

11th International Conference on Open Magnetic Systems for Plasma Confinement

Wednesday 10 August 2016

Poster session: Presenters are requested to put up the poster at 9.00. (15:00-18:00)

[id] title	presenter	board
[108] JULE-PSI – a linear plasma device inside a Hot Cell	Dr KRETER, Arkadi	1
[133] Plasma RF stabilization in mirror machine	Mr SEEMANN, omri	2
[132] Computer simulation of cylindrical plasma target trap with inverse magnetic mirrors	EFIMOVA, Anna	3
[135] Neutral beam injectors for the GOL-NB facility	Mr BATKIN, Vladimir	4
[127] ICRF heating in the plug/barrier region to control end-loss ions on GAMMA 10/PDX	Dr IKEZOE, Ryuya	5
[59] Negative Ion based Neutral Injector: beam formation and transport	Mr SOTNIKOV, Oleg	6
[58] Emission properties of Inductively Driven Negative Ion Source for NBI	Dr SANIN, Andrey	7
[56] Status of the experiment on magnetic field reversal at BINP	Dr BAGRYANSKY, Peter	8
[81] Composition of the high-energy neutral beam on the COMPASS tokamak	Ms MITOSINKOVA, Klara	9
[87] Coupling electromagnetic and quasi-electrostatic waves in electron cyclotron frequency range in high- β devices	Dr GOSPODCHIKOV, Egor	10
[85] Control of energy deposition profile for electron cyclotron resonance heating in open trap	Dr GOSPODCHIKOV, Egor	11
[101] Project of GDT-based steady-state experiment.	Mr KOLESNIKOV, Evgeniy	12
[106] Characteristics of SMBI Fueling with Laval Nozzle in GAMMA 10 Based on Experimental and Simulation Results	Mr ISLAM, Md. Maidul	13
[68] Development of the 2MW, 30 ms neutral beam for plasma heating and stabilization in a magnetic trap	Dr DEICHULI, Petr	14
[72] Calorimeter for the high power neutral beams with reduced cooling water flow	Dr DEICHULI, Petr	15
[69] Transportation of Dense Electron Beam Through the Input Mirror of the Magnetic Trap GOL-3	Dr ASTRELIN, Vitaly	16
[98] Development of 28/35 GHz dual-frequency gyrotron for ECH study	Dr MINAMI, Ryutaro	17
[119] Code Development for the Calculations of the Time-dependent Multimode Oscillations in the Cavity of the Future High-Power Gyrotrons	Dr MINAMI, Ryutaro	18
[16] EFFECT OF CONDUCTIVE SCREENS ON THE STABILIZATION OF PLASMA CHANNELS WITH CURRENTS OF HUNDREDS kAmps	Dr BOCHKOV, Victor	19
[46] Analysis of gas conditions influence it the GDT west expander on plasma confinement in the central cell	Ms KOROBEYNIKOVA, Olga Dr MURAKHTIN, Sergey	20
[52] Diagnostic molecular beam on the MCP basis	Dr MURAKHTIN, Sergey	21
[142] Potential Profile in Expander of Mirror Trap	Dr SKOVORODIN, Dmitriy	22

[70] Oscillating Mirror Instability in Plasma with Sloshing Ions	Dr SKOVORODIN, Dmitriy	23
[82] Expansion of dense plasma formed on solid target exposed to focused electron beam	Dr SKOVORODIN, Dmitriy	24
[42] Recent progress in development of neutral beams for fusion studies	Dr DAVYDENKO, Vladimir	25
[75] High-speed pumping system characteristics of 2 MW neutral beam injector based on Ti gettering	Mr SOROKIN, Alexey	26
[73] Extracting grid enhancement in triode ion optical system of power neutral beam injector	Mr BRUL, Aleksandr Mr SOROKIN, Alexey	27
[74] Experimental study of coupling of low-frequency electromagnetic waves with plasma in strong magnetic field	Dr POLOSATKIN, Sergey	28
[38] IMPURITIES EFFECTS ON OPERATION OF THE GDMT FACILITY	Ms SOROKINA, Nina Dr POLOSATKIN, Sergey	29
[76] Assessment of neutron production in neutral beam injector of TCV tokamak	Dr POLOSATKIN, Sergey	30
[44] The Research of photoneutralization of negative hydrogen and deuterium (ions) beam in nonresonance photon open trap.	Mr ATLUKHANOV, Magomedrizy	31
[23] Radial and Axial Transport in Trap Sections with Helical Corrugation	Dr BEKLEMISHEV, Alexei	32
[21] High Magnetic Field Symmetric Mirror D-D Reactors for Applied Nuclear Science	Dr BEKLEMISHEV, Alexei Prof. HORTON, W.	33
[24] Design Optimization of a Helical Plasma Thruster	Dr BEKLEMISHEV, Alexei	34
[129] Longitudinal electron energy distribution measurements in PR-2 mirror machine	Mr KOLODKO, Dobrynya	35
[114] Study of the impurity transport by injecting the gas to D-module in GAMMA 10/PDX	Dr YOSHIKAWA, Masayuki	36
[109] Peculiarities of Thomas-Fermi and Hartree models for high magnetic field open systems.	Ms KORSHOUNOVA, Mayya	37
[12] Calculating diffusion and heat fluxes due to compression of magnetized target	Dr RYZHKOV, Sergei V.	38
[47] Effect of Alfvén ion-cyclotron instability on ion dynamic in an axisymmetric mirror trap	Dr CHERNOSHTANOV, Ivan	39
[27] Coulomb collisions in a "single" ionized plasma	Dr EROFEEV, Vasily	40
[104] Reactor neutron shielding based on experience of ITER designing.	Mr IVANTSIVSKIY, Maxim	41
[90] Influence of lithium on the fusion gain in deuterium plasma	Dr CHIRKOV, Alexei	42
[134] Prospects for an Advanced Fusion Fuel Tandem Mirror Reactor	Dr SIMONEN, Tom	43
[125] Development of deuterium-loaded targets for D-D neutron generator based on high-current gasdynamic ECR ion source	Mr IZOTOV, Ivan	44
[26] Analysis of H α line emission process on detachment formation in the divertor simulator TPD-SheetIV	Mr UMEDA, Yutaro	45
[121] Electron temperature and density distributions of detached plasma in divertor simulation experiments in GAMMA 10/PDX	Mr NOJIRI, Kunpei	46
[57] Theoretical modeling of shielding for electron beam and plasma flow	Mr POPOV, Vladimir	47
[53] Modeling of crack formation after pulse heat load in ITER-grade tungsten	Dr ARAKCHEEV, Aleksey	48
[115] Study of beam-material interaction by using hydrogen ion beam	Prof. NAKASHIMA, Yousuke	49
[111] Comparison of tungsten modification after irradiation at different facilities for PSI studies	Dr SHOSHIN, Andrey	50

[64] Observation of dust particles ejected from tungsten surface under impact of intense transient heat load	Mr KASATOV, Alexandr	51
[67] Observation of the tungsten surface damage under ITER-relevant transient heat loads during and after electron beam pulse	VASILYEV, Alexander	52
[91] Study of Plasma Behavior During Impurity Injection in the End-cell of GAMMA10/PDX by Fluid Code	Mr ISLAM, Md. Shahinul	53
[113] Evaluation of heat flux from the plasma flow by using calorimeter in the GAMMA 10/PDX end-cell	Mr ISLAM, MD SHAHINUL	54
[128] Stationary diagnostics of magnetized plasmas	Mr SOROKIN, Ivan	56
[54] Diagnostic system to study sub-THz emission from open trap at strong beam-plasma interaction	SKLYAROV, Vladislav	57
[139] End Loss Analyzer System for Measurements of Plasma Flux at the C-2U Divertor Electrode	Dr GRISWOLD, Martin	58
[116] Spatial distribution measurement of molecular activated recombination using hydrogen Balmer line intensities of divertor simulation plasma in GAMMA 10/PDX	Mr TERAKADO, Akihiro	59
[77] Heating of tungsten target by intense pulse electron beam	Mr TRUNEV, Yuriy	60
[102] Heavy ion beam probe for measurements of plasma potential profile in GDT device	PRIKHODKO, Vadim	61
[37] Fusion yield registration in the gas dynamic trap	Mr PINZHENIN, Egor	62
[61] Measurements of the beam angular divergence at U2 accelerator	Mr STEPANOV, Vasilii	63
[65] Multi-second neutral beam injector (60kV, 6A) for plasma diagnostics in the upgraded T-15 device.	Mr STUPISHIN, Nikolay	64
[39] Particle-in-cell simulations of 100 KeV electron beam interaction with a thin magnetized plasma.	Mr ANNENKOV, Vladimir	65
[55] Theory of electromagnetic wave generation via a beam-plasma antenna	Ms VOLCHOK, Evgeniya	66
[83] H⁺ and D⁺ high current ion beams formation from ECR discharge sustained by 75 GHz gyrotron radiation.	Dr SKALYGA, Vadim	67
[97] Design of permanent magnet trap for high current gasdynamic ECR ion sources with plasma heating by gyrotron radiation with frequency up to 45 GHz.	Dr SKALYGA, Vadim	68
[51] Properties of sub-THz Waves Generated by the Plasma during Interaction with Relativistic Electron Beam	Dr IVANOV, Ivan	69
[105] Excitation of electromagnetic waves in dense plasma during the injection of supersonic plasma flows into magnetic arch	Dr VIKTOROV, Mikhail	70
[71] Diode for high-brightness REB generation intended for beam-plasma experiments	Dr SINITSKY, Stanislav	71
[78] Studies of the helicon plasma source with inhomogeneous magnetic field	Mr KUZMIN, Eugene	72
[79] A plasma target for neutralization of the negative ion beam	Mr EMELEV, Ivan	73
[30] Plasma Source Based on Helicon Discharge for a Plasma Accelerator	Mr FROLKO, Pavel	74
[63] Studies of plasma production in a linear device with plane LaB₆ cathode and hollow anode	Mr SHULZHENKO, Grigory Dr AKHMETOV, Timur	75