

22nd joint workshop on electron cyclotron emission (ECE) and electron cyclotron resonance heating (ECRH)

Tuesday, 23 April 2024

Theory/Experiment/Diagnostics/Techonology (Poster): @ Emerald Hall (3rd floor) - Royal Ball Room (14:00 - 17:00)

[id] title	presenter	board
[8] Low-threshold two-plasmon parametric decay at a monotonic density profile in X2 ECRH experiments	POPOV, Alexei	
[39] ECCD studies for EU-DEMO plasmas	POLI, Emanuele	
[65] ECCD from the ITER Upper Launcher: a sensitivity study	FIGINI, Lorenzo	
[13] ITER ECH&CD Transmission Line Layout Development	WOLFE, Zachary	
[25] A study of high-power microwave transmission capability for corrugated waveguide transmission line	Mr FAN, Guoyao	
[27] Quasi-Optical Mode Converter and Broadband MOU for Multi-Frequency / Multi-Purpose Gyrotron	JIN, Jianbo	
[61] Recent Results from Electron Cyclotron Emission (ECE) Radiometer diagnostics in the presence of Electron Cyclotron Resonance Heating (ECRH)	SIJU, Varsha	
[62] Design, Development and Characterization of Indigenously Developed High Temperature Black Body Source for Calibration of ECE Diagnostics	SINHA, Abhishek	
[29] Pre-Concept Development of STEP Heating and Current Drive System	CRAIG, steven	
[73] The commissioning of the a microwave diagnostic - SAMI-2: Synthetic Aperture Microwave Imaging	PRITCHARD, Ben	
[24] Optical testing and database establishment of ECEI on HL-3	Mr HAN, KeXi	
[35] Low-power validation of dual frequency gyrotron mode converter launcher	LIM, JinHo	
[42] Breaking Symmetry in Gyrotrons by Schroeder Diffusor Structures	LAQUA, Heinrich	
[48] Development of Large Area Diamond Window for High Power RF/Microwave Systems	TRIVEDI, Vraj	
[37] Development of a dual-frequency gyrotron operating at 142/208 GHz	HAN, TaeGyu	
[72] Design of a Quasi-optical Notch Filter at 170 GHz for ITER ECE Diagnostic	DANANI, Suman	
[50] Tuning the absorbing properties of Al ₂ O ₃ -TiO ₂ layers	HENTRICH, Andreas	
[36] Study on a higher order mode generation in a coaxial cavity at dual frequencies of 142 GHz & 208 GHz	LIM, JinHo	
[38] Analysis of KSTAR electron cyclotron heating efficiency by comparing measurements and GENRAY simulations	PARK, Jiho	
[40] Application of Deep Learning for Alignment of Higher Order Mode Generators for Gyrotrons	BAIJUKYA, Edrick	
[55] Nonlinear Landau damping of electron Bernstein waves in MAST-U	SENSTIUS, Mads	
[59] First 1 MW gyrotron for COMPASS Upgrade ECRH system	BOGAR, Ondrej	
[66] Electromagnetic Simulations of the ITER Upper Launcher	PLATANIA, Paola	
[69] Upgradation of ECRH system for SST-1	SHUKLA, Braj	

[77] Overview of DTT ECH antennae design and challenges	FANALE, Francesco	
[1] Structural Thermal Optical Performance (STOP) analysis method for optical components of megawatt electron cyclotron heating systems	VEENENDAAL, Jorn	
[31] ITER ECH Transmission Line System Design and Status	HANSON, Gregory	