

EPS 2019**Monday, 8 July 2019****LTPD - Aula U6-07, Building U6 (16:30 - 18:30)****-Conveners: A. Milella**

time	[id] title	presenter
16:30	[2888] I1.301 Effects of charge fluctuation on aerosol dynamics and thermal behavior of nanoparticles in dusty plasma	MICHAU, A.
17:00	[2889] I1.302 Strongly coupled plasma in refractory metals near the liquid-gas coexistence curve and critical point: first-principle study	LEVASHOV, P.R.
17:30	[2890] I1.303 Industrial applications of highly non-equilibrium low-pressure oxygen plasma	MOZETIČ, M.
18:00	[2891] I1.304 Influence of the atmospheric pressure plasma source configurations on the properties of treated liquid samples	ŠKORO, N.

Tuesday, 9 July 2019

LTPD - Aula U6-07, Building U6 (10:40 - 12:40)

-Conveners: M. Mozetič

time	[id] title	presenter
10:40	[2906] I2.301 In-flight plasma modification of nanoparticles produced by means of gas aggregation sources	KYLIÁN, O.
11:10	[2907] I2.302 Time dependent self-consistent electron energy distribution functions during nano-second repetitively discharges in reacting N ₂ /H ₂ mixtures	COLONNA, G.
11:40	[2979] O2.301 Ceramics' sheath probed using Laser Induced Fluorescence	PIGEON, V.
11:55	[2980] O2.302 Generic Properties of Plasma Sheath over Emissive Planar/Grooved Walls	SCHWEIGERT, I.
12:10	[2981] O2.303 Influence of the gas-flow on the thermodynamic equilibrium of atmospheric-pressure microwave plasmas	MUÑOZ ESPADERO, J.

Wednesday, 10 July 2019

LTPD - Aula U6-07, Building U6 (10:40 - 12:55)

-Conveners: C. Riccardi

time	[id] title	presenter
10:40	[2925] I3.301 Tuning a microwave plasma for the synthesis of few-layers graphene sheets from ethanol decomposition	RINCÓN, R.
11:10	[2926] I3.302 Creating green nanostructures and nanomaterials for advanced energy nanodevices	SAMUKAWA, S.
11:40	[2995] O3.301 The role of thermal effects in constriction of positive column in inert gases	SIASKO, A.
11:55	[2996] O3.302 Influence of molecular admixtures on filamentation in microwave plasma torch	SNIRER, M.
12:10	[2997] O3.303 Experimental observation of large 2D plasma crystals	NOSENKO, V.
12:25	[3719] O3.304 Plasma assisted synthesis of carbon nanowalls	JAGODAR, A.
12:40	[3720] O3.305 Real-time control of the CIII emission front using MANTIS	RAVENSBERGEN, T.

Thursday, 11 July 2019

LTPD - Aula U6-07, Building U6 (10:40 - 11:40)

-Conveners: E. Kovacevic

time	[id] title	presenter
10:40	[2942] I4.301 A diffusion approach to vibrational kinetics of molecules in plasma	LONGO, S.
11:10	[3024] O4.301 Theoretical backgrounds of the apokamp-type atmospheric plasma jet in the electro-negative gas medium	KOZHEVNIKOV, V.
11:25	[3025] O4.302 Theory of transport coefficients in Yukawa fluids (complex plasma)	KHRAPAK, S.A.

Friday, 12 July 2019

LTPD - Aula U6-07, Building U6 (10:40 - 12:40)

-Conveners: A. Michau

time	[id] title	presenter
10:40	[2958] I5.301 Atmospheric pressure helium plasma as a tool for interacting with cells and pathogens	MARTINES, E.
11:10	[2959] I5.302 Magnetic fields in dusty plasmas: pattern formation particle growth and other recent studies in the Magnetized Dusty Plasma Experiment	THOMAS, E.
11:40	[3041] O5.301 Dissipative factors effect on the efficiency of the plasma acceleration in electromagnetic accelerator of rail type	PONIAEV, S.
11:55	[3042] O5.302 Dynamics of the gas discharge sustained by the powerful radiation of 0.67 THz gyrotron	SIDOROV, A.
12:10	[3178] O5.303 Concentric double hollow grid cathode discharges	IONITA-SCHRITTWIESER, C.
12:25	[3044] O5.304 Energy bands selection in two-color temperature diagnostic in Z-pinch dynamic hohlraum of Julong-1	YI, Q.