

18th International Conference on Ion Sources

Monday, 2 September 2019

Fundamental processes in ion sources, plasma (11:20 - 12:20)

time	[id] title	presenter
11:20	[3] Estimating ion confinement times from beam current transients in conventional and charge breeder ECRIS	MARTTINEN , Miha
11:40	[4] Effects of magnetic configuration on hot electrons in SECRAI-II plasma	LI , Jibo
12:00	[5] Evaluation method of plasma instability in laser ion source using solenoid	KARINO , Takahiro

Fundamental processes in ion sources, plasma (14:00 - 15:20)

time	[id] title	presenter
14:00	[8] Multi-diagnostics setup as a tool to overcome the limits of compact ion sources	CELONA , Luigi
14:20	[6] Measurements and simulations of the energy distribution of electrons lost from the minimum B-field	IZOTOV, Ivan
14:50	[7] Self-consistent modeling of beam-plasma interaction in the charge breeding optimization process	GALATÀ , Alessio

Fundamental processes in ion sources, plasma (15:40 - 16:20)

time	[id] title	presenter
15:40	[10] Upper hybrid resonance heating experiments on Electron Cyclotron Resonance ion source	KATO , Yushi
16:00	[11] Measurement of the energy distribution of electrons escaping confinement from an Electron Cyclotron Resonance ion source	ISHERWOOD , Bryan

Wednesday, 4 September 2019

Fundamental processes in ion sources, plasma (09:30 - 09:50)

time	[id] title	presenter
09:30	[29] Particle-in-cell simulation of transport and energy deposition of intense proton beams in solid-density material	WU, Dong