



# 28th IAEA Fusion Energy Conference (FEC 2020)

## Saturday 15 May 2021

### TH/7 Disruptions, advances in RF modeling, and stellarators (08:30-10:25)

time	[id] title	presenter
08:30	[862] Implementation of Artificial Intelligence (AI)/Deep Learning Disruption Predictor into a Plasma Control System	Prof. TANG, William
08:30	[1263] A Machine Learning Approach for Data Visualization and Parameter Selection for Efficient Disruption Prediction in Tokamaks	BANDYOPADHYAY, Indranil
08:30	[1120] In-depth Research on the Interpretable Disruption Predictor in HL-2A	Mr YANG, Zongyu
08:47	[1004] Towards integrated RF actuator modeling: whole device scale RF fullwave simulation including hot core and 3D SOL/antenna regions	Dr SHIRAIWA, Syun'ichi
09:04	[1285] Energy Deposition and Melt Deformation on the ITER First Wall due to Disruptions and Vertical Displacement Events	Dr COBURN, Jonathan
09:21	[798] KNOSOS, a fast neoclassical code for three-dimensional magnetic configurations	Dr VELASCO GARASA, Jose Luis
09:38	[788] Supercritical stability of the Large Helical Device plasmas due to the kinetic thermal ion effects	Dr SATO, Masahiko
09:55	[1562] Q&A	