Department of Energy Announces $16.6 Million for Research on Artificial Intelligence and Machine Learning Applied to Nuclear Science and Technology

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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
Jacobs, Peter	Bayesian Probabilistic Methods to Enable Cross-Cutting AI Research in Nuclear Science	LBNL	Berkely	CA	94720-8202
Lawrence, David	Coupling Experiment to Accelerator Control	TJNAF	Newport News	VA	23606-4468
Hoffstaetter, Georg	Beam Polarization Increase in the BNL Hadron Injectors Through Physics-informed Bayesian Learning	BNL	Upton	NY	11973-5000
Ostromouv, Peter	Online Autonomous Tuning of the FRIB Accelerator Using Machine Learning	MSU	East Lansing	MI	48824-2601
Liuti, Simonetta	EXCLAIM - EXCLusives via Artificial Intelligence and Machine learning	University of Virginia	Charlottesville	VA	22903-4833
Fanelli, Cristiano	A Scalable and Distributed AI-assisted Detector Design for the EIC	Collage of William & Mary	Williamsburg	VA	23187-8795
Edelen, Auralee	Towards Self-driving NP Scientific User Facilities through an AI-based Controls Framework	SLAC	Stanford	CA	94305-2004
Lee, Dean	STREAMLINE Collaboration: Machine Learning for Nuclear Many-Body Systems	MSU	East Lansing	MI	48824-2601

* All eight awards are granted to multiple institutions, with the lead institution specified.