

Pentland		Sidlaw		Fintry		Moorfoot		Tinto		Cromdale		Kilsyth	
09:00	MCF: High beta / beta-pol	MCF: Transport & high confinement regime		BPIF: Coronal plasma and laser-plasma instabilities		BSAP : Astrophysical plasmas & Laboratory Astrophysics		LTDP: Plasma processing and applications II					
	Chair: A. Cappa	Chair: C. Maggi		Chair: M. Khan		Chair: T. Nagayama		Chair: A. Borras					
	09:00 I.401 D. Kennedy: The transport challenge for fusion power plants at high β_p	09:00 I.402 R. López-Cansino: Effect of internal magnetic islands on confinement and transport in Wendelstein 7-X plasmas		09:00 I.405 A. Milder: Novel measurements of plasma conditions with a high bandwidth ultraviolet laser using cross-beam energy transfer		09:00 I.403 J. Halliday: A Laboratory Analogue of Cosmic Ray Interactions in Magnetised Plasma		09:00 I.408 K. Sgonina: Multiscaled Aeromaterial Reactor for Plasma Catalysis					
	09:25 O.401 FP. Orsitto: Overview of High beta experiments on JET in preparation of JT60SA	09:25 I.511 M. Nishiura: Bifurcated states of particle transport driven by regulatory energetic ions in LHD plasmas		09:25 I.406 N. Lemos: Quantifying inner beam Cross Beam Energy Transfer in a Hohlraum like platform at the National Ignition Facility		09:25 I.404 M. Zhou: Genesis, amplification, and decay of cosmic magnetic fields		09:25 I.409 L. Scarlett: Comprehensive data set of cross sections for molecular hydrogen and its application in fusion and low temperature plasmas					
	09:40 O.402 XZ. Gong: Development of High- β_p Scenarios towards High-Q on EAST in Support of ITER Steady state Operation	09:50 O.404 L. Édes: Impact of edge cooling on current profile evolution and resistive wall tearing stability in JET		09:50 O.412 E. Hume: Measurements of LPI growth in smoothed and unsmoothed beam interactions of relevance to direct drive ICF		09:50 O.409 M. Tabary: The Interplay Between the Bell and Firehose Instabilities		09:50 O.418 R. Dange: Bridging plasma microphysics to macroscopic ammonia synthesis with machine learning					
	09:55 O.403 L. Garzotti: Integrated core-SOL simulations of H-mode access in ITER SRO scenarios	10:05 O.405 G. Huijsmans: Gyrokinetic electrostatic ITG-TEM simulation of H-mode plasmas in COMPASS-like geometry		10:05 O.413 V. Tikhonchuk: Stimulated scattering of a spectrally broadened laser beam in inhomogeneous plasma		10:05 O.410 T. Seebaruth: Experimental Investigation and Numerical Multi-scale Modelling of Weakly Collisional Shocks		10:05 O.419 R. Fiorotto: Control the intensity of the induced flow in a liquid by a dual-frequency APPJs					
	10:10 O.408 T. Wilks: Record H-mode pedestal pressure in high triangularity, high elongation discharges leveraging the new “Shape and Volume Rise” divertor on DIII-D	10:20 O.406 V.K. Zotta: Core-edge-SOL modelling of density and fuel mix control in JET high current and high-performance baseline plasmas in D, T and D-T		10:20 O.414 G. Bouchard: Mitigation of Stimulated Raman Scattering and Stimulated Brillouin Scattering in kinetic regime using Smoothed Broadband Laser		10:20 O.411 T Vincent: Experimental characterisation of suppressed thermal conduction in weakly collisional, magnetised plasma							
		10:35 O.407 K. Kirov: Particle transport modelling for D/T ratio control experiments in JET		10:35 O.415 L. Gremillet: A unified description of spatiotemporal ultrarelativistic beam-plasma instabilities under the quasistatic approximation									
10:50												Coffee Break	
11:20	Plenary Talks - Chair: A. Maffini												
	11:20 I.410 J. Palastro - Laser-plasma interactions driven by flying-focus pulses												
	11:55 I.411 G. Zheng - Ultrarelativistic radiative spin-polarized plasmas												
	12:30 I.412 T. Kluge - Seeing the Invisible: A decade of small angle x-ray scattering diagnostics at XFELs for high-intensity-laser plasmas												
13:10	Lunch break						Lunch Event: Vision for Fusion: Inertial Fusion Energy - Future Prospects		Lunch break				
14:40									Poster session				
									P3.1XXX		P3.2XXX		
									MCF03 Energetic Particles and MHD		BPIF03 Laser and Particle Beam Interaction with Plasmas, Hydrodynamics and Instabilities		
									MCF04 Plasma Control		BPIF05 Ultra-high Intensity Laser-matter Interaction and High Field Physics		
									MCF08 Sellarator Physics and Optimization MCF09 Disruptions and Runaway Electrons MCF10 Power Plant Design MCF11 other		P3.3XXX BSAP02 Astrophysical Plasmas BSAP03 Laboratory Astrophysics		
											P3.4XXX LTDP05 Plasma Processing and Applications		
												Coffee Break	
16:00	Plenary Talks - Chair R. Lorenzini												
	16:30 I.413 C. Angioni - Tungsten in tokamaks, how one of the elements producing largest radiation losses can be compatible with a nuclear fusion plasma												
	17:05 I.414 Tribute to Prof F Romanelli												
	17:15 I.416 Tribute to Prof B Taylor FRS												
	17:25 I.415 O. Sauter - Negative triangularity plasma shapes: how bad ideal MHD properties can lead to excellent perspectives for a fusion power plant												