

	Pentland	Sidlaw	Fintry	Moorfoot	Tinto	Cromdale
09:00	MCF - stellarators: status and future			BSAP : Solar, Space and Astrophysical Plasmas	BPIF: Plasma Physics at XFEL facilities	
	Chair: X. Litaudon			Chair: F. Rieger	Chair: T. Kluge	
09:00	I.503 H. Yamada: Achievements in LHD Project and Development to Post-LHD Project			09:00 I.508 A. Larosa: Phase-Space Turbulence in Space and Fusion Plasmas	09:00 O.504 N. Hartley: The Role of High-Power X-ray Pulses in Pursuing Inertial Fusion Energy	
09:30	I.502 R. Wolf: Progress and plans of the Wendelstein 7-X project and its role in developing the stellarator concept			09:25 I.514 H. Terças: Axions in plasmas: from the lab to astrophysics	09:15 O.505 T. Tschentscher: A new instrument for fusion research at the European XFEL	
10:00	I:501 B. Geiger: Overview and recent results of the Helically Symmetric eXperiment (HSX) stellarator			09:50 O.502 M. Tamburini: Counterpart-induced millisecond-scale truncation mechanism of fast radio bursts	09:30 O.507 B. Fisher: X-ray phase contrast Imaging of propagating shocks within TMPTA using the SACLA x-ray free electron laser	
					O.508 L. Ansia Fernández: Reexamination of collisional ionization cross sections including double ionization processes	
					O.509 A. Matheron: Measuring vacuum birefringence using the dark-field concept at the European XFEL	
10:40	Plenary Talks - Chair: B. Geiger					
	I.506 K. Aleynikova - Kinetic ballooning modes in high-beta stellarators: theory and experiment					
11:15						Coffee Break
	MCF: Turbulence, Edge and Pedestal Physics	BPIF: Plasma-based acceleration	MCF: Disruption Physics	LTDP: Dusty Plasmas		
	Chair: C. Silva	Chair: M. Salvadori	Chair: S. Newton	Chair: A. Gibson		
11:45	O.605 F. Orlicchio: Turbulence characterization from density fluctuations velocity in fusion plasma using Doppler Backscattering diagnostic	11:45 I.510 D. Gorlova: Electron spin dynamics and spin polarisation preservation in direct laser acceleration (DLA)	11:45 I.507 U. Sheikh: The Physics and Operational Limits of Runaway Electron Mitigation: Multi-Machine Validation for ITER	11:45 O.517 A. Melzer: Characterizing the dynamics of dust clouds in dusty plasmas under weightlessness		
12:00	O.604 L. Casali: The effect of the Isotope Mass on Divertor Detachment and Pedestal Performance	12:10 O.514 A. Golovanov: First electron acceleration from a tunable-velocity laser wakefield	12:10 O.510 S. Jachmich: Demonstration of shattered pellet injection schemes at ASDEX Upgrade for disruption mitigation in ITER	12:00 O.518 R. Peelen: Charging dynamics of single and clustered microparticles in spatiotemporal afterglow plasmas		
		12:25 O.515 B. Lei: High-intensity laser-driven surface plasmon for coherent synchrotron radiation and TV/m-level plasma wakefield acceleration	12:25 O.511 L. Puel: 3D hot tail runaway electron generation modelling with JOREK: validation and predictions for ITER	12:15 O.519 C. Knappek: COMPACT: the future facility for complex (dusty) plasma research in space		
		12:40 O.516 P. Canel: Dark-Field Shadowgraphy: An Ultra-Sensitive Diagnostic for Probing Plasma-Based Particle Accelerators	12:40 O.512 J. Hu: Disruption mitigation in EAST with metal walls: a comparative study of shattered pellet injection and massive gas injection	12:30 O.520 G. Klaassen: Confined microparticle displacement caused by electrode-photon interaction		
13:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
14:00	MCF: Energetic Particles	MCF: Operation with Tungsten	BPIF: Burning plasma and transport	BPIF: High Field and QED	BSAP : Laboratory Fundamental Plasma Physics and Astrophysics	
	Chair : D. Zarzoso	Chair: C Angioni	Chair: F.G. Rimini	Chair: S. Corde	Chair: J. Stawarz	
14:00	O.521 J. van Vuuren: Energetic Particle Physics and Control in the TCV Tokamak: From Alfvén Eigenmodes to Ion Cyclotron Emission	14:00 I.512 I. Carvalho: The ITER Research Plan and its Operational Scenarios	14:00 I.516 S. O'Neill: Kinetic effects on heat transport in direct-drive ICF simulations	14:00 O.529 B. Barbosa: Control of nonlinear Breit-Wheeler positrons created in multi-PW strong field QED showers	14:00 O.526 E. Los: Extreme Astrophysics with Laboratory electron-positron jets	
14:15	O.522 L. Schmitz: Zonal Flows driven by Toroidicity-induced Alfvén Eigenmodes, mitigating core turbulence in DIII-D	14:25 O.524 P. Maget: Tungsten dust ingress in WEST: an integrated modelling approach	14:25 I.212 M. Khan: The shock-augmented ignition route to high gain inertial fusion energy	14:15 O.530 C. Arran: Optimising non-linear Breit-Wheeler pair production in simulated laser experiments	14:15 O.528 V. Stergiou: Permanent magnet-based focusing setup for MeV/c electron-positron pair beams	
14:30	O.523 G. Brochard: Verification and validation of AE dynamics with realistic energetic particle distributions in DIII-D plasmas	14:40 O.525 C. Olde: Core tungsten transport of internal transport barrier scenarios in JET with Be/W wall		14:30 O.531 P. Gellersen: Experimental measurement of strong-field QED effects at the ZEUS facility	14:30 O.527 M. Abler: First laboratory observations of residual energy generation in strong Alfvén wave interactions	
		14:55 I.513 D. Fajardo (PhD prize): Theory-based integrated modelling of impurity transport in tokamaks				
15:30						Coffee Break
16:00	Closing Ceremony					