

Plasma 2014 - Poster / Oral Papers
COMPUTER MODELING FOR PLASMA (CM)

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1	2	Numerical study on second harmonic ion cyclotron resonance heating of low ion temperature plasma	Dr. CHATTOPADHYAY, Asim	CMP	Poster
2	9	Development of A 0-D code for the simulation of Runaway Electron production and energy dynamics in tokamaks	Mr. PANDYA, Santosh	CMP	Poster
3	29	Investigation Of Phase Equilibria And Critical Properties Of Strongly Coupled Pair Ion Plasmas	Dr. BARUAH, Swati	CMP	Poster
4	54	Simulation of exploding foil produced dense plasma and comparison with preliminary experimental results	Mr. MAJALEE, Aaditya Vasudev	CMP	Poster
5	122	MODELLING OF DISRUPTION FOR ITER USING TSC CODE	Mr. SINGH, Amit	CMP	Poster
6	143	Molecular Dynamics Simulation of Plasma Sheath	Mr. KUMAR, Sandeep	CMP	Poster
7	189	Effect of Ion-Neutral Collision on the Spatial Potential of a Dust Grain	Mr. MOULICK, Rakesh	CMP	Poster
8	204	CATALYST ASSISTED GROWTH OF CARBON NANOTUBE THROUGH PLASMA ROUTE	Ms. TEWARI, Aarti	CMP	Poster
9	208	Avoiding Disruptions and Runaways in ITER	Dr. BANDYOPADHYAY, Indranil	CMP	Poster
10	320	Excitation Of Terahertz Surface Plasmons in a Semiconducting Guiding System by a Density Modulated Electron Beam	Ms. MALIK, Pratibha	CMP	Poster
11	351	GUIDING CENTER TRAJECTORY OF ELECTRON PLASMA CLOUD USING CAPACITIVE PROBE DIAGNOSTICS IN SMARTEX-C	Mr. LACHHVANI, Lavkesh	CMP	Poster
12	484	PIC SIMULATIONS OF PSEUDOSPARK DISCHARGE BASED PLASMA CATHODE ELECTRON (PCE) GUN	Mr. JADON, Arvind	CMP	Poster

1	101	Fate of an electron plasma subjected to ion resonance instability: A numerical study at arbitrary aspect ratio	Mr. SENGUPTA, Meghraj	CMP	Oral
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