Poster format is A0 Portrait Mode. Please ensure your poster is in place by 2pm on the relevant day. Posters 1-111 (inclusive) are in Poster Session 1 (Wed 18th), the remainder are in Poster Session 2 (Friday 20th). Velcro fasteners will be provided – please don't use tacks or tape!

Please note that there is not sufficient space to record all the poster authors here, but the conference abstract booklet has a comprehensive author list

Poster	Submitting Author	Poster Session 1: Title of poster	Topic
1.	Jung, Young-Dae	Renormalization shielding effect on the electron-impact ionization in dense plasmas	1. Atomic and molecular processes in plasmas
2.	Rice, John	X-ray Observations of K_β Emission from Medium Z He-like Ions in C-Mod Tokamak Plasmas	1. Atomic and molecular processes in plasmas
3.	Blin Simiand, Nicole	Butanoic acid and butanoic acid/ethanol mixture removal by electro-ceramic barrier discharge	1. Atomic and molecular processes in plasmas
4.	Blin Simiand, Nicole	Acetone decomposition in homogeneous and filamentary plasmas of atmospheric gases	1. Atomic and molecular processes in plasmas
5.	Suzuki, Susumu	Determination of Arrhenius equations for collisional quenching rate coefficients of Ar(3P2) by Ar(1S0) and H2O	1. Atomic and molecular processes in plasmas
6.	Aleksandrov, Nickolay	Recombination of electrons with water cluster ions in afterglow of high-voltage nanosecond discharge	1. Atomic and molecular processes in plasmas
7.	Aleksandrov, Nickolay	Collisional quenching of $N_2(C^3\,\Pi_u)$ and $N_2{+}(B^2\,\Sigma^+_u)$ by hydrocarbon molecules in nanosecond discharge afterglow	1. Atomic and molecular processes in plasmas
8.	Fursa, Dmitry	Vibrationally resolved electron-impact excitation of molecular hydrogen	1. Atomic and molecular processes in plasmas
9.	Van de Steen, Cyril	Mobility of Kr_2^+ ions in Kr for cold plasma modelling	1. Atomic and molecular processes in plasmas
10.	Khassenov, Mendykhan	Emission and level population in noble gases and their binary mixtures ionized by ion beam	1. Atomic and molecular processes in plasmas
11.	Khassenov, Mendykhan	Luminescence spectra of noble gases and their binary mixtures excited by products of $^6Li(n,\alpha)^3H$ nuclear reaction	1. Atomic and molecular processes in plasmas
12.	Wünderlich, Dirk	Yacora on the Web: providing collisional radiative models for plasma spectroscopists	1. Atomic and molecular processes in plasmas
13.	Plasil, Radek	Elementary processes in low temperature plasma down to 30 K – experimental setup	1. Atomic and molecular processes in plasmas
14.	Gibson, Andrew	Calculated electron impact excitation and dissociation cross sections for H2O2 and implications for plasma modelling	1. Atomic and molecular processes in plasmas
15.	Koepke, Mark	Experimental development of iso-electronic line ratio temperature diagnostic for soft x-ray absorption spectra	1. Atomic and molecular processes in plasmas

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16.	Bettadj, Latifa	Effects of radiative cascades from higher levels on the properties of the Fe^{25+} Lyman-line emission following radiative recombination	1. Atomic and molecular processes in plasmas
17.	Boufatah, Mohammed Reda	Original expression of the nonrelativistic partial cross sections for radiative recombination of bare ions	1. Atomic and molecular processes in plasmas
18.	Chatterjee, Abhyuday	O2 X, a and b densities and kinetics in pure O2 DC discharges: VUV absorption, IR emission and Cavity Ring Down Spectroscopy measurements	1. Atomic and molecular processes in plasmas
19.	Krivoruchko, Dariya	Experimental and theoretical investigations of atomic and molecular processes in Hall Thruster plasma	1. Atomic and molecular processes in plasmas
20.	Dosbolayev, Merlan	Influence of the cathode sputtering on gas discharge parameters	1. Atomic and molecular processes in plasmas
21.	Tudorovskaya, Maria	Electron-molecule scattering in coma plasma: R-matrix calculations with Quantemol-N	1. Atomic and molecular processes in plasmas
22.	Orszagh, Juraj	Electron induced excitation of molecules relevant for astrophysics	1. Atomic and molecular processes in plasmas
23.	Papp, Peter	Understanding the differences in electron attachment and dissociation of gas phase vs molecular clusters of c-C_4F_8	1. Atomic and molecular processes in plasmas
24.	Durian, Michal	High sensitivity measurements of electron induced fluorescence of H2 continuum radiation	1. Atomic and molecular processes in plasmas
25.	Okuyama, Yui	Variations of ion-molecule reactions and observed ion mobility in O2 with a little amount of impurities	2. Transport phenomena; particle velocity distributions
26.	Chernyshev, Timofey	Numerical simulation of the kinetic effects in a Hall thruster	2. Transport phenomena; particle velocity distributions
27.	Tejero-del-Caz, Antonio	The LisbOn KInetics Boltzmann solver	2. Transport phenomena; particle velocity distributions
28.	Babinov, Nikita	ITER in-vessel optics cleaning: Transport and re-deposition of sputtered materials	2. Transport phenomena; particle velocity distributions
29.	Vass, Máté	Measurement and kinetic computations of electron transport parameters in acetylene	2. Transport phenomena; particle velocity distributions
30.	Ogloblina, Polina	Electron kinetics in CO_2/CO mixtures	2. Transport phenomena; particle velocity distributions
31.	Schweigert, Irina	Properties of switching devices based on open discharge	2. Transport phenomena; particle velocity distributions
32.	Schweigert, Irina	Non-uniformity of electron and ion fluxes over emissive surface with debye-scale erosion grooves	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)

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33.	Sharma, Rohit	Investigation of electron transport properties of two-temperature Argon-Helium thermal plasma	2. Transport phenomena; particle velocity distributions
34.	Yamazaki, Masahiro	Decomposition efficiency of CO_2 in recombining hydrogen plasma with ultralow electron temperature	3. Physical basis of plasma chemistry
35.	Bilea, Florin	Effect of pulse duration on degradation and mineralization of 2,4-dichlorophenoxyacetic acid in a corona plasma system	3. Physical basis of plasma chemistry
36.	Guaitella, Olivier	DC discharges on CO_2/Ar mixtures: modelling and experiment	3. Physical basis of plasma chemistry
37.	Pontiga, Francisco	Comparison between AC DBD and nanosecond pulsed DBD for carbon dioxide dissociation with mixtures of oxygen	3. Physical basis of plasma chemistry
38.	Chatain, Audrey	Experimental characterization of a N_2-H_2 CCP RF discharge: electron density, NH_3 concentration, positive ion populations	3. Physical basis of plasma chemistry
39.	Tejero-del-Caz, Antonio	The LisbOn KInetics tool suit	3. Physical basis of plasma chemistry
40.	Brandenburg, Ronny	Multi-Dimensional Time-Correlated Single Photon Counting for Investigation of Microplasma Reactors	3. Physical basis of plasma chemistry
41.	Er, Mine	Synthesis of metallic silver nanoparticles by solution plasma processing – A parametrical study	3. Physical basis of plasma chemistry
42.	Furusato, Tomohiro	Efficient production conditions of OH radicals generated by pulsed surface discharge plasma on water	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
43.	Sasaki, Koichi	Production of droplets by magnetron sputtering of a liquid tin target	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
44.	Silva, Carla	Diagnostics of hollow cathode plasma and sputtered materials ejected from small diameter metallic tubes by 2-D deposition patterns on silicon wafer targets	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
45.	Ito, Gen	Wall Reflection Model of Low Energy Xenon Ions Accelerated by Hall Electric Thrusters	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
46.	Viegas, Pedro	Modelling and experimental investigation of plasma-target interaction at atmospheric pressure through electric field characterization	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
47.	Somboonkittichai, Nopparit	Rice Grain Dehydration Enhanced by Sheath Plasma	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)

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48.	Ellis, James	Surface production of negative ions on nitrogen doped diamond samples	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
49.	Favre, Mario	Characterization of the on-substrate plasma in Pulsed Laser Deposition of Carbon Films	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
50.	Tavant, Antoine	Effects of secondary electron emission from the ceramic walls on the discharge of Hall effect thrusters using a 2D PIC simulation.	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
51.	Sakudo, Noriyuki	Ion energy bombarding the surface of pulse-biased sample	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
52.	Honnorat, Bruno	Interaction of cold plasma with living tissue: heat and chemical transport across the skin	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
53.	Munoz-Cordovez, Gonzalo	Silicon surface modifications produced by outflows emitted by tungsten conical wire array Z-pinches	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
54.	Davies, Helen	Low Temperature Air Plasmas for Wound Healing Applications	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
55.	Utegenov, Almasbek	Dust formation during the interaction of a pulsed plasma flow with ITER candidate wall materials	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
56.	Tabares, Francisco	Ammonia formation from H_2/N_2 Glow Discharge plasmas on metal surfaces in the presence of noble gas bombardment	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
57.	Ussenov, Yerbolat	Thin film deposition by combined plasma jet and spark discharge source at atmospheric pressure	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
58.	Christensen, Paul	The production of ketene and C_5O_2 from CO_2, N_2 and CH_4 in a non-thermal plasma catalysed by earth-abundant elements: an in-situ FTIR study	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
59.	Christensen, Paul	The Production of Methane, Acetone, "Cold" CO and Oxygenated Species from Isopropyl Alcohol in a Non-Thermal Plasma: An In-Situ FTIR Study	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
60.	Škoro, Nikola	Treatment of flour by surface DBD source in air	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)

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61.	Škoro, Nikola	Effect of target surface on optical and electrical properties of He plasma jet	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
62.	Medvecká, Veronika	Low-temperature plasma assisted preparation of ceramic nanofibers	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
63.	Meehan, David	Composition of various metal-oxide films as a function of depth, deposited by Plasma Enhanced-Pulsed Laser Deposition.	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
64.	Benilov, Mikhail	On the validity of the kinetic Bohm criterion	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
65.	Akbi, Mohamed	Influence of arcing in air on EWF for Silver-Metal Oxide (Ag-MeO) Electrical Contacts	4. Plasma surface interactions (boundary layers, sheaths, surface processes etc)
66.	Bhattarai, Shankar	Flexibility, Validity and Susceptibility of Cylindrical Langmuir Probes for CubeSat and Pico-Satellite to Characterize Ionosphere and Thermosphere Plasma	5. Plasma diagnostics
67.	Inada, Yuki	Talbot Interferometer for Two-Dimensional Electron Density Measurement over Positive Secondary Streamer Discharge Propagating in Atmospheric-Pressure Air	5. Plasma diagnostics
68.	Regodón, Guillermo Fernando	Radial Langmuir probe models for electronegative plasmas: Dependance of the floating potential on the geometry	5. Plasma diagnostics
69.	DING, Chenyang	Time-resolved electron temperature OES measurement in filamentary discharge	5. Plasma diagnostics
70.	Hansen, Luka	Measurements of the energy flux on an atmospheric pressure surface barrier discharge	5. Plasma diagnostics
71.	Xiong, Qing	Visualization of an atmospheric-pressure micro-glow discharge by multi-advanced diagnostic approaches	5. Plasma diagnostics
72.	Dyatko, Nikolay	Study of radial distributions of Ar($1s_5$) metastable atom number density in Ar and Ar:N_2 dc glow discharges	5. Plasma diagnostics
73.	Dyatko, Nikolay	Experimental and theoretical study of the population of Ar($3p^5 4p$) states in a dc glow discharge in argon	5. Plasma diagnostics
74.	Dyatko, Nikolay	Determination of electric field in pre-breakdown wave in Ar-Hg mixture by spectroscopic method	5. Plasma diagnostics
75.	Kettlitz, Manfred	Impact of N2O admixture in N2 on the characteristics of pulsed-driven DBDs at atmospheric pressure	5. Plasma diagnostics
76.	Kersten, Holger	An optically trapped and manipulated microparticle as plasma probe	5. Plasma diagnostics

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77.	Slikboer, Elmar	Diagnostics of Targets under Plasma Exposure using Mueller Polarimetry	5. Plasma diagnostics
78.	Ito, Masafumi	Diagnostics of radicals generated from atmospheric-pressure radical source and their activated water using ultra-violet absorption spectroscopy	5. Plasma diagnostics
79.	Chng, Tat Loon	TALIF N(4S) atom density measurements in the afterglow of a nanosecond capillary discharge	5. Plasma diagnostics
80.	Briefi, Stefan	Benchmark measurements of a dissociation and ionization model for low pressure low temperature hydrogen discharges	5. Plasma diagnostics
81.	Wyndham, Edmund	Plasma dynamics of wire explosions using twin independent kA single and multiple pulse top-hat pulse generators	5. Plasma diagnostics
82.	Fröhler, Caecilia	Absolute measurements of UV/VUV photon fluxes with a portable diode system in low pressure plasmas	5. Plasma diagnostics
83.	Tyl, Clémence	Local electrical diagnostics of a homogeneous Dielectric Barrier Discharge at atmospheric pressure	5. Plasma diagnostics
84.	Grofulović, Marija	A rotational Raman study under non-thermal conditions in pulsed CO_2/N_2 and CO_2/O_2 glow discharges	5. Plasma diagnostics
85.	Nakagawa, Yusuke	Measurement of atomic oxygen temperature produced in narrow gap ozone generator	5. Plasma diagnostics
86.	Gordillo-Vázquez, Francisco J	GALIUS: A new spectrograph for ultrafast spectroscopy and imaging of lightning and meter long arcs	5. Plasma diagnostics
87.	Kasri, Salima	Optimisation of a ns-pulsed micro-hollow cathode discharge array in Ar/N_2 for atomic nitrogen production	5. Plasma diagnostics
88.	Marmuse, Florian	Temperature and density measurements in an iodine RF-CPP plasma with emission and absorption spectroscopy.	5. Plasma diagnostics
89.	Fantz, Ursel	Application of an AC method for measuring the EEDF in low pressure plasmas by a Langmuir probe	5. Plasma diagnostics
90.	Krivoruchko, Dariya	Laser Induce Fluorescence for thruster plume divergence measurements: theory and application	5. Plasma diagnostics
91.	Morillo Candas, Ana Sofia	Comparison of gas temperature measurements with Raman, FTIR and HR-TALIF	5. Plasma diagnostics
92.	Meehan, David	Measurements of gas temperatures within pulsed oxygen inductively coupled plasmas by use of the $O_2(b^1\Sigma_g^+)$ to $O^2(X^3\Sigma_g^+)$ transition.	5. Plasma diagnostics
93.	Thomas, Sébastien	Decomposition of acetone in a photo-triggered discharge and identification of products using PTRMS	5. Plasma diagnostics

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94.	Yamazaki, Masahiro	Measurements of electron density, electron temperature, and gas temperature in recombining hydrogen plasma with addition of CO_2	5. Plasma diagnostics
95.	Han, Jia	Spatially Non-Uniform Plasma Conductivity and Power Deposition in a Process Plasma	5. Plasma diagnostics
96.	Qian, Yuchen	An Inexpensive Python Based Data Acquisition and Motion Control System for 2D and 3D Plasma Measurement	5. Plasma diagnostics
97.	Booth, Jean-Paul	Oxygen metastable molecule densities in inductively-coupled plasmas in pure O_2 measured by VUV absorption	5. Plasma diagnostics
98.	Minea, Tiberiu	Electron property evolution in HiPIMS plasmas by incoherent Thomson scattering	5. Plasma diagnostics
99.	Lee, S.h	Comparative measurements of negative ion density by a laser photo-detachment method and an electric probe in a DC-filament plasma source	5. Plasma diagnostics
100.	Srivastav, Prabhakar	Temperature Fluctuation Measurement and Electron Temperature Gradient (ETG) turbulence in Large Volume Plasma Device(LVPD)	5. Plasma diagnostics
101.			
102.	Valinattaj Omran, Azadeh	Control of the atmospheric pressure plasma gun for tissue treatment	5. Plasma diagnostics
103.	Stancampiano, Augusto	Time-resolved measurement of the electric field induced by a plasma gun device in a conventional electroporation setup	5. Plasma diagnostics
104.	Cartry, Gilles	Surface production of negative ion in low pressure H_2/D_2 plasmas: measurement of the absolute negative ion flux	5. Plasma diagnostics
105.	Moravský, Ladislav	Ion Mobility Spectrometry monitoring of decomposition of Phthalates by Corona Discharge	5. Plasma diagnostics
106.	Naudé, Nicolas	Local Characterization of Homogeneous Dielectric Barrier Discharges in presence of hexamethyldisiloxane and nitrous oxide used for plasma deposition	5. Plasma diagnostics
107.	Asimakoulas, Leonidas	Discharges in liquids-Experiment and Simulations of plasma kinetics	5. Plasma diagnostics
108.	Woodward, David	Full wave numerical simulations of cross-polarization Doppler backscattering	5. Plasma diagnostics
109.	Mitu, Bogdana	Monitoring the hydrogenated/fluorinated carbon layers deposition by Optical Emission Spectroscopy	5. Plasma diagnostics
110.	Schröter, Sandra	Picosecond TALIF to quantify collisional quenching of laser-excited states in atmospheric pressure plasmas	5. Plasma diagnostics
111.	Hemmati, Mostafa	Speed and Current in Lightning Return Strokes	6. Plasma discharges: theory and simulation

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Poster	Submitting Author	Poster Session 2: Title of poster	Topic
112.	Sugawara, Hirotake	Monte Carlo analysis of the asymmetry in azimuthal electron flow in an inductively coupled plasma driven under confronting divergent magnetic fields	6. Plasma discharges: theory and simulation
113.	Ciobotaru, Catalina	The monochrome radiation emitted by Kr-H_2 gas mixture plasma in inductive magnetic field	6. Plasma discharges: theory and simulation
114.	Vialetto, Luca	Monte Carlo Flux simulation of electrons for plasma modelling	6. Plasma discharges: theory and simulation
115.	Su, Li-Wen	Two dimensional simulations of triode VHF SiH4 plasma using fluid model	6. Plasma discharges: theory and simulation
116.	Lazarou, Constantinos	Numerical modelling of the effect of water admixtures in a helium/air parallel plate dielectric barrier discharge	6. Plasma discharges: theory and simulation
117.	Hartmann, Peter	Ionization waves in the PK-4 direct current neon discharge	6. Plasma discharges: theory and simulation
118.	Martorelli, Roberto	1D fluid simulation of Hall Thruster with self-consistent anomalous electron transport	6. Plasma discharges: theory and simulation
119.	Moore, Chris	PIC-DSMC Simulations of Ultra-Fast Pin-to-Plane Discharge in Air	6. Plasma discharges: theory and simulation
120.	Babaeva, Natalia	Interaction of argon and helium plasma jets with surfaces	6. Plasma discharges: theory and simulation
121.	Gudmundsson, Jon Tomas	The influence of the electrode surfaces on the electron heating in capacitively coupled oxygen discharge	6. Plasma discharges: theory and simulation
122.			
123.	Lucken, Romain	Universal Instabilities in Low Temperature Plasma Discharges	6. Plasma discharges: theory and simulation
124.	Charoy, Thomas	Influence of the modelling of electron injection at the cathode in a 2D axial-azimuthal simulation of a stationary plasma thruster	6. Plasma discharges: theory and simulation
125.	Zhu, Yifei	Peculiarities of kinetics in pulsed nanosecond discharge at high and low specific deposited energy on the example of argon actinometry technique of O density measurements	6. Plasma discharges: theory and simulation
126.	Terraz, Loann	N2 influence on the vibrational distribution of the asymmetric level of CO2	6. Plasma discharges: theory and simulation

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127.	Regodón, Guillermo Fernando	PIC simulation of a collisional planar pre-sheath	6. Plasma discharges: theory and simulation
128.	Diomede, Paola	Fokker-Planck equation for chemical reactions in plasmas	6. Plasma discharges: theory and simulation
129.	Tereshonok, Dmitrii	Appearance of the cavitation in a dielectric liquid under the effect of electrostrictive forces	6. Plasma discharges: theory and simulation
130.	Kuhfeld, Jan	Impedance modelling for DF-plasmas where one of the frequencies is well below the ion plasma frequency	6. Plasma discharges: theory and simulation
131.	Hopkins, Matthew	High Fidelity 3D Simulations of Discharge in Helium/Nitrogen Including Photonic Effects	6. Plasma discharges: theory and simulation
132.	Akashi, Haruaki	Effect of electron desorption from dielectric surface on atmospheric pressure dielectric barrier discharge	6. Plasma discharges: theory and simulation
133.	Karim, Mohammad	Dynamic Characteristics of DBD Discharges Produced in the Aqueous Solution of NaCl	6. Plasma discharges: theory and simulation
134.	Tretiak, Krasymyr	A new high-order time-stepping algorithm to track fast ions in fusion reactors	6. Plasma discharges: theory and simulation
135.	Malagón-Romero, Alejandro	Space stem precursors and the attachment instability	6. Plasma discharges: theory and simulation
136.	Ferreira, Nuno	Stability of glow corona discharges and corona-to-streamer transition	6. Plasma discharges: theory and simulation
137.	Ferreira, Nuno	Modelling positive glow corona in high-pressure air	6. Plasma discharges: theory and simulation
138.	Pal, U N	Investigation of High Density Electron Beam Generation and Propagation from a Pseudospark Discharge Based Plasma Cathode	6. Plasma discharges: theory and simulation
139.	Shiratani, Masaharu	Density modulation of nanoparticles in amplitude modulated discharge plasmas	7. Self-organisation in plasmas, including dusty plasmas
140.	Valin, Sergei	Constricted gas discharge instability with respect to two-dimensional wave perturbations	7. Self-organisation in plasmas, including dusty plasmas
141.	Siasko, Aleksei	Dynamics of formation of positive column constriction in neon	7. Self-organisation in plasmas, including dusty plasmas
142.	Irimiciuc, Stefan Andrei	Experimental and theoretical investigations of the interaction between two complex space charge structures in hollow grid cathode discharge plasma	7. Self-organisation in plasmas, including dusty plasmas

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143.	Irimiciuc, Stefan Andrei	Transition to chaos by intermittency of multiple fireballs dynamics in low-temperature discharge plasma	7. Self-organisation in plasmas, including dusty plasmas
144.	Kodanova, Sandugash	The effect of magnetic field on charging processes of dust particles in gas discharge plasma	7. Self-organisation in plasmas, including dusty plasmas
145.	Longo, Savino	Charge Fluctuations of small Particle in a Plasma	7. Self-organisation in plasmas, including dusty plasmas
146.	Tanarro, Isabel	Carbonaceous dust and films generation in capacitively and inductively coupled RF discharges	7. Self-organisation in plasmas, including dusty plasmas
147.	Smith, Matthew	Dust Charging in Magnetised Complex Plasmas	7. Self-organisation in plasmas, including dusty plasmas
148.	Martin, Kyle	Cloud Formation surrounding Ablating Dust Grains in a Hot Magnetised Plasma	7. Self-organisation in plasmas, including dusty plasmas
149.	Chatain, Audrey	Evolution of dust in Titan's ionosphere: an experimental simulation monitored by IR transmission spectroscopy	8. Upper atmospheric plasmas and space plasmas
150.	Speirs, David	Two-dimensional Vlasov simulations of parametric wave decay and stochastic electron heating	8. Upper atmospheric plasmas and space plasmas
151.	Wilson, Alasdair	Ionisation balance in coupled MHD-Gas interaction simulations	8. Upper atmospheric plasmas and space plasmas
152.	Ohta, Takayuki	Growth promotion of radish sprouts treated by neutral oxygen radicals	8. Upper atmospheric plasmas and space plasmas
153.	Krcma, Frantisek	Formation of high molecular weight products by glow discharge in Titan like gaseous mixture at cryogenic temperatures	8. Upper atmospheric plasmas and space plasmas
154.	Ueda, Mario	High Temperature Plasma Immersion Ion Implantation (and Deposition) Using Hollow Cathode Discharges in Small Diameter Metal Tubes	9. Low pressure plasma sources
155.	Pat, Suat	Tungsten oxide thin film deposition by thermionic vacuum arc (TVA) discharge	9. Low pressure plasma sources
156.	Kais, Abderrahmane	2.45 GHz low-pressure plasma characterization using thermal and optical methods	9. Low pressure plasma sources
157.	Tanarro, Isabel	STARDUST: experimental station for generation, processing and diagnostics of nanoparticles of astrophysical interest	9. Low pressure plasma sources
158.	Antonov, Nikolay	Development of a model substances plasma source for spent nuclear fuel plasma separation	9. Low pressure plasma sources
159.	Kozak, Tomas	Gas rarefaction in high power impulse magnetron sputtering – comparison of a particle simulation and volume-averaged models	9. Low pressure plasma sources
160.	Fubiani, Gwenael	Modelling of Negative Ion Production and Extraction from a Magnetized Plasma Source	9. Low pressure plasma sources

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161.	Yin, Helen	Pseudospark plasma-sourced sheet electron beam for application in high power millimetre wave radiation generation	9. Low pressure plasma sources
162.	Ronald, Kevin	Development of an apparatus to study nonlinear microwave coupling in magnetised plasma	9. Low pressure plasma sources
163.	Doyle, Scott	Electron and ion dynamics in capacitively coupled radio-frequency plasmas with structured electrodes driven by tailored voltage waveforms	9. Low pressure plasma sources
164.	Rauner, David	RF power transfer and heating mechanism of low pressure H2/D2 ICPs	9. Low pressure plasma sources
165.	Vicente Gabás, Ignacio Gabriel	Optimization of the discharge compartment geometry of a toroidal electron beam source	9. Low pressure plasma sources
166.	Bowden, Mark	Plasma Breakdown between Wire Grid Electrodes	9. Low pressure plasma sources
167.	Bowden, Mark	Characterisation of Transparent Cathode Discharges	9. Low pressure plasma sources
168.	Irwin, Rachael	Characterisation of Atmospheric Pressure Plasmas	9. Low pressure plasma sources
169.	Ahr, Philipp	Novel efficient stochastic heating mechanism in periodically structured vortex fields for large-area discharges	9. Low pressure plasma sources
170.	Marić, Dragana	Detection of RF breakdown by balanced capacitive bridge	9. Low pressure plasma sources
171.	Malović, Gordana	Low-pressure DC discharges in vapours of alcohols	9. Low pressure plasma sources
172.	van Veldhoven, Jacqueline	Optimizing a low-energy plasma system towards low contamination for use in nanolithography material studies	9. Low pressure plasma sources
173.	Lamba, R. P.	Technological Advancement in High Power Plasma Switches Development at CSIR-CEERI, Pilani, India	9. Low pressure plasma sources
174.	Ashizuka, Naokazu	Dependence of plasma temperature and breakdown voltage on ambient medium temperature in high pressure CO2 including supercritical phase	10. High pressure plasma sources
175.	Kossyi, Igor	Excited by microwave beam discharge with advanced stages of ionization-overheating instability as a basis of plasmachemicalurban atmosphere cleaning reactor	10. High pressure plasma sources
176.	Invernizzi, Laurent	Characterization of He plasma jet in interaction with a liquid target by laser absorption spectrometry and optical emission spectroscopy	10. High pressure plasma sources
177.	Hamdan, Ahmad	Characterization of a microwave plasma jet in water	10. High pressure plasma sources
178.	Borzosekov, Valentin	Subthreshold discharge excited by a microwave beam as a basis of a plasma-chemical reactor for urban atmosphere cleaning from mercaptans	10. High pressure plasma sources
179.	Yagi, Hidetsugu	Analysis of carbon films by microwave-plasma assisted chemical vapour deposition in open-air system	10. High pressure plasma sources

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180.	Hofmans, Marlous	Electric field measurements in a plasma jet using Stark spectroscopy: the influence of targets	10. High pressure plasma sources
181.	Boothroyd, Joshua	Absolute atomic chlorine density measurements in the effluent of a radio-frequency atmospheric pressure plasma	10. High pressure plasma sources
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