

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

Tuesday 8 June 2021

TS-3 Plasma Physics Symposium (DPP) / Symposium de physique des plasmas (DPP) (10:30 - 18:05)

-Conveners: Lenaic Couedel

time	[id] title	presenter
10:40	[565] (I) Modelling laser plasma interaction for inertial confinement fusion experiments	DEBAYLE, Arnaud
11:05	[500] (I) X-ray production using relativistically intense laser pulses	HUSSEIN, Amina
11:30	[209] (G*) Generation of focused LWFA electron and gamma beams using a triplet quadrupole magnet system	Mr SENTHILKUMARAN, Vigneshvar
11:45	[40] Nonlinear development of absolute SRS in ignition-scale direct-drive coronal plasmas	Dr WANG, Qing
12:00	[57] Ray tracing analysis of stimulated Raman scattering in directly-driven inertial confinement fusion plasmas	HIRONAKA, Steven
12:15	Break	
12:30	[217] Spectrally accurate global-local gyrokinetic simulations of turbulence in tokamak plasmas	ST-ONGE, Denis
12:45	[205] (G*) Experimental Studies of the Improved Plasma Confinement on the STOR-M Tokamak	Mrs BSHARAT, Heba
13:00	[460] (G*) Stimulated Excitation of Thermal Waves in Magnetized Plasmas and Use in Thermal Conductivity Measurement	KARBASHEWSKI, Scott
13:15	[363] (I) Nonlinear and noise effects in simulations of Buneman instability	TAVASSOLI, Arash
13:40	Break	
13:50	[346] (I) Defect Engineering in Plasma-Treated Graphene Films	STAFFORD, Luc
14:15	[453] Boron substitutional doping of graphene by low- pressure diborane-argon plasma	VINCHON, Pierre
14:30	[286] (G*) P3I code: A new code for Plasma Immersion Ion Implantation modelling	YOUSAF, tahreem
14:45	[78] (G*) Time Resolved Characterization of a Plasma Immersion Ion Implantation System	MORENO, Joel
15:00	Break	
15:10	[228] (I) Plasma and dusty plasma pattern formation at high magnetic fields	THOMAS, Edward
15:35	[461] Mode-coupling instability of two-dimensional complex plasma crystals in asymmetric capacitively-coupled radio-frequency discharges	COUEDEL, Lenaic
15:50	[388] (G*) Application of kinetic and regression techniques to measurements made with fixed-bias needle Langmuir probes.	LIU, Guangdong
16:05	[18] (G*) Design and Characterization of a Dust Injector for STOR-M	NELSON, Nathan
16:20	[252] Beyond analytic inference techniques with multivariate regression	MARCHAND, Richard
16:35	[271] (G*) Multivariate Regression Approach in the Prediction of Side Wind Velocity Using Spherical Segmented Langmuir Probe Measurements	Mr OLOWOOKERE, Akinola

16:50	Break	
17:00	[120] (I) Flow-Through Z-Pinch Research at Fuse	Dr GOLINGO, Raymond
17:25	[475] (I) Global simulations of ion temperature gradient modes, from characteristic eigen-structures to turbulent transport	ZIELINSKI, Jeffery
17:50	[380] Turbulence and transport from multiple entangled electron temperature filaments in a magnetized plasma	SYDORA, Richard