

## DIII-D 2020 IAEA FEC TALK SLIDES AND VIDEOS

Name	Title	Talk	Video
Barada, K	New understanding of multi-scale/multi-field pedestal turbulence, transport, and gradient behavior during type-I ELMs on the DIII-D tokamak	<a href="#">Link</a>	<a href="#">Link</a>
Barr, J	Development and experimental qualification of novel disruption prevention techniques on DIII-D	<a href="#">Link</a>	<a href="#">Link</a>
Belli, EA	Strong reversal of simple isotope scaling laws in tokamak edge turbulence	<a href="#">Link</a>	<a href="#">Link</a>
Chen, X	Doubling the Efficiency of Off-axis Current Drive Using Reactor-relevant 'Top Launch ECCD' on the DIII-D Tokamak	<a href="#">Link</a>	<a href="#">Link</a>
Collins, C	Improving Fast-Ion Confinement and Performance by Reducing Alfvén Eigenmodes in the $q_{min} > 2$ , Steady-State Scenario	<a href="#">Link</a>	<a href="#">Link</a>
Ding, S	A Low Plasma Current Approach ( $\sim 8$ MA) for ITER's $Q=10$ Goal	<a href="#">Link</a>	<a href="#">Link</a>
Fenstermacher, M	DIII-D Research Advancing the Physics Basis for Optimizing the Tokamak Approach to Fusion Energy	<a href="#">Link</a>	<a href="#">Link</a>
Hager, R	Gyrokinetic simulation in realistic divertor geometry reproduces density pump-out and enhanced electron heat confinement in tokamak edge plasma under resonant magnetic perturbations	<a href="#">Link</a>	<a href="#">Link</a>
Howard, N.	Multi-Machine Determination of SOL-to-Core Multi-Z Impurity Transport in Advanced Confinement Regimes	<a href="#">Link</a>	<a href="#">Link</a>
Hu, Q	Role of resonant magnetic field penetration in ELM suppression and density pump-out in DIII-D ITER-like plasmas	<a href="#">Link</a>	<a href="#">Link</a>
Marinoni, A	Diverted plasmas at negative triangularity on DIII-D: the benefit of H-mode grade confinement without the liability of an edge pedestal	<a href="#">Link</a>	<a href="#">Link</a>
Park, J-K	Quasi-symmetric Error Field Correction in Tokamaks	<a href="#">Link</a>	<a href="#">Link</a>
Shiraki, D	DIII-D and International Research Towards Extrapolating Shattered Pellet Injection Performance to ITER	<a href="#">Link</a>	<a href="#">Link</a>
Staebler, GM	Advances in prediction of tokamak experiments with theory-based models	<a href="#">Link</a>	<a href="#">Link</a>
Tang, W	IMPLEMENTATION OF AI/DEEP LEARNING DISRUPTION PREDICTOR INTO A PLASMA CONTROL SYSTEM	<a href="#">Link</a>	<a href="#">Link</a>
Wang, H	The effect of synergy between divertor geometry and drifts on divertor power dissipation in the DIII-D small angle slot divertor	<a href="#">Link</a>	<a href="#">Link</a>
Wang, L	Achievements of Actively Controlled Divertor Detachment Compatible with Sustained High Confinement Core in DIII-D and EAST	<a href="#">Link</a>	<a href="#">Link</a>
Wilks, T	Development of an integrated core-edge reactor scenario using the Super H-mode	<a href="#">Link</a>	<a href="#">Link</a>