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1	Jaime de Urquijo, José Luis Hernández-Ávila, Eduardo Basurto, Gerardo Ruiz-Vargas and Antonio Juárez	<b>Effective ionization coefficients and limiting field strength of SF6-N2O and CF3I-SF6-N2 mixtures</b>	P1.1.1
	Toshitsugu Gunji, Satoru Iizuka	<b>Conversion of CO<sub>2</sub> to methane by a low-pressure hollow-cathode discharge</b>	P1.1.2
	Miguel Jiménez-Redondo, Esther Carrasco, Víctor J. Herrero, Isabel Tanarro	<b>Energy distributions of neutrals and ions in H<sub>2</sub>/D<sub>2</sub> hollow cathode discharges</b>	P1.1.3
	V. Laporta, J. Tennyson, R. Celiberto	<b>Resonant vibration excitation cross sections and rate coefficients for electron-CO and CO<sub>2</sub> scattering</b>	P1.1.4
	Koichi Sasaki and Renge Asakawa	<b>Optical emission intensity of molecular hydrogen in a recombining hydrogen plasma</b>	P1.1.5
	A. Luque, F. J. Gordillo-Vázquez	<b>Mesospheric electric breakdown and delayed sprite ignition caused by associative electron detachment</b>	P1.1.6
	Esther Carrasco, Víctor J. Herrero, Isabel Tanarro	<b>Time resolved diagnostics and kinetic modeling of the ignition transient of a H<sub>2</sub>+10%N<sub>2</sub> square wave modulated hollow cathode discharge</b>	P1.1.7
	Ž. Nikitović, V. Stojanović and Z. Lj. Petrović	<b>Modeling in Ar/H<sub>2</sub> discharge</b>	P1.1.8
	C. Foissac, J. Krištof, A. Annušová, P. Veis and P. Supiot	<b>Kinetics of N<sub>2</sub>(B<sup>3</sup>Πg) and N<sub>2</sub>(C<sup>3</sup>Πu) states in N<sub>2</sub>-Ar discharges sustained by a RF helical coupling device</b>	P1.1.9
	A. Annušová, C. Foissac, J. Krištof, P. Veis and P. Supiot	<b>Vibrational Distribution Function of N<sub>2</sub>(C<sup>3</sup>Πu, v') state in N<sub>2</sub>-Ar discharge created by a RF helical coupling device</b>	P1.1.10
	D. A. Little, J. Tennyson	<b>Electron Collisions with N<sub>2</sub><sup>+</sup>: Temperature Dependent Processes</b>	P1.1.11
	S. Lovascio, N. Blin-Simiand, L. Magne, F. Jorand, P. Jeanney, S. Pasquiers	<b>Ethanol decomposition in Air Dielectric Barrier Discharges: experimental study and kinetic modeling</b>	P1.1.12
	E. Benova, P. Marinova, V. Marchev, M. Atanasova, Tz. Petrova	<b>Effect of gas discharge conditions on argon surface-wave-sustained plasma kinetics</b>	P1.1.13
	M. R. Talukder, M. M. Parves and M. A. Uddin	<b>Modified Shevelko model for electron impact double ionization of heavy Elements</b>	P1.1.14
	K. Omiya, I.M. Rusinov, S. Suzuki, H. Itoh	<b>Temperature dependence of ozone loss rate</b>	P1.1.15
Luis Alves and The Lxcat Team	<b>Status report on the LXCat project</b>	P1.1.16	
J. Amorim and J. Loureiro	<b>Broadening of hydrogen lines produced by H<sub>2</sub><sup>+</sup>+H<sub>2</sub> → H<sub>2</sub><sup>+</sup>+H reaction with an energy-dependent cross section</b>	P1.2.1	
B. Bernecker, A. Piquemal	<b>Interactive diagnostics for a pulsed electron beam transport in plasma</b>	P1.2.2	
S. Mazouffre, D. Gerst, S. Cuyenet, M. Cirisan	<b>Plasma drift in a low-pressure magnetized RF discharge</b>	P1.2.3	
G. Afsahi, H. Behnejad, A. H. Jalili, L. A. Viehland	<b>Gaseous ion mobility of SO<sub>2</sub><sup>+</sup> ions in He and Ar</b>	P1.2.4	

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Hirotake Sugawara	<b>Stochastic scattering process to induce inward electron flow in electron conduction path between antiparallel gradient magnetic fields</b>	P1.2.5
A. Takeda, N. Ikuta	<b>PT and SST Electron Energy Distribution and Transport Properties in Lucas-Saelee Model Gas</b>	P1.2.6
Y. Okuyama, M. Sabo, S. Suzuki, Š. Matejčík, H. Itoh	<b>Measurement of negative ion mobility in ultra high purity O<sub>2</sub> at atmospheric pressure</b>	P1.2.7
I. V. Schweigert, A. L. Alexandrov	<b>Afterglow of rf discharge with nanoparticles</b>	P1.2.8
A. Janeco, N. R. Pinhão, V. Guerra	<b>Study of the electron kinetics in He/CH<sub>4</sub>/CO<sub>2</sub> mixtures for Syngas production</b>	P1.2.9
R. Rincón, H.V. Nguyen, N. Bonifaci, F Aitken, V. M. Atrazhev, K. van Haeften	<b>Mobility of negative and positive ions in liquid and gaseous Helium at 4.5 K under different pressures.</b>	P1.2.10

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Chyhin Vasyl	<b>Physical mechanisms of negative corona complicated current pulsation</b>	P1.4.1
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J.C. Poveda, H. Martinez, D. Molina, O. Florez, B. Campillo	<b>Asphaltene decomposition in air plasmas</b>	P1.4.3
B.S. Borisov, V.I.Garkusha, A.G.Korsun, A.V.Rusakov,A.A.Sizov ,T.M.Khomin And E.M.Tverdokhlebova	<b>Ground Experimental Research of Electric-Discharge Processes in Own Plasma Environment and on the Dielectric and Mosaic Surfaces of Spacecrafts at their Electric Bias.</b>	P1.4.4
<u>E. Skladnik-Sadowska</u> , K. Czaus, K. Malinowski, M.J. Sadowski, J. Zebrowski, K. Nowakowska-Langier, I.E. Garkusha, M. K. Ladygina	<b>Studies of Deuterium-Plasma Interaction with a Tungsten Target at Different Energy Fluxes</b>	P1.4.5
E. Skladnik-Sadowska, K. Czaus, K. Malinowski, M.J. Sadowski, J. Zebrowski, R. Kwiatkowski, M. Kubkowska, I.E. Garkusha, M. Ladygina	<b>Interaction of Intense Pulsed Plasma Streams with CFC Targets</b>	P1.4.6
S. Chekour, A. Tahraoui, B. Zaham	<b>Dust grains trapping in magnetized electrostatic sheaths</b>	P1.4.7
E. Fatarella, L. Parisi, F. Peruzzi, L. Corsi, L. Tacconi, R. Basosi, R. Pogni	<b>Sustainable finishing of wollen fabrics by means of plasma treatment</b>	P1.4.8
M. Palmucci, R. Snyders, S. Konstantinidis	<b>Time- and Energy-resolved Mass Spectrometry Study of a Reactive High-Power Impulse Magnetron Sputtering Discharge.</b>	P1.4.9
D. M. Thomas, C. T. N. Willis, J. E. Allen, M. Coppins	<b>The Bohm criterion for flowing plasmas</b>	P1.4.10

	M. Inoue, M. ITO, T. OHTA, M. HORI	<b>Film properties of indium-zinc-oxide films using RF magnetron sputtering evaluated by optical diagnostics in gas phase</b>	P1.4.11
	Kishor Kumar K, L. Couedel, C. Arnas and F. Onofri	<b>Tungsten nanoparticle formation in plasma discharges</b>	P1.4.12
	J. Y. Zhang, R. Ichiki, Y. Kawai	<b>Sheath Potential Measurements in Negative Ion Plasma</b>	P1.5.1
	A. Nikiforov, L. Li, Q. Xiong, N. Britun, R. Snyders, Ch. Leys, X. P. Lu	<b>Time and spatial resolved laser induced spectroscopy of O atoms and OH radicals in 13.56 MHz RF plasma jet.</b>	P1.5.2
	J. Muñoz, J. Margot, and M. Chaker	<b>Absorption spectroscopy measurements of argon metastable and resonant atomic densities in a low pressure Ar/N<sub>2</sub> ICP</b>	P1.5.3
	Jean-Paul Booth, Nshant Sirse, Quentin Delivre and Pascal Chabert	<b>Gas temperature and electron density measurements in Ar and Ar-Cl<sub>2</sub> ICP discharges</b>	P1.5.4
	M.J. Sadowski, K. Czaus, K. Malinowski, E. Skladnik-Sadowska, J. Zebrowski	<b>Energy-, Mass- and Time-Resolved Measurements of Fast Ions Emitted from Plasma Discharges</b>	P1.5.5
	M. A. Ridenti, J. A. Souza-Corrêa, J. Amorim	<b>Measurements of the Ar<sup>+</sup> energy distribution from an atmospheric surface wave discharge in pure Ar and Ar-O<sub>2</sub> mixture</b>	P1.5.6
	L Li, A Nikiforov, Q Xiong, N Britun, R. Snyder, X Lu and C Leys	<b>LIF spectroscopy of OH radicals and the electron temperature in the effluent of atmospheric RF JET in Ar-H<sub>2</sub>O mixtures</b>	P1.5.7
	G. Wattieaux, L. Boufendi	<b>Electrical characterization of the correlation between the dust particles size and the plasma sheath impedance in a capacitively coupled radiofrequency dusty discharge</b>	P1.5.8
	M. Kettlitz, H. Höft, T. Hoder, K.-D. Weltmann, and R. Brandenburg	<b>Comparison of pulsed and sinusoidal operated barrier discharges</b>	P1.5.9
	A. Mahjoub, A. Gouveia, N. Carrasco, C.D. Pintassilgo, L. Marques, M. M. D. Ramos, L.L. Alves, G. Cernogora	<b>RF CAPACITIVELY COUPLED PLASMAS IN N<sub>2</sub>-H<sub>2</sub> MIXTURES</b>	P1.5.10
5	J. Winter, A. Hecimovic, T. de los Arcos, M. Böke, V. Schulz-von der Gathen, A. Pflug	<b>Instabilities in High Power Pulsed Magnetron Plasmas</b>	P1.5.11
	N. Britun, T. Godfroid, and R. Snyders	<b>Time-Resolved Optical Emission Spectroscopy of a Surfaguide Flowing Gas Microwave Discharge</b>	P1.5.12
	O. V. Vozniy, D. Duday, A. Lejars, and T. Wirtz	<b>Optimized metallic and reactive HIPIMS Sputtering for wire treatment</b>	P1.5.13
	S. Hübner, E.A.D. Carbone, J.M. Palomares, J.J.A.M. van der Mullen	<b>Approaching the edges of a surfatron microwave plasma by Thomson scattering</b>	P1.5.14
	Mark W. Kelly, James C. Richley and Michael N.R. Ashfold	<b>C/H/O plasmas for diamond growth: density measurements of key plasma species using cavity ring down and optical emission spectroscopy</b>	P1.5.15

Tsv K Popov, M Mitov, A Bankova, P Ivanova, M Dimitrova, S Rupnik, J Kovačič, T Gyergyek, M Čerček, F M Dias	<b>Langmuir Probe Evaluation of the Negative Ion Density in Oxygen Gas Discharge Magnetized Plasma</b>	P1.5.16
A.V. Pipa, T. Hoder, J. Koskulics, M. Schmidt, R. Brandenburg	<b>Experimental estimation of capacitances in pulsed barrier discharges</b>	P1.5.17
T. Hoder, J. Paillol, R. Brandenburg	<b>On the discharge mechanism and electric field strength development in negative corona Trichel pulses in atmospheric pressure air</b>	P1.5.18
S. Ponduri, S. Welzel, F. Brehmer, M. Ma, M.C.M. van de Sanden, R.Engeln	<b>Fuel synthesis through CO<sub>2</sub> reduction in a plasma expansion</b>	P1.5.19
T. Defais, C. Noël, T. Belmonte, G. Henrion	<b>Threshold ionization mass spectrometry and optical emission spectroscopy characterization of Ar/O<sub>2</sub>/N<sub>2</sub> microwave discharge</b>	P1.5.20
Kh. Tarnev, I. Koleva, St. Lishev, Ts. Paunska, S. Iordanova, A. Shivarova	<b>Mode transition in a small-radius planar-coil inductively-driven discharge</b>	P1.5.21
A. Michau, G. Lombardi, L. Colina Delacqua, M. Redolfi, C. Arnas, X. Bonnin, and	<b>Self-Consistent Modeling of Particle Growth in DC Dusty Discharge</b>	P1.6.1
Mustapha Zakari, Hubert Caqueneau, Pierre Ségur, Frédéric Bras, Nicolas Gherardi, Nicolas Naudé and Pierre Descamps	<b>Numerical modelling of an atmospheric pressure plasma reactor using control volume methods and unstructured grids</b>	P1.6.2
S. Mohr, E. Schuengel, J. Schulze, U.	<b>The influence of field reversals on the DC self bias in capacitive RF-discharges</b>	P1.6.3
M.M. Becker, F. Sigener, D. Loffhagen	<b>On the description of electron transport in fluid models</b>	P1.6.4
P. Diomede, P.A. Delattre, E.V. Johnson, J.P. Booth, S. Longo, D. J. Economou, <small>M. Capitelli</small>	<b>Hybrid Model of Parallel Plate RF Discharges in H<sub>2</sub>: Effect of DC and Tailored Voltage Waveforms</b>	P1.6.5
R. Westermann, R.Engeln, M.C.M.v.d.Sanden	<b>Processes in subsonic expanding thermal argon plasmas</b>	P1.6.6
Yu. O. Tyshetskiy, D. J. Williamson, R. Kompaneets, S. V. Vladimirov	<b>Electrostatic surface waves on a semi-bounded plasma with degenerate electrons: dispersion and attenuation</b>	P1.6.7
Yu. O. Tyshetskiy, R. Kompaneets, S. V. Vladimirov	<b>A shortcut to kinetic simulations of electromagnetic processes in nonrelativistic quantum plasmas</b>	P1.6.8
Z. Bonaventura, M. Duarte, A. Bourdon, M. Massot, S. Descombes, T. Dumont	<b>Numerical simulation of the interaction of two streamer discharges in air</b>	P1.6.9
F. Tholin, A. Bourdon	<b>Numerical simulation of successive nanosecond pulsed discharges in air at atmospheric pressure</b>	P1.6.10

	F. Sayed, S. V. Vladimirov, and Yu. Tyshetskiy	<b>Modulational interactions in quantum plasmas</b>	P1.6.11
	Yu. Golubovskii, S. Gorchakov, H. Lange, A. Timofeev, D. Uhrlandt, J. Winter	<b>Distribution of metastable and resonance atoms in cathode region of low-pressure He-Xe discharge</b>	P1.6.12
	M. Baeva, A. Bösel, J. Ehlbeck, D. Loffhagen	<b>Self-consistent 2D fluid modelling of a microwave excited plasma in argon</b>	P1.6.13
7	B. Fleury, N. Carrasco, T. Gautier, A. Mahjoub, G. Cernogora	<b>On the influence of CO on a dusty N<sub>2</sub>-CH<sub>4</sub> CCP RF discharge</b>	P1.7.1
	V. Nosenko, A. V. Ivlev, G. E. Morfill	<b>Microstructure of a liquid complex (dusty) plasma under shear</b>	P1.7.2
	A. Melzer, A. Schella, J. Schablinski, D. Block, A. Piel	<b>Phase transitions in finite particle clusters in dusty plasmas</b>	P1.7.3
	A. Mahjoub, N. Carrasco, P.-R. Dahoo, T. Gautier, C. Szopa, and G. Cernogora	<b>Optical properties of organic material produced in a dusty plasma</b>	P1.7.4
	A. Gouveia, A. Mahjoub, N. Carrasco, L. Marques, L.L. Alves, G. Cernogora, C.D.Pintassilgo	<b>Experimental characterization of capacitively coupled radio-frequency discharges in N<sub>2</sub>-CH<sub>4</sub></b>	P1.7.5
	Bp Pandey, S.V. Vladimirov and Aa Samarian	<b>Shear driven instabilities in dusty plasmas</b>	P1.7.6
	R. Wild, L. Stollenwerk	<b>Breakdown of order in a self-organised barrier discharge</b>	P1.7.7
	J. T. Ouyang, S. W. Xu, X. X. Duan, I. Aslam, F. He	<b>Evolution of filamentary pattern in glow dielectric barrier discharge system</b>	P1.7.8
	I.N. Derbenev, A.V. Filippov	<b>Study of dust particle charge screening within the nonlocal charging theory</b>	P1.7.9
	8	N. Carrasco, T. Gautier, E. Es-sebbar, P. Pernot, G. Cernogora	<b>Mimicking Titan's upper atmosphere reactivity with a RF-capacitively coupled N<sub>2</sub>-CH<sub>4</sub> plasma.</b>
Bp Pandey and S.V. Vladimirov		<b>Plasma magnetisation and Farley-Buneman Instability</b>	P1.8.2
A. G. Oreshko		<b>The acceleration of charged particles in plasma at the separation of charges and generation of electrical domains</b>	P1.8.3
A. G. Oreshko		<b>The effects of anomalous passing of ball lightning through absorbing filters and generation of dark spherical formation</b>	P1.8.4
D. Resendes, J. Loureiro, M. Lino da Silva, and B. Lopez		<b>Gaussian superposition model for electron density profiles of hypersonic entries in Earth's atmosphere</b>	P1.8.5
	S.I.Gritsinin, A.M.Davydov, I.A.Kossyi	<b>Advances of contemporary gas-discharge fundamental physics and based on them new microwave plasma sources</b>	P1.9.1
	V. I. Demidov, S. F. Adams, E. Bogdanov, M. E. Koepke, A. Kudryavtsev, J. M. Williamson	<b>Dynamic control of plasma properties in the initial stage of a pulsed discharge</b>	P1.9.2

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Yoshio Watanabe, Tomohiro Yamaguchi	<b>Effect on the Electrode Characteristics by the Metal Ring Encircling the Electrode</b>	P1.9.3
Mikhail Pustyl'nik, Lujing Hou, Alexei Ivlev, Leonid Vasilyak, Hubertus Thomas, Gregor Morfill and	<b>High-Voltage Nanosecond Pulse Discharge in a Low-Pressure Preionized Medium</b>	P1.9.4
L. Schiesko, P. Franzen, U. Fantz and NNBI Team	<b>Investigation of the plasma parameters in the expansion region of a negative hydrogen ion source for fusion</b>	P1.9.5
S. Briefi, U. Fantz, G. Lieder	<b>Investigations of indium halides as radiator in ICPs for lighting applications</b>	P1.9.6
Vasco Guerra, Namjun Kang, Minwook Lee, Soo-ghee Oh and André Ricard	<b>Kinetics of the nitrogen pink afterglow in the presence of oxygen impurities</b>	P1.9.7
J. Schulze, E. Schüngel, S. Siepa, U. Czarnetzki	<b>Coupling effects in inductive discharges with RF substrate biasing</b>	P1.9.8
Ts. Paunskaa, A. Shivarova, Kh. Tarnev	<b>2D self-consistent model of a hydrogen discharge inductively driven by a planar coil</b>	P1.9.9
Z. El Oteel, M. D. Bowden, N. St. J. Braithwaite	<b>A simple optical emission spectroscopy technique for detecting EEDF changes in low-pressure pulsed-RF plasma</b>	P1.9.10
N. Georgescu, L. Apostol	<b>Egg surface decontamination by using high voltage pulsed, cold atmospheric plasma jets</b>	P1.10.1
Ronald M. Gilgenbach, David Chalenski, Y. Y. Lau, Sonal Patel, Adam Steiner, David Yager-Eliorraga, Matt Weis, Peng Zhang, Ian Rittersdorf and Jacob Zier	<b>Magneto Rayleigh-Taylor Instability in Dense Plasmas</b>	P1.10.2
A. Hamdan, T. Belmonte, C. Noël, G.	<b>Bubble dynamics created by plasma in heptane</b>	P1.10.3
S.I.Gritsinin, A.M.Davydov, I.A.Kossyi	<b>Microwave coaxial plasma source (physics and applications)</b>	P1.10.4
A. Khlyustova, A. Maximov, D. Panova	<b>Comparison of face and diaphragm discharges action on aqueous solutions of dye's mix</b>	P1.10.5
Sebastien Mitea, Monika Zeleznik, Mark Bowden, Paul May, Neil Fox, Chantal Fowler and Bob Stevens	<b>Diamond-based microhollow cathode discharges</b>	P1.10.6
A. Essiptchouk	<b>High pressure plasma reactor for thermal dissociation of carbon dioxide</b>	P1.10.7
T. Verreycken, R. M. van der Horst, A. H. F. M. Baede, E. M. van Veldhuizen, P. J. Bruggeman	<b>Time and spatially resolved OH density in a nanosecond pulsed discharge in atmospheric pressure He-H<sub>2</sub>O mixtures</b>	P1.10.8
V. Uvarin, D. Kuznetsov, S. Lyubutin, B. Slovikovskii	<b>Compact generator of 240 kV atmospheric pressure nanosecond discharge</b>	P1.10.9

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H. Akashi, T. Yoshinaga, A. Oda	<b>Effect of secondary electron emission on atmospheric pressure oxygen dielectric barrier discharges</b>	P1.10.10
N. A. Bogatov	<b>Threshold Measurements of Discharges from Floating Metal Particles in a Homogeneous Electric Field in Air</b>	P1.10.11

**Poster session 2 (Thursday July 12th, 14:30-16:15)**

<b>Topic number</b>	<b>Author(s)</b>	<b>Title</b>	<b>Program number</b>
	S. Béchu, A. Soum-Glaude, A. Bès, P. Svarnas, M. Bacal, A. Lacoste	<b>Surface mechanisms investigation for negative ion production.</b>	P2.1.1
	C. Küllig, K. Dittmann and J. Meichsner	<b>High and low electronegativity mode in cc-rf oxygen plasma</b>	P2.1.2
	S. Suzuki, Y. Koizumi, H. Itoh	<b>Collisional quenching rate coefficient of <math>N_2(A^3\Sigma^+u)</math> by xylene</b>	P2.1.3
	Jelena Maljkovic, F Blanco, Gustavo Garcia, Bratislav Marinkovic and Aleksandar Milosavljevic	<b>Relative differential cross sections for elastic electron scattering by furan</b>	P2.1.4
	V. Stojanović, Z. M. Raspopović, J. Jovanović, Ž. Nikitović and Z. Lj. Petrović	<b>Detachment rate for negative ions in Ar/BF<sub>3</sub> discharges</b>	P2.1.5
	G. Bandelow, R. Schneider, J. Meichsner	<b>Modeling and sensitivity studies of cc-rf CF<sub>4</sub> plasma</b>	P2.1.6
	H. Terças, J. T. Mendonça and V. Alexandre	<b>Classical rotons due to light fluctuation and plasma-like effects in cold atomic traps</b>	P2.1.7
	Chicheportiche, Bruno Lepetit, Malika Benhenni, Florent Xavier Gadéa and Mohammed	<b>Integral cross sections of He<sup>+</sup>/He and He<sub>2</sub><sup>+</sup>/He interaction systems for optimization of low temperature plasma sources for biomedical uses</b>	P2.1.8
	M. Asandulesa, I. Topala, Y. M. Legrand, M. Dobromir, N. Dumitrascu	<b>About the polymerization of aromatic compounds under atmospheric plasma conditions</b>	P2.1.9
	B. Lopez, M. Lino da Silva, V. Guerra, J. Loureiro	<b>Coupled Hydrodynamic/State-Specific High-Temperature Modeling of Nitrogen Vibrational Excitation and Dissociation</b>	P2.1.10
1	H. Latappy, O. Koeta, N. Blin-Simiand, M. Heninger, H. Mestdagh, S. Pasquiers	<b>Real-time analysis of acetaldehyde conversion by dielectric barrier discharge</b>	P2.1.11
	S. Nguyen-Kuok, S. Hassanpour, A. Ageev	<b>Quantum-mechanical calculation of electron scattering on the atoms in the argon plasma</b>	P2.1.12
	J. Gregório and L. C. Pitchford	<b>Swarm parameters in Cl<sub>2</sub>/rare gas mixtures</b>	P2.1.13
	M. Bouamoud, M. Sahlaoui, Z. N. Ozer and M. Dogan	<b>Higher order effects in the electron impact ionization of Helium atom</b>	P2.1.14
	M. Klas, Š. Matejčík	<b>Electrical Breakdown in Water Vapor at micrometer separations</b>	P2.1.15
	Lucio Isola, Maia Lopez, Javier Cruceño and Bernardo Gómez	<b>Measure of the Ar(1sy) state densities by OES in Ar-N<sub>2</sub> discharges</b>	P2.1.16

Aleksander Drenik, Alenka Vesel and Miran Mozetič	<b>Probability of Heterogeneous Recombination of Atomic Hydrogen on Fine-Grain Graphite Surface</b>	P2.1.17
R. Plašil, T. Kotrík, P. Dohnal, P. Rubovič, Š. Roučka, S. Opanasiuk, J. Glosík	<b>Collisional radiative recombination <math>\text{Ar}^+ + \text{e}^- + \text{e}^-</math> in low temperature plasma</b>	P2.1.18
Namjun Kang, Soo-Ghee Oh, André Ricard and Lee Minwook Ouya Koeta, Stéphane Pasquiers, Nicole Blin- Simiand, Abdouraman Bary and François Juan Carlos Poveda, Alfonso Guerrero, Ignacio Álvarez and Carmen Cisneros	<b>Detection of N<sub>2</sub>(A) metastable molecules in the N<sub>2</sub> RF afterglows</b>	P2.1.19
	<b>Production of methyl nitrate and PAN following the decomposition of acetaldehyde in atmospheric gases</b>	P2.1.20
	<b>Molecular dissociation of polycyclic aromatic hydrocarbons produced by high laser intensities at 355 nm</b>	P2.1.21
Stefan Tinck, Werner Boullart, Annemie Bogaerts	<b>Modeling SiCl<sub>4</sub>/O<sub>2</sub> plasmas used for depositing SiO<sub>2</sub> coatings or mask damage recovery</b>	P2.3.1
H. Testrich, V. Stranak, R. Hippler, J. Meichsner	<b>The reactivity of thin plasmopolymerized ethylenediamine films</b>	P2.3.2
V. Mazankova, V. Sazavska, L. Radkova, F. Krcma	<b>Plasmachemical Removal of Corrosion Layers from Brass</b>	P2.3.3
D. Piroi, M. Magureanu, N.B. Mandache, V.I. Parvulescu	<b>Toluene oxidation by non-thermal plasma combined with palladium catalysts</b>	P2.3.4
Kanako Sekimoto and Mitsuo Takayama	<b>Formation of hydrogen cyanide HCN under limited discharge conditions in non-reduced ambient air</b>	P2.3.5
T. Murakami, K. Niemi, T. Gans, D. O'Connell, W. G. Graham	<b>Plasma chemistry in atmospheric-pressure He-O<sub>2</sub> plasmas in humid air</b>	P2.3.6
I. Topala, R. Jijie, B.G. Rusu, V. Pohoata, N. Dumitrascu	<b>Structure-function relationships in the case of plasma modified proteins</b>	P2.3.7
N. Derkaoui, C. Rond, O. Brinza, M. Wartel, A. Gicquel	<b>Chemical kinetics of H<sub>2</sub>/CH<sub>4</sub> plasmas for high pressure/high power growth conditions used in diamond MPACVD</b>	P2.3.8
E. Gazza, E. Marotta, C. Ceretta, E. Ceriani, V. Shapoval, M. Schiorlin and C. Paradisi	<b>Characterization of non-thermal atmospheric plasmas applied for the degradation of organic pollutants in air and in water with Optical Emission Spectroscopy (OES)</b>	P2.3.9
N. R. Pinhão, A. Janeco, L. M. Redondo, H. Canacsinh, J. Branco	<b>Influence of the voltage waveform of a DBD discharge on the conversion of CH<sub>4</sub> and CO<sub>2</sub></b>	P2.3.10
J. Meichsner and H. Testrich	<b>Gas phase products and kinetics in ethylenediamine plasma polymerization</b>	P2.3.11
D. C. Schram	<b>PLASMA CHEMISTRY and ASTROPHYSICAL PLASMAS Differences and similarities</b>	P2.3.12
L. Nemcova, F. Krcma, C. P. Kelsey, W. G. Graham	<b>Enhancement of plasma generated H<sub>2</sub>O<sub>2</sub> in water by the addition of ethanol</b>	P2.3.13
J. Jánský, A. Bourdon	<b>Simulation of helium discharge dynamics in thin dielectric tubes at atmospheric pressure and discharge interaction with tube surface</b>	P2.3.14



André Ricard and J.P Sarrette	<b>Transmission through hollow tubes of N-atoms produced by N<sub>2</sub> and Ar-1%N<sub>2</sub> flowing microwave afterglows</b>	P2.4.1
F. Kassubek, J. Lehmann	<b>Application of entropy production maximisation to evaporation of atoms</b>	P2.4.2
A. Groza, A.Surmeian, C.Diplasu, C.Luculescu, A.Tempez, M.Ganciu	<b>Evidence of aluminum oxides formation at polymer/Al substrate interface in atmospheric pressure discharges</b>	P2.4.3
N. Brémare, S.Y. Hyun, P. Boubert	<b>High enthalpy air plasma / SiC surface interactions</b>	P2.4.4
Thomas Tillocher, Judith Golda, Philippe Lefauchaux, Bertand Boutaud, Pierre Ranson and Rémi Dussart	<b>Investigations in SF<sub>6</sub> and Cl<sub>2</sub>/Ar plasmas used for titanium deep etching by means of mass spectrometry</b>	P2.4.5
J. M. Díaz Cabrera, M. V. Lucena Polonio, J. I. Fernández Palop, R. Morales Crespo, M. A. Hernández, A. Tejero-del-Caz and J. Ballesteros	<b>Experimental study of the transition of the ion current to a cylindrical Langmuir probe from the orbital to the radial theory</b>	P2.4.6
H. Ghomi, S. Zahedi Azad, N. Navab Safa, Sh. R. Mohammadi	<b>Inactivation of Candida albicans with Low Temperature plasma</b>	P2.4.7
A Ahmad, P Kumar, C Pardanaud, M Carrère, J M Layet, D Eon, A Gicquel, R Engeln and G Cartry	<b>Negative-ion surface production in hydrogen plasma: production mechanisms on different carbon surfaces</b>	P2.4.8
D. Marinov, V. Guerra, O. Guaitella, A. Rousseau	<b>Ozone production in O<sub>2</sub> plasma at low pressure: surface or gas phase mechanism?</b>	P2.4.9
A. Granier, S. Jacq, D. Li, M. Carette, A. Gouillet	<b>Investigation of plasma surface interactions in pulsed O<sub>2</sub>/TTIP low pressure ICP plasma by time resolved optical emission spectroscopy</b>	P2.4.10
D Marinov, D Lopatik, O Guaitella, M Hübner, Y Ionikh, J Röpcke and A Rousseau	<b>Surface vibrational relaxation of N<sub>2</sub> studied by infrared titration with time resolved Quantum Cascade Laser diagnostics</b>	P2.4.11
P. L. Sant'Ana, J. R. R. Bortoleto, E. C. Rangel, N. C. Cruz, L. C. M. Botti, C. A. R. Anjos	<b>Plasma Surface Treatment of Commercial Polymers for use in Food Packaging</b>	P2.4.12
P. L. Sant'Ana, J. R. R. Bortoleto, E. C. Rangel, N. C. Cruz, S. F. Durrant E. A. A. Medeiros, N. F.	<b>Surface Treatment of Commercial Polymers for Food Packaging by Plasma Immersion Ion Implantation</b>	P2.4.13
S. S. Ivković, B. M. Obradović, and M. M. Kuraica	<b>Electric Field Measurement in Multipeak Mode of DBD in Helium-Hydrogen Mixture</b>	P2.5.1
N. Cvetanović, B. M. Obradović, M. M. Kuraica	<b>Detection of energetic hydrogen atoms in a pulse glow discharge</b>	P2.5.2

Bang-Dou Huang, Xi-Ming Zhu, Wen-Cong Chen, Yi-Kang Pu	<b>Spatially-resolved measurement of electron density in a microwave-excited Ar/Kr split-ring resonator microplasma</b>	P2.5.3
A. Mendys, K. Dzierżęga, S. Pellerin, B. Pokrzywka	<b>Diagnostics of laser induced plasmas using emission spectroscopy and laser scattering techniques</b>	P2.5.4
G. Dilecce, P.F. Ambrico, M. Simek and S. De Benedictis	<b>OH density measurement by LIF and time-resolved broad band absorption spectroscopy in atmospheric pressure DBD with He(Ar)-H<sub>2</sub>O and small O<sub>2</sub> additions</b>	P2.5.5
M. Šimek, G. Dilecce, V. Prukner, P.F. Ambrico, S. De Benedictis, V.	<b>Temporal evolution of the N<sub>2</sub>(C<sup>3</sup>Π<sub>u</sub>) vibrational levels produced by single surface streamer in N<sub>2</sub>-O<sub>2</sub> mixtures</b>	P2.5.6
A Surmeian, C Diplasu, A Groza, A.Tempez, P Chapon, M Ganciu	<b>The afterglow plasma of pulsed hollow cathode discharge - a high density metastable source</b>	P2.5.7
A. Soum-Glaude, S. Béchu, A. Bès, K. Hassouni, A. Lacoste	<b>H atom density measurement using a combination of optical emission spectroscopy and Langmuir probes diagnostics.</b>	P2.5.8
C. Küllig, T. Wegner, K. Dittmann and J. Meichsner	<b>Instabilities in cc-rf oxygen plasma</b>	P2.5.9
M. Dünnbier, J. Winter, S. Iseni, A. Schmidt-Bleker, K-D Weltmann, S. Reuter	<b>Space resolved ozone detection in the effluent of a cold atmospheric pressure plasma jet</b>	P2.5.10
S. Nemschokmichal, J. Meichsner	<b>Temporal and spatial resolved density of the metastable N<sub>2</sub>(A<sup>3</sup>Σ<sub>u</sub><sup>+</sup>) molecule in barrier discharges</b>	P2.5.11
Isabelle Géraud-Grenier, François Faubert and Véronique Massereau-Guilbaud	<b>Generation and characterization of hydrogen amorphous carbon nitrile particles and mass spectrometric study of the CH<sub>4</sub>/N<sub>2</sub> radio-frequency plasma.</b>	P2.5.12
S. Jacq, C. Cardinaud, L. LeBrizoual, A. Granier	<b>Kinetics of H atoms in pulsed CH<sub>4</sub> – H<sub>2</sub> plasmas.</b>	P2.5.13
M. Kormunda, J. Pavlik, P. Hedbavny	<b>Plasma diagnostics of DC, DC pulsed and RF magnetron sputtering of SnO<sub>2</sub> targets with dopands by an energy resolved mass spectrometry</b>	P2.5.14
Zh. Kiss'ovski, A. Ivanov, St. Kolev	<b>Probe diagnostics of a small microwave discharge at atmospheric pressure</b>	P2.5.15
Erik Wagenaars, Timo Gans, Deborah O'Connell, Kari Niemi	<b>Atomic nitrogen measurements in an atmospheric-pressure plasma jet</b>	P2.5.16
M. Bogaczyk, G. B. Sretenović, H.-E. Wagner	<b>Townsend-like and glow-like diffuse discharge modes in barrier discharges operating in helium</b>	P2.5.17
M. Bogaczyk, S. Nemschokmichal, G. B. Sretenovic, J. Meichsner, H.-E. Wagner	<b>Spatio-temporally resolved investigation of surface charges, N<sub>2</sub>(A<sup>3</sup>Σ<sub>u</sub><sup>+</sup>) metastables and the discharge development in diffuse N<sub>2</sub> barrier discharges</b>	P2.5.18
K. Gazeli, L. T. Doanh, F. Clément, P. Svarnas, A. Ricard, D. Duday, T. Belmonte	<b>Spectroscopic study of atmospheric pressure plasma jets generated with DBD in gas mixtures of He – Ar – N<sub>2</sub></b>	P2.5.19
D. Le Quang, Y. Babou and P. Andre	<b>Non equilibrium spectroscopic diagnostics of supersonic air plasma jet</b>	P2.5.20

S. Welzel, S.A. Starostin, H. de Vries, M.C.M. van de Sanden,	<b>Gas phase IR studies on the dissociation of organo-silicon precursors in high-current dielectric barrier discharges</b>	P2.5.21
Saša Lazović, Kosta Spasić, Nevena Puač, Gordana Malović, Uroš Cvelbar, Miran Mozetič and Zoran Lj. Petrović	<b>Spatial profiles of atomic oxygen concentrations in a large scale CCP reactor</b>	P2.5.22
F. Pechereau, J.Jánský, A.Bourdon	<b>Numerical study of the influence of plane dielectric obstacles in the path of a streamer discharge in air at atmospheric pressure</b>	P2.6.1
A. Obrusník, Z. Bonaventura, S. Potocký, A. Kromka	<b>Numerical simulation of large area microwave plasma system for deposition of nanocrystalline diamond films</b>	P2.6.2
G. J. M. Hagelaar, J. Gregório, D. Douai	<b>Modeling of ITER glow discharge cleaning</b>	P2.6.3
C. Rond, N. Derkaoui, R. Salem, F. Benedic, A. Michau, K. Hassouni, A. Gicquel	<b>Modelling of microwave plasma used for thick highly boron doped diamond deposition</b>	P2.6.4
A. Markosyan, S. Dujko, U. Ebert	<b>High order fluid model for ionization fronts in streamer discharges</b>	P2.6.5
P. Simon, A. Bogaerts	<b>Modelling of an atmospheric pressure dc glow discharge</b>	P2.6.6
J. Claustre, M. Paulin, B. Chaudhury, G. Fubiani, J.P. Boeuf	<b>Particle-In-Cell Monte Carlo Collision model on GPU (Graphics Processing Units) - Application to a low temperature magnetized plasma</b>	P2.6.7
B. Chaudhury, J.P. Boeuf, G. Fubiani, J. Claustre	<b>Currents through a magnetic filter in a low temperature plasma from a Particle-In-Cell Monte Carlo Collisions model</b>	P2.6.8
L. Garrigues, N. Oudini, G.J.M. Hagelaar, and J.P. Boeuf	<b>Ion and fast atom beams in an End-Hall ion source: a numerical study</b>	P2.6.9
L.L. Alves, B. Debord, F. Gérôme, R. Jamier, F. Benabid	<b>Modelling of microwave-driven micro-plasmas in HCPCF</b>	P2.6.10
N. Oudini, A. Meige, A. Aanesland, J.L. Raimbault, P. Chabert, L. Garrigues, and G.J.M. Hagelaar	<b>One-dimensional Particle-In-Cell simulations of the sheath dynamic in ion-ion plasmas</b>	P2.6.11
L. Garrigues, P. Coche, G.J.M. Hagelaar, and J.P. Boeuf	<b>A particle test Monte-Carlo model to understand electron-wave interactions in a Hall Effect Thruster</b>	P2.6.12
Raoul Franklin	<b>Two Dimensional Plasma Configurations</b>	P2.6.13
S. Novak, P. Cerny, R. Hrach, V. Hrachova	<b>Study of Sheath in Multicomponent Plasmas</b>	P2.6.14
Jose Gregorio and Leanne Pitchford	<b>Modelling of cathode boundary layer discharges in Kr/Cl<sub>2</sub> mixtures</b>	P2.6.15
H. Tawidian, M. Mikikian, T. Lecas, I. Géraud-Grenier, V. Massereau-Guilbaud	<b>Dust particle growth kinetics in a sputtering discharge using Ar or Kr</b>	P2.7.1
A.V. Filippov, A.F. Pal, A.N.Ryabinkin, A.O.Serov, A.N. Starostin	<b>Rotation of rod-like particles in RF discharge</b>	P2.7.2

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V.I. Arkhipenko, Y.A. Safronau, L.V. Simonchik, I.M. Tsuprik	<b>Self-organization of the anode spots and fluctuations of dc glow discharge parameters in atmospheric pressure helium</b>	P2.7.3
Dmitry Lopatik, Frank Hempel, Brankica Sikimić, Ilija Stefanović, Jörg Winter and Jürgen Röpcke	<b>On the hydrocarbon kinetics in dust producing symmetrically driven rf plasmas</b>	P2.7.4
Shinya Iwashita, Giichiro Uchida, Julian Schulze, Edmund Schüngel, Peter Hartmann, Kazunori Koga, Masaharu Shiratani, Zoltán Donkó, Uwe Czarnetzki	<b>Development of dust particle manipulation method in capacitively coupled plasmas via the Electrical Asymmetry Effect</b>	P2.7.5
L. D'yachkov, S. Savin, M. Myasnikov, O. Petrov, V. Fortov, A. Kaleri, A. Borisenko	<b>Coulomb clusters in a cusp magnetic trap under microgravity condition</b>	P2.7.6
O. Levasseur, A. Bouarouri, N. Naudé, R. Clergereaux, N. Gherardi and L. Stafford	<b>Organization of dielectric barrier discharges in the presence of structurally-inhomogeneous wood substrates</b>	P2.7.7

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E. Schüngel, S. Mohr, J. Schulze, U. Czarnetzki	<b>Capacitive H<sub>2</sub> and H<sub>2</sub> SiH<sub>4</sub> plasmas driven by electrically asymmetric voltage waveforms</b>	P2.8.1
A.V. Klochko, J. Lemainque, S.M. Starikovskaia	<b>Experimental study of fast gas heating in a capillary nanosecond discharge</b>	P2.8.2
N. Sasaki, M. Nogaku, A. Yoshimura, Y.	<b>Characteristics of small-bore glow discharge positive columns in neon-nitrogen gas mixtures</b>	P2.8.3
E. C. Rangel, T. M. Gonçalves, L. H. F. Silva, R. C. C. Rangel and N. C. Cruz	<b>Alumina Precipitation in a-C:H Films Prepared by a Hybrid Plasma Technique</b>	P2.8.4
L. Colina Delacqua, M. Redolfi, A. Michau, G. Lombardi, K. Ouaras, K. Hassouni, X. Bonnin	<b>Design and qualification of a low pressure / high density ECR dipolar plasma reactor used for synthesis of mixed material dust</b>	P2.8.5
A. Lacoste, S. Béchu, G. Regnard, A. Bès, J. Pelletier	<b>Top-to-tail microwave plasma sources with extended operating conditions</b>	P2.8.6
S. R. Gocić, N. Škoro, D. Marić and Z. Lj. Petrović	<b>Spatial structure of the low-pressure discharge in nitrogen – influence of surface conditions</b>	P2.8.7
A. Oda, H. Kousaka	<b>Numerical Simulation on Fundamental Properties in Low-Pressure Radio-Frequency CH<sub>4</sub> Plasmas for Diamond-Like</b>	P2.8.8
J. Sivoš, N. Škoro, D. Marić, G. Malović and Z. Lj. Petrović	<b>Axial emission profiles of Townsend discharge in water vapour</b>	P2.8.9
A. Aanesland, L. Popelier, N. Oudini and P. Chabert	<b>Space charge neutralisation of continuous dual ion beams</b>	P2.8.10
H. Ghomi, S. Mohades, N. Navab Safa, H.	<b>Effects of the structure of non-thermal plasma generator on bacterial inactivation</b>	P2.10.1
R. Rincón, M. Sáez, MD. Calzada	<b>Argon plasmas produced by a microwave (2.45 GHz) TIAGO torch as function of gas flow and microwave input power</b>	P2.10.2

10	Yu. Akishev, G. Aponin, M. Grushin, V. Karalnik, A. Petryakov, N. Trushkin	<b>Three stages in development of a surface DBD in dense gases excited by a single negative high-voltage pulse</b>	P2.10.3
	Schmidt-Bleker, Kai Masur, Thomas von Woedtke, Klaus-Dieter Weltmann and Stephan Reuter	<b>Plasma-generated reactive species in liquids by a gas shielded atmospheric pressure plasma jet effluent</b>	P2.10.4
	S. Stepanyan, I. Kosarev, S. Starikovskaia	<b>Electric field evolution in surface nanosecond dielectric barrier discharge</b>	P2.10.5
	L. Simonchik, L. Pitchford, Y. Safronau	<b>Effect of the cathode surface temperature on the cathode fall layer parameters</b>	P2.10.6
	F. Brehmer, S. Welzel, M. van der Schans, S. Ponduri, M.C.M. van de Sanden, R. Engeln	<b>CO<sub>2</sub> dissociation studies in dielectric barrier discharges</b>	P2.10.7
	V. Stepanova, J. Vorac, P. Slavicek	<b>Modification of the properties of animal fibers using dielectric barrier discharge at atmospheric pressure</b>	P2.10.8
	M. Teodorescu, E. R. Ionita, M. Bazavan, G. Dinescu	<b>Current-voltage characteristics of a RF plasma jet discharge with bare electrodes at low and atmospheric pressure</b>	P2.10.9
	M. Santos, C. Noël, T. Belmonte, L.L. Alves	<b>Surface-wave discharges in helium at atmospheric pressure: simulations vs experiments</b>	P2.10.10

**Poster session 3 (Friday July 13th, 11:15-13:00)**

<b>Topic number</b>	<b>Author(s)</b>	<b>Title</b>	<b>Program number</b>
1	A. Bekstein, J. de Urquijo, F. J. Gordillo-Vázquez, G. Ruiz-	<b>Influence of pressure on the formation of negative ions in water vapour</b>	P3.1.1
	M. Danko, J. Országh, A. Ribar, Š. Matejčík	<b>Electron Induced Emission of Methane</b>	P3.1.2
	A. Bekstein, C. Villavicencio, J. Figueroa, J. de Urquijo	<b>Electron detachment in N<sub>2</sub>O</b>	P3.1.3
	Charles Klett, Zixian Jia, Sylvain Touchard, Arlette Vega, Michael Redolfi, Khaled Hassouni and Xavier	<b>Oxidation of an acetaldehyde/acetylene equimolar mixture by an atmospheric non-thermal plasma discharge</b>	P3.1.4
	Jeong Ryeol Choi, Kyu Hwang Yeon, Mustapha Maamache, Salah Menouar, Samira Lakehal	<b>Quantum analysis of a modified Caldirola-Kanai oscillator model for electromagnetic fields in time-varying plasma</b>	P3.1.5
	E. A. D. Carbone, J. M. Palomares, S. Hübner, J.J.A.M. van der Mullen	<b>Unravelling in situ atomic and molecular kinetics by LCIF and Thomson scattering</b>	P3.1.6
	T.T.J. Clevis, S. Nijdam, U. Ebert	<b>Slow decay of radiation after a pulsed streamer discharge in pure nitrogen</b>	P3.1.7
	I. Zymak, M. Hejduk, D. Mulin, R. Plašil, D. Gerlich and J. Glosík	<b>Ternary association of H<sup>+</sup> ions with H<sub>2</sub>; Experiments with normal and para-enriched hydrogen at 11 K</b>	P3.1.8

	Mario Lino Da Silva, Dzmitry Tsyhanou, Vasco Guerra and Jorge Loureiro	<b>An Improved Kinetic Model for Highly Ionized N<sub>2</sub>-CH<sub>4</sub> Shocked Flows</b>	P3.1.9
	W.Kamiński, J.Kęsik, P.Warda	<b>Influence of neon and argon admixtures on laser generation conditions of krypton ion lasers</b>	P3.1.10
	Ivan Mancev and Nanad Milojevic	<b>Charge exchange in fast Li<sup>3+</sup> - He collision</b>	P3.1.11
4	S. Welzel, S.A. Starostin, H. de Vries, M.C.M. van de Sanden, C. Martin, G. Giacometti, P. Languille, J. Gunn, G. Cartry, C. Pardanaud, B.	<b>Gas phase studies during roll-to-roll processing of polymers in air- like atmospheric pressure DBDs</b>	P3.4.1
		<b>Graphite surfaces exposed in Tore Supra: Erosion, ripple formation and sheath effect</b>	P3.4.2
	E. C. Neyts, A. Bogaerts	<b>Understanding plasma growth of SWNTs: Effect of electric field and ion bombardment</b>	P3.4.3
	Hamid Ghomi, Abolfazl Mahmoodpoor	<b>Simulation of evolution of the pulsed plasma sheath around a microsized tip</b>	P3.4.4
	Francisco Dias, Neli Bundaleska, Rafael Saavedra, Elena Tatarova, Carlos Ferreira and Jayr Amorim	<b>Pretreatment of sugarcane biomass by atmospheric pressure microwave plasmas</b>	P3.4.5
	Bruno Bellotti Lopes, Nilson Cristino da Cruz, Eliana Duek	<b>Surface Activation and the Aging Effect of Biopolymers by atmospheric Plasma Treatment</b>	P3.4.6
	Johannes Berndt, Eva Kovacevic, Hamid Acid, Thomas Strunskus and Laifa Boufendi	<b>Low temperature plasmas as a source for nanostructured organic surfaces with controlled wettability</b>	P3.4.7
	Brankica Sikimić, Igor Denysenko, Ilija Stefanović, Jörg Winter	<b>The effect of the thin film at the electrodes on the sheath size and ion flux in an argon plasma afterglow</b>	P3.4.8
	Eva Kovacevic, Johannes Berndt, Hamid Acid and Laifa Boufendi	<b>Low temperature plasma deposition of thin films/nanoparticles from poly(methyl methacrylate)</b>	P3.4.9
	Naoki Nakashima, Moe Shibata, Toshihiro Takamatsu, Ryota Sasaki, Hidekazu Miyahara, and Akitoshi Okino	<b>High-Speed Reduction of Oxide Film and Surface Hydrophilization using Atmospheric Multi-Gas Plasma Jet</b>	P3.4.10
	D. Marinov, O. Guaitella, C. Corbella, T. de los Arcos, A. von Keudell, A. Rousseau	<b>Probing adsorption and reactivity of nitrogen atoms on silica surface under plasma exposure</b>	P3.4.11
	C. Barakat, P. Gravejat, O. Guaitella, A. Rousseau	<b>Adsorbed and Gas Phase Study of the Oxidation of Isopropanol on TiO<sub>2</sub> Using Non Thermal Plasma for Surface Regeneration</b>	P3.4.12
S. Nguyen-Kuok, S. Fedorovich, V. Chinnov	<b>Determining electron temperature and density in RF plasma torches</b>	P3.5.1	
S. Fedorovich, Yu. Malakhov, S. Nguyen- Kuok	<b>A METHOD DIAGNOSTIC OF RF PLASMA TORCHES IN ULTRA-VIOLET RANGE</b>	P3.5.2	

I.M.F. Bragança, P.A.R. Rosa, F.M. Dias, L.L. Alves	<b>Experimental and modelling characterization of micro-EDM plasmas</b>	P3.5.3
G.D. Stancu, D.A. Lacoste, C.O. Laux	<b>Investigations of carbon monoxide emission in methane flames stabilized by nanosecond pulsed discharges using Mid-IR QCLAS</b>	P3.5.4
O. Levasseur, L. Stafford, N. Gherardi, and N. Naudé	<b>Diagnostic of atmospheric-pressure He discharges controlled by dielectric barriers in presence of porous wood samples</b>	P3.5.5
D. Mendil, H. Lahmar, L. Boufendi, D. Ouadjaout, L. Henni, D. Louhibi, K. Henda	<b>Study of spacial evolution of EEDFs and plasma parameters in RF-CCP argon stochastic mode discharge by Langmuir probe</b>	P3.5.6
M. Procházka, L. Blahová, F. Krčma, R. Přikryl	<b>In-situ monitoring of thin film depositon process using optical emission spectroscopy</b>	P3.5.7
J. Klusoň, P. Kudrna and M. Tichý	<b>Gas flow velocity in the low pressure hollow cathode plasma jet sputtering system</b>	P3.5.8
Arnaud Bultel, Vincent Morel	<b>Collisional-radiative modeling of a thermal Helium beam penetrating the edge plasma of a Tokamak</b>	P3.5.9
J. Bredin, L. Popelier, V. Godyak, P. Chabert and A. Aanesland	<b>Evolution of electron temperature and negative ion density through a magnetic barrier</b>	P3.5.10
M. Hübner, D. Marinov, O. Guaitella, N. Lang, A. Rousseau, J. Röpcke	<b>A temperature study of a low pressure, pulsed dc plasma using quantum cascade laser absorption spectroscopy (QCLAS)</b>	P3.5.11
E. A. D. Carbone, S. Hübner, E. Iordanova, N. de Vries, M. Jimenez-Diaz, J. M. Palomares and J.J.A.M. van der Mullen	<b>Discrepancies between different electron Temperature diagnostics: probing the Electron Energy Distribution Function</b>	P3.5.12
P. Dankov, Zh. Kiss'ovski	<b>Hairpin Probe Sensitivity for Determination of Plasma Density</b>	P3.5.13
Lanoir Maaloul, Luc. Stafford, and Andranik Sarkissian	<b>Investigation of the role of sputtered particles on the plasma properties during rf-magnetron sputtering of Zn and ZnO targets</b>	P3.5.14
J. Ferreira, L. Stafford, and R. Leonelli	<b>Optical emission spectroscopy of the flowing afterglow of a microwave N<sub>2</sub>/O<sub>2</sub> plasma used for the modification of GaN nanowires</b>	P3.5.15
B. Sikimić, I. Stefanović, and J. Winter	<b>Measurement of ion fluxes in plasmas with nanoparticles</b>	P3.5.16
Bouabdellah Rahmani, Belkacem Saghi, Torkia Smali, Georges Zissis	<b>Experimental study of chlorine effect on krypton chlorine excilamp</b>	P3.5.17
K. Teranishi, H. Kumegawa, H. Shimada, N. Shimomura and H. Itoh	<b>Measurement of ozone density distribution in a dielectric barrier discharge ozone generator using laser absorption method</b>	P3.5.18
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