

Sunday, 26 August 2012		
	Arrival of the participants	
20.00-21.30	Registration	
	Welcome cocktail	
Monday, 27 August 2012		
8.00-9.30	Registration	
9.30-10.00	Opening Chair <i>Milorad Kuraica</i>	
10.00-10.45	D. Gerlich Experimental Studies on HnDm+ collision systems $n+m \leq 5$	
10.45-11.15	Coffee Break	
	Chair <i>Zoran Petrović</i>	
11.15-12.00	M. Kushner Model Based Design of Low Temperature Plasma Reactors	
12.00-12.45	J. Hermann Properties of Plasmas Produced by Laser Ablation With Single and Double Pulses	
12.45-14.30	Lunch Break	
	Hall A	
	Hall B	
14.30-15.00	Chair <i>A. Milosavljević</i> F. Penent Single Photon Double K-shell ionization of Small Molecules	Chair <i>I. Mančev</i> V. Milosavljević Comprehensive Plasma Diagnostics for an ECR Etcher
	15.00-15.30	J-M. Bizau Photoionization of Atomic and Molecular Positively Charged Ions
15.30-15.50	D. Kubala Dissociative Electron Attachment to Small Model Molecules	N. Cvetanović Investigation of Energetic Hydrogen Atoms in Glow Discharges
15.50-16.20	Coffee Break	
16.20-16.40	Chair <i>D. Jevremović</i> N. Gavrilović-Bon Stellar Population in the sample of Type 2 Active Galactic Nuclei	Chair <i>D. Marić</i> M. Majkić Intermediate Stages of the Neutralization of Multiply Charged Slow Ions Interacting with Solid Surfaces
	16.40-17.00	J. Kovačević The properties of the emission lines and their correlations in the spectra of Active Galactic Nuclei
17.00-19.00	Poster Sessions	

Tuesday, 28 August 2012		
9.30-10.15	Chair Nikola Konjević	
	J-M. Pouvesle Antitumoral Effect of Non Thermal Plasmas Alone or in Combination with Chemotherapy	
10.15-11.00	V. M. Astashinski Ion-Drift Acceleration of Magnetized Plasma in Quasi-Stationary Plasma Accelerators	
11.00-11.30	Coffee Break	
11.30-12.15	Chair Gordana Malović	
	G. Batani Preliminary Results from Recent Experiments and Future Roadmap to Shock Ignition of Fusion Targets	
	Hall A	Hall B
12.15-12.45	Chair D. Jovanović	Chair J. Purić
	T. Ikeda Guiding of Slow Highly Charged Ions Through Tapered Glass Capillaries	T. Watanabe Kinetic Transport Simulation Studies for Non-Axisymmetric Helical Plasma Confinement
12.45-14.30	Lunch Break	
14.30-15.00	Chair Z. Mijatović	Chair M. Dimitrijević
	J. A. Aparicio Experimental Transition Probability Measurements in Pulsed lamps: Critical points	L. Campbell Electron Impact Excitation in Planetary and Cometary Atmospheres
15.00-15.30	R. Čurik Vibrationally Inelastic Collisions of Slow Electrons with Molecules	N. B. Nassib Ab Initio Determinations of Stark Broadening Parameters and Applications in Astrophysics
15.30-15.50	S. Lazović Diagnostics and Biomedical Applications of Radiofrequency Plasma	D. Tankosić Laboratory Studies of Charging Properties of Dust Grains in Astrophysical/Planetary Environments
15.50-16.20	Coffee Break	
16.20-16.40	Chair N. Nedeljković	Chair Z. Rakočević
	S. M. D. Galijaš Two-State Vector Model of the Nonresonant Population of the Rydberg States of Multiply Charged Ions Interacting with Solid Surfaces	M. Zlatar Dissociative Electron Attachment Measurements and TDDFT Calculations of the Excitation Energies in Pt(PF ₃) ₄ : Synergy Between Experiment and Theory

16.40-17.00	M.Radović Low Dimensional Ti-Oxide Based Structure: From SrTiO ₃ to TiO ₂	S. Tošić Measurements of Differential Cross Sections for Elastic Electron Scattering and Electronic Excitation of Metal atoms
17.00-19.00	Poster Sessions	

Wednesday, 29 August 2012		
	Chair Stevica Djurović	
9.30-10.15	A.Bogaerts Modeling of Plasma and Plasma-Surface Interactions for Environmental, Medical and Nano Applications	
10.15-11.00	M. Charlton Transport and Collision Phenomena Involving Antiparticles and Antihydrogen	
11.00-11.30	Coffee Break	
11.30-12.15	M. Stockli Plasma-Wall Interactions in Cesium H-Ion Sources	
	Chair B. Marinković	Chair Z. Mišković
12.15-12.45	Marcello Coreno Citius and LDM@FERMI: VUV Light Sources for Ultrafast Spectroscopy on Atoms and Molecules	Juana L. Gervasoni On Plasmon Properties of Nanometric Systems exposed to ion bombardment
12.45-14.00	Lunch Break	
14.00-19.00	Excursion	

Thursday, 30 August 2012		
	Chair M. Škorić	
10.00-10.45	U. Ebert Extremely far from Equilibrium: the Multiscale Dynamics of Streamers	
10.45-11.30	H. E. Wagner The Complex Diagnostics of Barrier Discharges – an Experimental Challenge	
11.30-12.00	Coffee Break	
12.00-12.30	Hideo Nagatomo Integrated Simulations for Laser Fusion	
12.30-14.30	Lunch Break	

	Hall A	Hall B
14.30-15.00	Chair I. Savić	Chair G. Poparić
	E. Kovačević Plasma based formation and activation of nanoparticles and nanocomposite materials	T. Popov Evaluation of Plasma Potential and Electron Energy Distribution Function by Langmuir Probes in Magnetized Plasma
15.00-15.30	A. Bultel Physico-Chemistry of Planetary Atmospheric Entry Plasmas	J. Rosato Plasma Spectroscopy in the Conditions of the Iter Tokamak
15.30-16.00	Coffee Break	
16.00-16.20	Chair L. Popović	Chair N. Simonović
	N. Šišović Spectroscopic Study of Hydrogen Balmer Line Shapes in a Hollow Cathode Glow Discharge in NH ₃ , Ar/NH ₃ , Ar/CH ₄ and Ar/C ₂ H ₂ Mixtures	S. Petrović Composition and Structure Modification of a W/Ti/Si System by Nanosecond and Picosecond Laser Pulses
16.20-16.40	N. Škoro Breakdown and discharge regimes in standard and micrometer size DC discharges	M. Ristić Differential Cross Sections at 0° and 180° for Electron Impact Excitation of H ₂ and CO
16.40-17.00	A. Antoniou The Structure of Si IV Region in Be Stars; a Study of Si IV Spectral Lines in 68 Be Stars	G. Wachter Electron Emission from a Metal Nanotip by Ultrashort Laser Pulses
17.00-19.00	Poster Session	
20.30	Conference dinner	

Friday, 31 August 2012	
10.00-10.45	Chair T. Grozdanov
	U. Cvelbar The Origin of the Plasma Grown Nanostructures at the Solid-Solid Interface
10.45-11.15	Coffee Break
11.15-12.00	G. Ferland Plasma Simulations of General Interest in Astrophysics
12.00-12.30	Closing Ceremony and Poster Award