

26th IAEA Fusion Energy Conference - IAEA CN-234

Thursday, 20 October 2016

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[295] Assessment of corrosion behavior of reduced activation ferritic/martensitic steel, F82H in high temperature water	Dr NAKAJIMA, Motoki	
[292] An island-induced Alfvén eigenmode and effects of nonaxisymmetry on fast ions in the RFP	Dr ANDERSON, Jay	
[598] Minerva Bayesian Analysis of X-ray Imaging Spectrometer Data for Temperature and Density Profile Inference at Wendelstein 7-X	Dr LANGENBERG, Andreas	
[278] Material Properties and Their Influence on the Behavior of Tungsten as Plasma Facing Material	Dr WIRTZ, Marius	
[101] Smart tungsten alloys as first wall material for a future fusion power plant	Dr LITNOVSKY, Andrey	
[646] Enhancement of W7-X performance by symmetrization of limiter loads with error field correction coils	Dr BOZHENKOV, Sergey	
[90] Fast heating of an imploded core under counter beam irradiation by using a repetitive IFE driver HAMA	Prof. MORI, Yoshitaka	
[94] Diagnostic set-up and modelling for investigation of synergy between 3D edge physics and plasma-wall interactions on Wendelstein 7-X	Prof. LIANG, Yunfeng	
[96] Measurement of the plasma edge profiles using the combined probe on W7-X	Mr DREWS, Philipp	
[741] Suitability of Nano-structured Materials for Inertial Fusion Reactor Inner Walls	Dr CHAVARAMPLACKIL ISSAC, Riju	
[788] Temperature Sensitivity Analysis of Nuclear Cross Section using FENDL for Fusion-Fission System	Dr VELASQUEZ, Carlos	
[550] Adapting high resolution x-ray spectroscopy from MFE to temperature and density measurements in ICF*	HILL, K.W.	
[234] Physics and applications of ICRH on W7-X	Dr ONGENA, Jozef	
[235] Limiter observations during W7-X first plasmas	Dr WURDEN, Glen	
[1] Optimization process for the design of the DCLL blanket for the European DEMOnstration fusion reactor according to its nuclear performances	Dr PALERMO, Iole	
[612] Novel Testbed Facility for PSI Issues in Fusion Reactor Conditions on the Base of Next Generation QSPA Plasma Accelerator	Prof. GARKUSHA, Igor	
[610] Effect of defect concentration and distribution on hydrogen isotope retention and diffusion in damaged W for fusion first wall	Dr OYA, Yasuhisa	
[616] Initial operation results from KTX	Prof. LAN, Tao	
[194] Validation of Liquid Lithium Target Stability for Intense Neutron Source	Dr KONDO, Hiroo	
[948] Overview of some key achievements on the route to IFE	Mrs JACQUEMOT, Sylvie	
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[496] Design and Analysis of SST-2 Vacuum Vessel	Mr MANOAH, Stephen M.	
[25] Enhanced measurements for MHD validation using integrated data analysis on the MST fusion research experiment	Prof. DEN HARTOG, Daniel	
[26] Experimental Study of Deuterium Retention and Thermo-mechanical Properties in Ion-beam Displacement-damaged Tungsten	Prof. TYNAN, George	
[28] First Wall Lifetime Extension with Flowing Liquid Zone for Fusion Reactors	Prof. ŞAHIN, Sümer	
[408] Observation/Study of Lock mode characteristics in SST-1 plasma	Mr DHONGDE, JASRAJ	
[377] Application of the ECRH radiation for plasma diagnosis in Wendelstein 7 X	Dr MOSEEV, Dmitry	
[707] Activities for fusion energy functional and plasma facing material research at the University of Latvia	Mr ZARINS, Arturs Dr KIZANE, Gunta Ms AVOTINA, Liga	
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[89] Overview of recent plasma-material interaction studies in the linear plasma device PSI-2	Dr KRETER, Arkadi	
[85] Tungsten Composite Materials for Fusion First Wall applications	Dr COENEN, Jan Willem	
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[792] Coherent Beam Combination for Laser Fusion Driver design using Rotation Wedge Self-Phase-Controlled Stimulated Brillouin Scattering Phase Conjugation Mirrors	Prof. KONG, Hong Jin	
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[587] Plasma Mirror implementation on LFEX laser for Ion and Fast Electron Fast Ignition.	Dr MORACE, Alessio	
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[54] Improvement of Characteristics of Laser Source of Ions by changing the parameters of the target and external parameters	Dr KHAYDAROV, Rajabbay	

[538] Impact of Helium Ion Energy Modulation on Tungsten Surface Morphology and Nano-Tendril Growth	Mr WOLLER, Kevin	
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[150] Error field measurement, correction and heat flux balancing on Wendelstein 7-X	Dr LAZERSON, Samuel	
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