

List of Invited Reports for Alushta-2012 International Conference on Plasma Physics and Controlled Fusion and Adjoint Workshop "Nano- and Micro- Sized Structures in Plasmas" (September 17-22, 2012, Alushta, Crimea, Ukraine)

#	Speaker	Organization, Country	Title
1.	B. Bazylev	Karlsruhe Institute of Technology, Germany	Modelling of Material Damage and High Energy Impacts on Tokamak PFCs during Transient Loads
2.	A. Beklemishev	Budker Institute of Nuclear Physics, Novosibirsk, Russia	Magnetic mirrors: history, results and future prospects
3.	J. Berndt	GREMI Université d'Orléans, France	The formation of nanoparticles and nanocomposites in reactive plasmas
4.	V. Chechkin,	IPP NSC KIPT, Kharkov, Ukraine	RF discharge dynamics with transiting L- and H-like mode states in the Uragan-3M torsatron
5.	S. Dudin	V.N. Karazin Kharkiv National University. Ukraine	Physics and design of wide-aperture bipolar particle sources
6.	A. Goncharov	IF, Kiev, Ukraine	Plasmadynamical devices new generation: review of fundamental results and applications
7.	T. Ido	NIFS, Japan	Characteristics of energetic-particle driven GAM in the Large Helical Device
8.	H. Kersten	Christian-Albrechts-Universität Kiel, Germany	On the use of dust particles as micro-probes in process plasmas
9.	Ya. Kolesnichenko	Institute for Nuclear Research, Kiev, Ukraine	Geodesic Acoustic Mode and Alfvén Eigenmodes in tokamaks with high $q^2\beta$
10.	H. Kotaki	JAEA, Japan	Laser-plasma accelerator development
11.	V. Krauz	NRC «Kurchatov Institute», Moscow, Russia	Recent results of studies of magnetic field distribution and neutron scaling in PF-1000 and PF-3 facilities
12.	Th. Loewenhoff	Forschungszentrum Juelich, Germany	Response of ITER divertor materials to transient thermal loads
13.	N. Marushchenko	Max-Planck-Institut für Plasmaphysik, Greifswald, Germany	Advanced models for electron cyclotron current drive
14.	S. Popel	Institute for Dynamics of Geospheres RAS, Moscow, Russia	Dust ion-acoustic nonlinear wave structures under conditions of near-Earth and laboratory plasmas
15.	M.J. Sadowski	National Centre for Nuclear Research, Poland	Progress in high-temperature plasma research at NCBJ (former IPJ) in Poland
16.	I. Stefanovic	Ruhr-University Bochum, Germany	Fabrication of nanopowders in RF plasmas: diagnostics and modeling
17.	F. Tabares	CIEMAT, Madrid, Spain	First Studies of Isotope Interchange on Lithium in TJ-II
18.	Yu. Tyshetskiy	University of Sydney, Australia	Unusual physics of quantum plasmas
19.	A. Zagorodny	BITP, NAS, Kiev, Ukraine	Kinetic description of dusty plasmas and effective grain potentials
20.	V. Zhovtyansky	Gas Institute, Kiev, Ukraine	Nonequilibrium of the dense electric arc plasma caused by radiation transfer