

PaperNo	Speaker	Institution	Title
I-01	W. Stacey	Georgia Tech	Theory of Non-Diffusive and No-Axisymmetric Transport in the Edge Pedestal of Tokamaks
O-01	K. Itoh	NIFS	On the origin of steep radial electric field in the transport barrier at plasma edge
O-02	C. Baudoin	CEA Cadarache	On the effect of electron temperature fluctuations on edge heat and particle turbulent transport
O-03	I. Joseph	LLNL	Efficient Connection of Collisionless Landau Fluid to Collisional Braginskii Fluid Plasma Physics Models
I-02	B. Scott	Max-Planck-IPP	Gyrokinetic Theory and Dynamics of the Tokamak Edge
O-04	P. Tamain	CEA Cadarache	Interplay between plasma turbulence and particle injection in 3D global turbulence simulations
O-05	R. Futtersack	CEA Cadarache	First principle modelling of the interplay between Langmuir probes and edge plasma turbulence
O-06	R. Cohen	CompX	Plasma edge simulation with the continuum kinetic code COGENT
I-03	G. Kawamura	NIFS	Three-dimensional transport analysis of plasma, neutrals and impurities in LHD peripheral regions with impurity gas-puff
O-07	V. Rozhansky	St. Petersburg SPU	Modeling of ITER edge plasma in the presence of resonant magnetic perturbations
O-08	Y. Marandet	Aix-Marseille U	Effect of statistical noise on coupled plasma fluid – Monte Carlo kinetic neutrals simulations: investigation based on artificial noise
I-04	J. Cheng	SWIP	Roles of turbulence and pressure gradient driven flows in triggering the L-I-H transitions on HL-2A tokamak
O-09	L. Chôné	Aix-Marseille U	Transport barrier formation in edge turbulence simulation with neoclassical poloidal flow damping
O-10	A. Kukushkin	Kurchatov Institute	Role of “momentum removal” in divertor detachment
I-05	H. Bufferand	Aix-Marseille U	Self-consistent transport in SOLEDGE2D edge plasma modeling
O-11	G. Telesca (to be presented by R. Zagorski)	Ghent University	Core-SOL modelling of neon seeded JET discharges with the ITER-like wall
I-06	R. Doerner	UCSD	Outstanding issues in plasma-surface interaction research
O-12	A. Kirschner	Forschungszentrum Jülich	Modelling of impurity transport and plasma-wall interaction in fusion devices with the ERO code: basics of the code and examples of application
O-13	S. Wiesen	Forschungszentrum Juelich	Effect of PFC recycling conditions on JET pedestal density dynamics
O-14	H. Ohtani	NIFS	Visualization of dust particle data with plasma simulation results by virtual-reality system