

Muhammad Abid	Aleem	Effect of the Temperature on Dissociative Electron Attachment to Halo-hydrocarbons	P
Michal	Allan	Resonant structure of diacetylene revealed by absolute elastic, vibrational excitation and dissociative electron attachment cross sections	P
Nail	Asfandiarov	Electron stimulated double dehydrogenation of N,N'-diphenylanthracene-9,10-diamine	P
Pavel	Baroch	Characterization of high frequency bipolar pulse plasma discharges generated in liquid solution	O
Jan	Benedikt	Chemical sputtering as important etching mechanism in plasma sterilization	P
Viacheslav	Boretiskij	The influence of air flow on the temperature of plasma with copper vapour	O
Jan	Cech	On the vertical properties of Diffuse Coplanar Surface Barrier Discharge	P
Aranka	Derzsi	Modeling of crater formation in a direct current glow discharge	O
Petr	Dohnal	Experimental Study of Binary and Ternary Recombination of D_3^+ Ions with Electrons in He/D ₂ Plasma	P
Kseniya	Dryahina	Selected ion flow tube mass spectrometry, SIFT-MS: Fumes of industrial explosives	O
Juraj	Fedor	Absolute dissociative electron attachment cross sections for acetylene and diacetylene	P
Jan	Ferdinand	Remarks on Probe Measurements on Plasma Pencil Discharge	P
David	Field	New results in cold electron scattering in gases and solids	O
Thomas	Field	Electron attachment to unstable molecules	O
F. J.	Gordillo-Vazquez	Air plasma chemistry under the influence of sprites	O
Michaela	Hager	Manipulation of nano- and molecular films by low-energy electrons from a Scanning Tunnelling Microscope (STM) tip	P
Pavlina	Hajkova	The aging of PECVD TiO ₂ thin films modified by Ag clusters	P
Satoshi	Hamaguchi	Molecular Dynamics Simulation on Plasma Surface Interaction - from Industrial Plasma Processing to Fusion Applications	O
Peter	Hartmann	Experimental investigation of the collective dynamics in a single layer dusty plasma crystal	P
Karol	Hensel	Coplanar Surface Barrier Discharge Assisted Generation of Discharges inside the Honeycomb Monolith	P
Michal	Hlina	Degradation of water-soluble organic compounds in plasma torch	O
Tomas	Hoder	Investigation of near cathode emission in one-sided barrier discharge	O
Tomas	Homola	Modification of Glass Surface by Atmospheric Pressure Plasma	O
Gabriel	Horvath	Simulation of Titan's atmosphere in positive corona discharge fed by admixtures of N ₂ and CH ₄ - An analysis of gaseous and solid products	O

Andrzej	Huczko	Carbon Arc Plasma: A Source of Nanocarbons and Spectral Diagnostics	P
Valeriy	Chernyak	Physical properties of plasma systems with the transversal electrical discharges and its applications	P
Valeriy	Chernyak	Production metalocarbon compounds perspective to create a highly-efficient reversible hydrogen storage	P
Valeriy	Chernyak	Experimental and theoretical researches of syngas generation at the ethanol reforming in plasma-liquid system	P
Oleksiy	Chumak	Effect of anode attachment and hydrodynamic instability on fluctuations of thermal plasma jet	P
Eugen	Illenberger	Electron controlled reactions	O
Mariusz	Jasinski	Microwave plasmas for hydrogen production	O
Tetyana	Kavka	Evaluation of characteristics of plasma generated in DC arc torch with gas-water stabilization of arc	P
Jaroslav	Kocisek	Electron ionization of Tetravinylsilane: Activation energies and relative cross sections of selected reaction channels	P
Milos	Konrad	Biomass gasification in thermal plasma reactor	O
Janina	Kopyra	Electron Attachment to Building Blocks of DNA	O
Martin	Kormunda	RBS and XPS measurements of Ag and Er implantation into the silica glass substrates	P
Martin	Kormunda	Properties of magnetron deposited variable Fe doped SnO ₂ thin films for gas sensors applications	P
Frantisek	Krcma	Corrosion removal in low temperature RF pulsed discharge	O
Frantisek	Krcma	Fragmentation of Tetravinylsilane in Pulsed RF Discharge	P
Pavel	Kriz	Influence of surface modification to abrasion resistance of the ropes	P
Dusan	Kubala	Electron impact dissociation of saturated compounds	P
Vit	Kudrle	Passivation of iron nanoparticles synthesized in microwave plasma	P
Kinga	Kutasi	Plasma sterilization: the applicability of discharge and post-discharge plasmas for medical sterilization	O
Judith	Langer	Probing ion-ligand binding motifs in small aromatic cation clusters	O
Francois	Le Normand	Plasma-enhanced CVD process for synthesis of carbon materials	O
Petr	Lukes	Effects of Tungsten Needle Electrodes on Production of H ₂ O ₂ by Pulsed Corona Discharge in Water	O
Zdenko	Machala	Bio-decontamination by transient spark and corona discharges with electro-spray	O
Jindrich	Matousek	RF magnetron sputtering of tin in Ar/n-hexane working gas mixture	P
Olivier	May	Absolute dissociative electron attachment cross sections for acetylene and diacetylene	O
Olivier	May	Absolute cross sections for the dissociative electron attachment to HCl, HBr and their deuterated analogs	P
Chris	Mayhew	The Viability of Real-Time and Non-Invasive Breath Analysis	O

		for Disease Screening	
Vera	Mazankova	Recombination Processes in Nitrogen-Argon Post-Discharge	P
Milan	Mikula	Conductivity of Printed Structures on Plasma Treated Foils and Papers	P
Aleksandar	Milosavljevic	Low-energy electron transport through high aspect ratio Al ₂ O ₃ nanocapillaries	O
Aleksandar	Milosavljevic	Influence of methane to vibrational population of hydrogen produced by atom recombination on metallic surface studied by dissociative electron attachment	P
Petr	Nasadil	Utilization of Plasma in Textile Treatment	P
Gabriela	Neagoe	Underwater Diaphragm Discharge for Textile Treatment	P
Igor	Novak	Surface properties of high-density polyethylene functionalized by low-temperature plasma	O
Andrea	Oravcova	Improved Surface Properties of Polyethylene Films by Atmospheric Pressure Plasma Treatment	P
Peeter	Paris	Collisional quenching rates of N ₂ ⁺ (B ² S _g ⁺ , v=0)	P
Joanna	Pawlat	Ammonia Measurement Method Using Photonic Bandgap Fiber	P
Joanna	Pawlat	Decomposition of Foaming Agents by Pulsed Electrical Discharge	P
Radek	Plasil	Temperature dependence of binary and ternary recombination of H ₃ ⁺ ions with electrons in low temperature plasma	O
Iryna	Prysiashnevych	Plasma properties of the discharge in air channel with liquid wall	O
Vadym	Prysiashnyi	Plasma treatment of alumina surface by DCSBD	P
Jozef	Rahel	Plasma assisted preparation of chitosan-based materials and their applications	O
Jozef	Rahel	Determining the tangent delta for dielectric barrier discharge intended materials	P
Vera	Sazavska	Cleaning of Corrosion Layers from Iron by RF Low Pressure Hydrogen Plasma	P
Kanako	Sekimoto	Dependence of negative ion formation on inhomogeneous electric field strength in atmospheric pressure negative corona discharge	P
Paul	Scheier	Chemistry driven by low-energy electrons at ultra-low temperatures	O
Julian	Schulze	Electron heating in capacitively coupled radio frequency discharges	O
Peter	Simon	Studies of the anode fireball formation in a low-pressure argon discharge	P
Patrik	Spanel	Selected ion flow tube mass spectrometry, SIFT-MS, and flowing afterglow mass spectrometry, FA-MS, in medical and biological research	O
Michael	Stanel	Coplanar plasma treatment of CYTOPTM and PEDOT:PSS for the preparation of an OFET	P
Radula	Stijepovic	Surface analysis of Silicon Nanoparticle Films by AES and	P

		XPS	
Zdenek	Stryhal	Well defined structures of SnOx nanoparticles	P
Janos	Szepvolgyi	Synthesis of nanopowders in RF thermal plasma reactor	O
Petr	Vasina	Higher harmonic frequencies of discharge voltages as extremely sensitive marker of state of RF reactive magnetron sputtering deposition process	P
Jozef	Varju	Near IR CRDS study of HCN and HNC	P
Andriy	Velyhan	Complex analysis of time-of-flight spectra of pulsed gold ion currents	P
Aleksandr	Vorobyev	Multi-exponential model of negative ions decay	P
Jitka	Vrajova	Plasma based decontamination of water by means of diaphragm discharge	P
Jolanta	Wnorowska	Temperature dependence of low energy electron attachment to simple organic acids	P
Magdalena	Wolfova	Immobilisation of iron-oxide nano-particles onto the plasma activated textile materials	P

O – oral presentation
P – poster