

Invited Talks, Varenna-Lausanne 2006

Speaker	Country	Title
Daniele Bonfiglio	Padua, Italy	Electrostatic dynamo in Reversed Field Pinch plasmas: simple common fundamental nature of laminar and turbulent regimes
Boris Breizman	Austin, USA	Fast particle interactions with waves in fusion plasmas
Alan Turnbull	San Diego, USA	Monte-Carlo Simulation of High Harmonic Fast Wave Heating of Neutral Beam Ions and Effects on MHD Stability: Validation With Experiments
Ian Chapman	Culham, UK	Modelling the Effect of Toroidal Plasma Rotation on MHD Instabilities in MAST
Tilman Dannert	Garching, Germany	Interaction of fast particles with turbulence
Remi Dumont	Cadarache, France	Hamiltonian description of low frequency waves propagation and absorption in magnetically confined plasmas
Daniela Farina	Milan, Italy	Quasi-optical Propagation of a EC Gaussian Beam, Absorption and Current Drive in Tokamaks
Chris Gimblett	Culham, UK	Peeling mode relaxation ELM model
Virginie Grandgirard	Cadarache, France	Dimensionless scaling laws of confinement in fusion plasmas with the 5D non-linear Gyrokinetic Semi-Lagrangian code GYSELA
Özgür Gürçan	San Diego, USA	Spatial and spectral dynamics of turbulence spectra
Sébastien Jolliet	Lausanne, Switzerland	Ion and electron dynamics in nonlinear PIC simulations
Ralf Kleiber	Greifswald, Germany	ITG in LHD
Philip Lauber	Garching, Germany	Kinetic effects on TAEs
H. Miura	Sokendaj, Japan	Nonlinear MHD phenomena in LHD
D. Kh. Morozov	Moscow, Russia	Radiative plasmas at the edge and their basic properties
Stefan Mueller	Lausanne, Switzerland	Fluctuations, turbulence and transport in the TORPEX device
Francisco Ogando	Helsinki, Finland	Advanced methods in global gyrokinetic full f particle simulation of tokamak transport
Vassili Parail	Culham, UK	Theory and simulation of ELMs suppression by magnetic ripples and/or by external stochastic magnetic fields
Scott Parker	Boulder, USA	Fine Scale Zonal Flow Suppression of Electron Temperature Gradient Turbulence
Jesus Ramos	Cambridge, USA	Extended MHD effects in the modeling of tokamak plasmas
Paulo Rodrigues	Lisbon, Portugal	Tokamak equilibria with toroidal current reversal: properties and computational issues
Alexander Saveliev	St-Petersburgh, Russia	Electron Bernstein waves in spherical torus plasmas
Andre Simakov	Los Alamos National Laboratory, USA	What are the limitations of Braginskii's fluid equations and Hazeltine's drift kinetic equation
Gregorio Vlad	Frascati, Italy	Interaction of fast particles and Alfvén modes in burning plasmas
Tomohiko Watanabe	Toki, Japan	Anomalous transport