:30 – 16:45	L-11	M. Skunik-Nuckowska CAPACITANCE CHARACTERISTICS OF CARBON-BASED SUPERCAPACITORS EXPOSED TO HETEROPOLYTUNGSTIC ACID ELECTROLYTE
17:00 – 19:30		POSTER SESSION

Thursday June 7th, 2018

Chairperson		M. Vorotyntsev
9:00 – 9:45	PL-12	M. Lapkowski APPLICATION OF SPECTROELECTROCHEMISTRY TO STUDY OF ORGANIC MOLECULES AND POLYMERS FOR OPTOELECTRONICS
9:45 – 10:15	L-13	A. Cuesta Ciscar SPECTROSCOPIC EVIDENCE OF SIZE-DEPENDENT BUFFERING OF INTERFACIAL pH BY CATION HYDROLYSIS DURING CO ₂ ELECTROREDUCTION
10:15 – 10:45	L-14	E. Baranova IN-SITU POLARIZATION MODULATION INFRARED REFLECTION ABSORPTION SPECTROSCOPY (PM-IRRAS): APPLICATION FOR ELECTROCHEMICAL VALORIZATION OF GLYCEROL
10:45 – 11:15		Coffee break
Chairperson		J. Macák
11:15 – 11:45	L-15	A. Baron-Wiechec THE POSSIBLE EFFECT OF HIGH MAGNETIC FIELDS ON THE AQUEOUS CORROSION BEHAVIOR OF EUROFER
11:45 – 12:00	L-16	D. Beketova PREPARATION AND CHARACTERIZATION OF ORGANOSOLS OF SILVER NANOPARTICLES IN TERGITOL NP-4 + AOT MICROEMULSIONS
12:00 – 12:15	L-17	M. Ehrenburg INITIAL STAGES OF SILVER ELECTRODEPOSITION ON SINGLE-CRYSTAL ELECTRODES FROM IONIC LIQUIDS
12:15 – 12:30	L-18	A. Dronov HEAT AND MASS TRANSFER INVESTIGATIONS DURING SELF-ORDERED ANODIC TiO ₂ NTs LAYERS GROWTH
12:30 – 14:00		Lunch
Chairperson		A. Cuesta Ciscar
14:00 – 14:30	L-19	V. Vega HARD-ANODIC NANOPOROUS ALUMINA MEMBRANES: PORES GROWTH MECHANISM AND BROAD SELF-ORDERING REGIME
14:30– 15:00	L-20	R. Hahn SELF-ORGANIZED ANODIC NANOTUBE: GROWTH, PROPERTIES, APPLICATIONS
15:00 – 15:30	L-21	J. Macák ANODIC TiO ₂ NANOTUBE LAYERS: EXCELLENT PLATFORM FOR SECONDARY MATERIALS
15:30 – 16:00	L-22	T. Czujko NANOPOROUS ALUMINUM-IRON OXIDES OBTAINED BY THE ANODIZATION OF Fe-Al INTERMETALLIC ALLOY
19:00 – 23:00		Diner

Friday June 8th, 2018

Chairperson		M. Lapkowski
09:00 – 09:45	PL-23	P. Kulesza STRUCTURE AND REACTIVITY OF CATALYTIC MATERIALS FOR ELECTROREDUCTION OF CARBON DIOXIDE
09:45 – 10:15	L-24	I. Janowska BIO-INSPIRED SYNTHESIS, TAILORING AND ASSEMBLY OF (FEW LAYER) GRAPHENE FOR ENERGY RELATED APPLICATIONS
10:15 – 10:45	L-25	P. Weroński ROUGHNESS OF SURFACE DECORATED WITH RANDOMLY DISTRIBUTED PILLARS
10:45 – 11:15		Coffee break
Chairperson		P. Kulesza
11:15 – 11:45	L-26	P. Jasiński DRT TRANSFORMATION OF IMPEDANCE SPECTRA FOR SOC ANALYSIS
11:45 – 12:00	L-27	V. Grinberg NANOSIZED CATALYSTS OF OXYGEN REDUCTION REACTION PREPARED ON THE BASE OF BIMETALLIC CLUSTER COMPOUNDS
12:00 – 12:15	L-28	W. Nogala SCANNING ELECTROCHEMICAL MICROSCOPY - A TOOL FOR PREPARATION OF BARE METALLIC NANOSTRUCTURES AND IMAGING OF ELECTROCATALYTIC ACTIVITY AND ACIDITY
12:15 – 12:30	L-29	B. Lis Ba _{0.95} Ca _{0.05} Ce _{0.9} Y _{0.1} O ₃ AS AN ELECTROLYTE FOR PROTON-CONDUCTING FUEL CELLS
12:30 – 12:35		Closing of the conference
12.35 – 14:10		Lunch