

Invited and Orals		Tuesday
I2.004	Y. Omura	Generation mechanism of whistler-mode chorus emissions
I2.005	V. Tikhonchuk	Physics of Laser-Plasma Interaction and Shock Ignition of Fusion Reactions
I2.104	I. Chapman	Understanding and utilising the control of ELMs in JET
I2.105	S. Pamela	Nonlinear MHD simulations of ELMs in JET and quantitative comparisons to experiments.
I2.106	S. Mordijck	The effects of 3D fields on turbulence in DIII-D
I2.107	R. Panek	Current status of the COMPASS tokamak and recent results of edge plasma studies
I2.108	F. Parra	Predictive model for intrinsic rotation in tokamaks
I2.109	J. Proll	Microturbulence simulations in optimised stellarators
I2.110	M. Schneller	Nonlinear Energetic Particle Transport in the Presence of Multiple Alfvénic Waves in ITER
I2.204	S. Weber	The role of plasma temperature and energy deposition location for shock ignition
I2.205	M. Rosen	The efforts towards ignition at NIF: An overview
I2.206	S. Hansen	Progress in Magnetized Liner Inertial Fusion (MagLIF)
I2.305	K. Weltmann	Plasma Medicine - state and perspectives
I2.306	M. Hori	Toward plasma cancer therapy: Interactions among plasmas, Liquids and cells
I2.405	H. Park	Laboratory astrophysical collisionless shock experiments and observation of Weibel instabilities on Omega and NIF
I2.406	B. Gianfranco	Plasma turbulence in galaxy clusters and its effect on the acceleration and transport of relativistic particles
I2.J101	Y. Raitses	Coherent Plasma Structures in Crossed-Field Discharge Devices
I2.J102	V. Yaroshenko	Dusty plasma of the Enceladus plume
O2.103	M. Rack	Influence of resonant magnetic perturbations on transient heat load deposition - a short review
O2.104	J. Loizu	Scrape-off layer turbulence and flows in different limiter configurations
O2.105	J. Horacek	Multi-machine scaling of main SOL parallel heat flux width in tokamak limiter plasmas
O2.106	D. Carralero	Towards a general scaling of the Scrape-off Layer density width
O2.107	K. McClements	Electron kinetics inferred from observations of microwave bursts during edge localised modes in the Mega Amp Spherical Tokamak
O2.108	V. Rozhansky	Stochastization and pump-out in edge plasma caused by edge localized modes
O2.109	M. Dunne	Impact of nitrogen seeding on the AUG pedestal: experiments and modelling
O2.110	C. Theiler	Poloidal asymmetries in edge pedestals on Alcator C-Mod
O2.111	J. Girardo	Parametric decay of an EGAM into ITG modes
O2.112	P. Mantica	Progress in understanding W control using ICRH in the JET-ILW

		tokamak
O2.203	S. Glazyrin	Structure of shock wave due to separation of the ion species in multi-ion plasma
O2.204	P. Amendt	An ideal hohlraum ignition platform using double-shell targets
O2.205	Y. Maheut	Experiment on the propagation of a shock wave in planar and spherical geometry with a plasma corona
O2.206	F. Perez	Laser-driven heat-front propagation in Cu-doped foams
O2.207	S. Chen	Experimental Studies of Proton Stopping Power in Dense Gas Plasmas
O2.208	M. Murakami	Fast heating of solid to temperatures beyond 5 keV with isolated mass-limited target
O2.209	A. Alejo	Generation of fast neutrons by radiation pressure driven deuterium ions
O2.401	P. Catto	Three-dimensional magnetized and rotating hot plasma equilibrium and stability in a gravitational field
O2.402	J. Kirk	Cosmic-ray acceleration at perpendicular shocks
O2.403	M. Faganello	Kelvin-Helmholtz vortices and double mid-latitude reconnection at the flanks of the Earth's magnetosphere: satellite observations and numerical simulations
O2.404	Y. Gu	Magnetic reconnection induced by relativistic laser-plasma interaction
O2.J101	M. Bonitz	Ab initio thermodynamic results for degenerate electrons in warm dense matter
O2.J102	I. Hutchinson	Electron-hole instabilities in cross-field plasma wakes
O2.J103	B. Zelener	Efficient Excitation and Detection of Rydberg States in Ultracold Lithium-7 Atoms
O2.J104	G. Maero	Measurement and resonant control of modulated diocotron modes in RF-excited trapped plasmas