



# ICFDT7 - 7th International Conference on Frontier in Diagnostic Technologies

## Tuesday, 22 October 2024

### Poster Session B (18:05 - 19:05)

time	[id] title	presenter
18:05	[94] Compact, Reconfigurable Millimeter-Wave Back-End for Next-Generation Fusion Reactors	Dr SILVA, Antonio
18:05	[118] ICAERUS project: olive trees health assessment through deep learning technique on multispectral drone camera	Dr MARTELLUCCI, Luca
18:05	[81] Numerical studies and design of the DTT HFS Plasma Position Reflectometer	RUFFINI, Federico
18:05	[84] Soft X-ray tomography for monitoring fusion plasma dynamics	Dr JARDIN, Axel
18:05	[86] Triton burn up detection study for the Divertor Tokamak Test facility	Mrs ANAGNOSTOPOULOU, Vasiliki
18:05	[100] Simulating Fission Fragments for Advanced Energy Applications	MAZZOTTA, Cristina
18:05	[93] Research on Frequency Feedback Control Method of Laser-aided Interferometer Based on Incremental Neural Network PID Algorithm	CAO, Yiming
18:05	[117] Compact Ion Beam System for Fusion Demonstration	Dr GUNN, Alexander
18:05	[121] Multipurpose system of interferometric setups for real-time estimation of plasma and gas density in fusion and particle acceleration experiments at INFN-LNS	Dr SUAREZ VARGAS, Jose Juan
18:05	[90] Fast particle effects on polarimetry in JET Deuterium-Tritium (DTE2) high performance scenarios	ORSITTO, francesco paolo
18:05	[80] Exploitation of a 2D triple GEM detector at the MASTU spherical tokamak	CELORA, Agostino
18:05	[116] ITER Density Interferometer Polarimeter: design update and synthetic diagnostic development	BAGNATO, Filippo
18:05	[120] Fiber optic river navigability monitoring system	Dr VICCA, Davide
18:05	[110] A Machine Learning-Based Technique to Assess DT Fusion Power at ITER with Gamma Ray Spectroscopy	LANDSMEER, Cedric
18:05	[72] A Physics-Informed Deep Learning Model for Data-Unsupervised Extraction of Information in the Spectroscopy Field	PULEIO, Alessandro
18:05	[123] The Thomson Scattering System for DTT ( Divertor Test Tokamak) pedestal	Dr ORSITTO, Francesco Paolo
18:05	[125] Current Status of Diagnostic Integration in Port Plugs for DTT	PALOMBA, Silvia
18:05	[39] First measurements for the ITER-like CXRS-edge diagnostic on EAST	Dr FU, Shengyu