Poster session II - Thu 14th July

01. Atomic and molecular processes in plasmas

P02-01-02	Giorgio Dilecce	Rate constants of quenching and vibrational relaxation in the OH(A ² Σ^{+} , v=0,1) manifold with various colliders		
P02-01-03	Ridha Horchani	Few-body physics with ultracold potassium rubidium mixtures		
P02-01-04	Hsiang Shun Chou	Relativistic many-body calculations of the transition rates for the Zn-like ions		
02. Tra	ansport phenom	nena, particle velocity distribution function		
P02-02-01	Malika Benhenni	Transport and dissociation coefficients of helium, neon and argon dimer cations in their parent gases for low temperature modeling		
P02-02-02	Vasco Guerra	\mbox{CO}_2 electron impact cross sections: a complete and consistent set and an assessment of dissociation		
	03. P	hysical basis of plasma chemistry		
P02-03-01	Nuno Pinhão	Measurement of the gas temperature in DBD discharges in CH ₄ /CO ₂ /He mixtures: influence of power supply and helium concentration		
	0	4. Plasma surface interaction		
	(bound	lary layers, sheaths, surface processes)		
P02-04-01	Menouar Hanafi	The study of the catalytic reforming process using the bifunctional catalyst Pt/Re for obtaining high octane number of the gasoline		
P02-04-02	Haruo Itoh	Charge accumulated on Dielectric-electrode and secondary ionization coefficient		
P02-04-03	Aboubakar Kone	Investigation of the interaction of He/Ne plasma jet with a copper plate		
P02-04-04	Roch Kwiatkowski	Interaction of pulsed plasma-ion streams with different energy fluxes with SiC and CFC samples		
P02-04-05	Juergen Meichsner	Secondary negative ions in oxygen CCP		
05. Plasma diagnostics				
P02-05-01	Juan Manuel Díaz Cabrera	Improving the measurement of I-V characteristic curves of Langmuir probes immersed in cold plasmas		
P02-05-02	Kais Abderrahmane	Characterization of a low-pressure microwave collisional-type coaxial plasma source used for decontamination in food industry		
P02-05-03	Merlan Dosbolayev	Contact diagnostics of pulsed plasma		
P02-05-04	Nikolay Dyatko	Radial profiles of the Ne metastable atom number density in a dc glow discharge		

		Evaluation of the influence of the gas flow rate and the			
	Kristan Cazali	electrical parameters of a pulsed power supply on the			
F02-05-05	Klistay Gazeli	optical emission of atmospheric pressure guided ionization			
		waves			
		Application of the Line Ratios Method for Spatially			
P02-05-06	Dmitry Kalanov	Resolved Measurements of Resonance and Metastable			
		State Densities			
P02-05-07	Manfred Kettlitz	On the influence of gas flow rate on the behaviour of			
	Cardana	dielectric barrier discharges			
P02-05-08	Gordana	Rotational and gas temperature of molecular hydrogen in			
	IVIAJSLOI OVIC	Modulation level dependence of fluctuation of interactions			
P02-05-09	Kento Mori	hetween plasmas and papoparticles grown in amplitude			
		modulated discharges			
	06. Plasma a	and discharges: theory and simulation			
DO2 06 01	Laurent Garrigues	analysis of the influence of parameters used in Particle In			
P02-00-01		Cell simulations			
		Investigation of the influence of electron impact cross			
P02-06-02	Constantinos Lazarou	section from different databases on the simulation results			
102-00-02		of helium barrier discharge with dry air impurities			
D02 06 02	lasan Mashavila	Simulation of physical processes in anode plasma in high			
P02-06-03	lgor Melnyk	voltage glow discharge electron sources			
P02-06-04	Thomas	Phase mixing and negative power absorption in inductive			
F02-00-04	Mussenbrock	discharges			
P02-06-05	Zeljka Nikitovic	Reduced mobility of He^{+} in CF_{4}			
P02-06-06	liting Ouwang	Comparison of Trichel pulse in negative corona and self-			
F02-00-00	Jitilig Ouyalig	pulsing oscillation in hollow cathode discharge			
	Marija				
P02-06-07	Radmilovic-	Breakdown voltage in sulfur hexafluoride			
	Radjenovic	Madeline discharge second is the Valid DDD with			
P02-06-08	Belkacem Saghi	Wodeling discharge process in the Xe-Cl ₂ DBD using			
	07 Solf or	simplified plasma chemistry			
07. Sen-organization in plasmas, dusty plasmas					
P02-07-01	Nicolas Heim	Influence of hitrogen impurity on current and pattern in a			
	Miguel liménez-	Modeling of plasma deposited analogues of interstellar			
P02-07-02	Redondo	carbonaceous dust			
	neuonuo	Effects of discharge power on transport characteristics of			
P02-07-03	Takashi Kojima	clusters in the downstream region of multi-hollow SiH ₄			
	- , .	discharges			
DO2 07 04	Gennadiy	Plasma polarization around dust particle in an external			
r02-07-04	Sukhinin	electric field: new self-consistent method			
08. Upper atmospheric plasmas and space plasmas					

P02-08-01	Francisco J.	Modelling of the plasma chemistry induced by radially and temporally recolved positive streamers in low pressure air		
DU3 U8 U3	Francisco-Javier	Electrodynamical model of lightning-induced upper		
PUZ-00-02	Pérez-Invernón	atmospheric glow discharges		
09. Low pressure plasma sources				
P02-09-01	Gwenael Fubiani	Scaling laws for the extraction of a negative ion beam from the plasma electrode surface in high brightness negative ion sources		
P02-09-02	Kinga Kutasi	Guiding the afterglow through a small diameter tube		
P02-09-03	Juslan Lo	2.45 GHz ECR coaxial plasma source : obtaining high density and uniform plasma		
P02-09-04	Nikola Skoro	Emission properties of low pressure low-current DC discharge in n-butanol vapour		
10. High pressure plasma sources				
P02-10-01	Kévin Ihaddadene	X-rays Produced by Strong Peak Electric Fields in Streamer Discharges		
P02-10-02	WooSeok Kang	Spatio-Temporal Characteristics of Plasma Generated over an Electrolyte		
P02-10-03	Antonina Malinina	Gas- discharge atmospheric pressure plasma in a mixture of mercury diiodide vapor with helium - exciplex source of radiation in blue- violet spectral range		
P02-10-04	Gordana Malovic	Modification of the dentin surface of human teeth by atmospheric pressure plasma needle		
P02-10-05	Dmitry Tereshonok	Investigation of arc binding to the tungsten cathode at atmospheric pressure		
11. Plasma and gas flows				
P02-11-01	Harry Nizard	Structure of Metal-Dielectric Nanocomposite Coatings Obtained by Gas Phase Condensation (GPC) and PECVD processes		
P02-11-02	Guaitella Olivier	Role of electric field in the fluid dynamics of a kHz-driven He jet		
P02-11-03	Florian Sigeneger	Modelling of an RF plasma jet at atmospheric pressure using complementary approaches		
12. Laser produced plasmas				
P02-12-01	Mohamed Mahmoud	Study of Plasma Formation in Potassium Vapor Excited by Nanosecond Resonant Laser Pulses.		
P02-12-02	Mihály András Pocsai	Ionisation processes of Rubidium in strong electromagnetic fields		