Department of Energy Announces $16 Million for Research in the DIII-D National Program

Annoucement Number: *DE-FOA-0002904 Innovative Fusion Technology and Collaborative Fusion Energy Research in the DIII-D National Program* *List Posted:* *10/4/2023*

Selection for award negotiations is not a commitment by DOE to issue an award or provide funding.

Principal Investigator	Title	Institution	City	State	ZIP Code
Laggner, Florian	An Inductively-Coupled Ion Source For The DIII-D Neutral Beam Heating System	North Carolina State University	Raleigh	NC	27695-7514
Navratil, Gerald	High Beta Tokamak Research	Columbia University in the City of New York	New York	NY	10027-7922
Crocker, Neal	Millimeter-wave techniques for measurement of radio frequency plasma waves for advancing understanding of reactor-relevant helicon current drive and fast-ion driven instabilities	University of California, Los Angeles	Los Angeles	CA	90095-1406
Mordijck, Saskia	Particle transport and fueling for reactor relevant regimes	The College of William and Mary	Williamsburg	VA	23187-8795
Baylor, Larry	Spin Polarized Nuclei for Injection into DIII-D	Oak Ridge National Laboratory	Oak Ridge	TN	37831-6305
Heidbrink, William	Spin Polarized Nuclei for Injection into DIII-D	University of California, Irvine	Irvine	CA	92697-7600
Miller, Grady	Spin Polarized Nuclei for Injection into DIII-D	The Rector and Visitors of the University of Virginia	Charlottesville	VA	22904-4195
Wei, Xiangdong	Spin Polarized Nuclei for Injection into DIII-D	Thomas Jefferson National Accelerator Facility	Newport News	VA	23606-4468
Baylor, Larry	Support Laboratory for Disruption Mitigation Technology	Oak Ridge National Laboratory	Oak Ridge	TN	37831-6305
Paz-Soldan, Carlos	Support Laboratory for Disruption Mitigation Technology	Columbia University in the City of New York	New York	NY	10027-7922
Schuster-Rosa, Eugenio	Toward Disruption-free, Machine-safe, High-performance Operation in ITER and FPP via Integrated Advanced Control	Lehigh University	Bethlehem	PA	18015-3093
Diamond, Patrick	Unravel L-H Transition Dynamics and Improve H-mode Access through Synergistic DIII-D Experiments, First Principles Global Simulations, and Advanced Reduced Transition Models	University of California, San Diego	La Jolla	CA	92093-0934
Schmitz, Lothar	Unravel L-H Transition Dynamics and Improve H-mode Access through Synergistic DIII-D Experiments, First Principles Global Simulations, and Advanced Reduced Transition Models	University of California, Los Angeles	Los Angeles	CA	90095-1406
Kolemen, Egemen*	Unleash the machine learning control theoretical development on DIII-D	The Trustees of Princeton University	Princeton	NJ	08544-2020
Schneider, Jeff*	Unleash the machine learning control theoretical development on DIII-D	Carnegie Mellon University	Pittsburgh	PA	15213-3589
Coffee, Ryan*	Unleash the machine learning control theoretical development on DIII-D	SLAC National Accelerator Laboratory	Menlo Park	CA	94025-7015

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