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Joint ICTP-IAEA College on Plasma Physics | (smr 3239)

Tuesday 06 November 2018

- Kastler Lecture Hall (AGH) (09:00-17:30)

time	title	presenter
09:00	High energy density physics - Part 2	S. ROSE
10:00	Coffee break	
10:30	Why do we call it pressure? - Part 2	F. PEGORARO
11:30	Fluidistic description of space plasmas - Part 1	D. GÓMEZ
12:30	Lunch Break	
14:00	Ion dynamics in a magnetized source-collector sheath	S. ADHIKARI
14:15	Thermophysics of matter at high pressures and temperatures, including extreme	A. ALIVERDIEV
14:30	Chaotic behaviour of magnetic field lines	C. ANI
14:45	Effects of group velocity and multiplasmon resonances on the modulation of Langmuir waves in a degenerate plasma	D. CHATTERJEE
15:00	Propagation of Bernstein waves in relativistic and non-relativistic pair plasma	Z. EHSAN
15:15	Effect of ion temperature on dust particle behaviour in RF plasma sheath	M. EL KAOUNI
15:30	Coffee Break	
16:00	A Transverse separate-spin-evolution streaming instability	Z. IQBAL
16:15	Large scale structure formation in pulsar degenerate relativistic outer layer	I. JOKHADZE
16:30	Modeling and PIC simulation of non-Maxwellian laser-generated plasma evolution	A. KARGARIAN
16:45	Cyclotron effects on proton acceleration and beam collimation from overdense plasmas	D. KURI
17:00	Magnetized Bose-Einstein condensate stars	G. QUINTERO ANGULO
17:15	Generation of ultra-short and ultra-intense laser pulses by stimulated Brillouin scattering	U. VERMA