

EPS 2019

Monday, 8 July 2019

BSAP - Aula U6-09, Building U6 (16:30 - 18:30)

-Conveners: D. Burgess

time	[id] title	presenter
16:30	[2892] I1.401 Beam generated Langmuir turbulence in plasmas with density fluctuations	KRAFFT, C.
17:00	[2893] I1.402 Efficient non-thermal particle acceleration mediated by the kink instability in jets	ALVES, E.
17:30	[2894] I1.403 Collisionless shock formation and particle acceleration in conditions relevant for NIF experiments.	GRASSI, A.
18:00	[2895] I1.404 Interacting magnetized plasma flows in pulsed-power driven experiments	SUTTLE, L.G.

Tuesday, 9 July 2019

BSAP - Aula U6-09, Building U6 (16:30 - 18:30)

-Conveners: S. Servidio

time	[id] title	presenter
16:30	[2916] I2.J801 Energetic Particle Scattering in Solar Flares	VILMER, N.
17:00	[2917] I2.J802 Thermal non-equilibrium in solar coronal loops: from coronal rain to long-period intensity pulsations	ANTOLIN, P.
17:30	[2918] I2.J803 3D anisotropy of turbulence in the solar wind	VERDINI, A.
18:00	[2983] O2.J801 A Laboratory Model for the Parker Spiral and Solar Wind	FOREST, C.
18:15	[2984] O2.J802 Determination of plasma physical properties across collisionless shocks driven by solar eruptions	BEMPORAD, A.

Wednesday, 10 July 2019

BSAP - Aula U6-09, Building U6 (10:40 - 12:55)

-Conveners: J. Egedal

time	[id] title	presenter
10:40	[2927] I3.401 Cherenkov radiation from the quantum vacuum	NOBLE, A.
11:10	[2928] I3.402 Phase-space cascade in turbulent plasmas: observations simulations and theory	SERVIDIO, S.
11:40	[2929] I3.403 Observation of nonlocal electron transport in Warm Dense Matter	FALK, K.
12:10	[3000] O3.401 Positron confinement exceeding 1s in a magnetic dipole trap	HORN-STANJA, J.
12:25	[3001] O3.402 Nonlinear wave-particle interaction in helix traveling-wave tubes using N-body simulations in time domain	MINENNA, D.F.
12:40	[3002] O3.403 Long-term nonlinear dynamics of electron-ion Weibel instability in laser plasmas and stellar winds	KOCHAROVSKY, V.V.

Thursday, 11 July 2019

BSAP: C. Fendt - Aula U6-09, Building U6 (10:40 - 11:40)

-Conveners: C. Fendt

time	[id] title	presenter
10:40	[2943] I4.401 Alfvénic fluctuations in the solar wind: nonlinearities and kinetic effects	TENERANI, A.
11:10	[2944] I4.402 High-realism gyrokinetic simulations for solar wind turbulence	TOLD, D.

BSAP - Aula U6-09, Building U6 (16:30 - 18:30)

-Conveners: K. Ferriere

time	[id] title	presenter
16:30	[2945] I4.403 Particle acceleration in relativistic magnetospheres	CERUTTI, B.
17:00	[2946] I4.404 Cosmic ray propagation in the Galaxy: the role of self-confinement	MORLINO, G.
17:30	[3026] O4.401 The Spectral Web of the super-Alfvénic rotational instability in accretion disks: an alternative to the MRI paradigm!	GOEDBLOED, H.
17:45	[3027] O4.402 On the influence of particle acceleration on the structure of low-Mach astrophysical shocks	VAN MARLE, A.
18:00	[3028] O4.403 Properties of Alfvén and magnetosonic modes in compressively driven turbulence	MAKWANA, K.
18:15	[3029] O4.404 Particle Transport Energisation and Loss in the Alfvénic Inner Magnetosphere	CHASTON, C.C.

Friday, 12 July 2019

BSAP - Aula U6-09, Building U6 (10:40 - 11:40)

-Conveners: D. Burgess

time	[id] title	presenter
10:40	[2960] I5.401 Magnetic reconnection in AGN disks and jets	KADOWAKI, L.H.
11:10	[3045] O5.401 Opportunities for plasma physics experiments on the new lunar orbiting manned international space station	BAMFORD, R.A.
11:25	[3046] O5.402 Linear and Nonlinear Physics of Tenuous Beam-Plasmas Instabilities	SHALABY, M.