

Invited and Orals		Friday
I5.010	A. Spitkovsky	Particle acceleration and magnetic field generation in astrophysical plasmas
I5.011	J. Povesle	Low temperature plasmas for medical applications with a special focus on cancer treatment
I5.012	Y. Peysson	Advances in Modeling of Lower Hybrid Current Drive
I5.013	G. Dattoli	Free Electron Coherent Radiation Sources from X-rays to microwaves: fundamental physics and fusion application
I5.119	B. Wan	Efforts to achieve high-performance long-pulse operations in EAST
I5.120	N. Bakharev	Globus-M plasma physics research for fusion application and compact neutron source development
I5.213	A. Sgattoni	High field plasmonics and laser-plasma acceleration in solid targets
I5.214	C. Brenner	Laser-driven proton acceleration for applications: from medicine to manufacturing
I5.215	O. Meshkov	Optical diagnostics for plasma physics and accelerator science: commonality and differences
I5.311	I. Pilch	On the Growth of Nanoparticles through collection of ions
I5.312	S. Khrapak	Thermodynamics of Yukawa fluids and sound velocity in dusty plasmas
I5.J201	S. Benkadda	Nonlinear Generation of Seed Islands through Multiscale Interaction between Small-Scale Turbulence and Mesoscale Magnetic Islands in Plasmas
I5.J202	P. Browning	Two fluid and MHD modelling of magnetic reconnection in the MAST spherical tokamak and the solar corona
I5.J203	A. Gurchenko	The isotope effect in turbulent transport control by GAMs. Observations and gyrokinetic modelling.
I5.J204	I. Furno	Non-diffusive transport of suprathermal ions by intermittent turbulent structures
O5.137	J. Kwak	KSTAR experimental results toward solving burning plasma issues
O5.138	C. Petty	High-beta steady-state scenarios in DIII-D with on-axis current drive
O5.139	H. Bufferand	Preparing WEST tungsten divertor operation
O5.140	P. Bagryansky	ECR plasma heating experiment in the GDT magnetic mirror
O5.222	J. Vieira	Generation and amplification of Petawatt-class exotic light with orbital angular momentum in plasmas
O5.223	K. Mima	Ultra intense laser driven collision-less shock and ion acceleration
O5.224	T. Grismayer	PIC-QED simulations of absorption of ultra-intense intense laser pulse in self-generated pair plasma
O5.309	M. Pustyl'nik	Plasmakristall(PK)-4 experiment: first results from the International Space Station
O5.310	A. Abrikosov	Time-resolved measurements of ion energy distribution function in cold low-density plasma induced by nanosecond pulses of extreme ultraviolet radiation
O5.311	S. Ali	Potential distributions around test charge particles in a dusty plasma
O5.312	V. Nosenko	Interaction of single-layer plasma crystals with upstream charged particles

