



# 28th IAEA Fusion Energy Conference (FEC 2020)

## Saturday, May 15, 2021

### TH/7 Disruptions, advances in RF modeling, and stellarators (8:30 AM - 10:25 AM)

time	[id] title	presenter
8:30 AM	[862] Implementation of Artificial Intelligence (AI)/Deep Learning Disruption Predictor into a Plasma Control System	Prof. TANG, William
8:30 AM	[1263] A Machine Learning Approach for Data Visualization and Parameter Selection for Efficient Disruption Prediction in Tokamaks	BANDYOPADHYAY, Indranil
8:30 AM	[1120] In-depth Research on the Interpretable Disruption Predictor in HL-2A	Mr YANG, Zongyu
8:47 AM	[1004] Towards integrated RF actuator modeling: whole device scale RF fullwave simulation including hot core and 3D SOL/antenna regions	Dr SHIRAIWA, Syun'ichi
9:04 AM	[1285] Energy Deposition and Melt Deformation on the ITER First Wall due to Disruptions and Vertical Displacement Events	Dr COBURN, Jonathan
9:21 AM	[798] KNOSOS, a fast neoclassical code for three-dimensional magnetic configurations	Dr VELASCO GARASA, Jose Luis
9:38 AM	[788] Supercritical stability of the Large Helical Device plasmas due to the kinetic thermal ion effects	Dr SATO, Masahiko
9:55 AM	[1562] Q&A	