Satellite Meetings

Akira Hasegawa 90 years old memorial symposium

AK-1-I1 Liu Chen	University of California, Irvine	Physics of kinetic Alfvén waves : History and Progress
AK-1-I2 Fulvio Zonca	ENEA	The role of kinetic Alfvén waves in burning plasma self-organization
AK-1-I3 Troy Carter	ORNL	Overview of Alfven wave research using the Large Plasma Device
AK-1-I4 Zensho Yoshida	University of Tokyo	Thermal equilibrium in a dipole magnetic field --entropy on a leaf of phase space
AK-1-I5 Alex Simpson	OpenStar Technologies	Tahi: Dipole confinement of fusion-relevant plasmas
AK-2-I1 Zhihong Lin	University of California, Irvine	Zonal flows: from Hasegawa-Mima equation to gyrokinetic simulation
AK-2-I2 Michio Yamada	Kyoto University	Hasegawa-Mima equations and Rossby waves in Geophysical Fluids
AK-2-I3 Jan Weiland	Lehigh Univ.	Nonlinearities in magnetic confinement, ionospheric physics and population explosion leading to profile resiliense
AK-2-I4 Katsunobu Nishihara	Osaka University	The dawn of plasma computer simulation and 60 years of memories with Professor Hasegawa
AK-2-I5 Akihiro Maruta	The University of Osaka	Optical Solitons and Eigenvalue Communications

Mini Symposium : Advancements in hydrogen boron fusion

PB-1-I1 Takashi Mutoh	Chubu U.	supra-thermal ion tail experiment on LHD
PB-1-I2 Yueng-Kay Martin Peng	ENN Science and Technology Development Corp., Ltd.	EXL-50U Experiments, Addressing Key Physics Issues for Future Spherical Torus Proton-Boron Reactors
PB-1-I3 KUNIHIRO OGAWA	National Institute for Fusion Science	Demonstration of aneutronic p-11B reaction in a magnetic confinement device
PB-1-I4 Bing Liu	ENN	EXL-50U p-boron supra-thermal heating and reaction rate
PB-1-I5 Yangchun Liu	Zhejiang Univ.	supra-thermal ion heating modeling
PB-2-I1 Yongtau Zhao	Xi'an Jiaotong Univ.	Proton-boron nuclear reaction in plasma initiated by laser-accelerated protons
PB-2-I2 Dimitri Batani	Université de Bordeaux	status of laser-driven proton boron experiments
PB-2-I3 Tieshuan Fan	Peking University	status of research on cross-section measurements
PB-2-I4 Sergey Pikuz	HB11	Energy Techno-economical model and laser requirements for laser fusion with advanced fuels
PB-2-I5 Dong Wu	Shanghai Jiaotong Univ.	advanced simulation of p-boron plasmas
PB-2-I6 Jieru Ren	Xi'an Jiaotong Univ.	electron generation through laser interaction with NCD plasma

Mini Symposium: Physics of matter and hydro processes in high energy density plasmas

HEDP-I1 Snezhana Abarzhi	The University of Western Australia (AU), California Institute of Technology (US)	Instabilities in fusion plasmas: Interface dynamics and flow fields structure
HEDP-I2 Hiroshi Azechi	Osaka University	On kinematic viscosity, scaling laws and spectral shapes in Rayleigh-Taylor mixing plasma experiments
HEDP-I3 Bruno Coppi	Massachusetts Institute of Technology (US)	In situ magnetic field generation and plasma structures as constituents of astrophysical jets
HEDP-I4 Yasuhide Fukumoto	Kyushu University	Nambu Bracket, isomagnetovortical perturbations and wave energy for compressible baroclinic magneto-hydrodynamics
HEDP-I5 Chihiro Matsuoka	Osaka Metropolitan University	A rotation-free vortex solution in special and general relativistic hydrodynamics
HEDP-I6 Takayoshi Sano	Institute for Laser Engineering, Osaka University	Richtmyer-Meshkov instability in magnetized laser plasmas
HEDP-I7 Ryunosuke Takizawa	Institute for Laser Engineering, Osaka University	Experimental Investigation of Fast Ignition Toward High-Efficiency Ignition
HEDP-I8 Sergei Zybin	California Institute of Technology	Combined Richtmyer-Meshkov and Kelvin-Helmholtz instabilities under converging shock in cylindrical geometry