Department of Energy Announces $2.3 Million for Public-Private Partnership Awards to Advance Fusion Energy

INFUSE FY 2022 Second Round *List Posted: 1/17/2023*

Principal Investigator	Title	Institution	City	State	9-digit zip code	Partnering Institution
Yu, Jonathan	Machine learning-accelerated predictions of power and particle exhaust in a fusion pilot plant	General Atomics	San Diego	CA	92121	Lawrence Livermore National Laboratory
Mburu, Naomi	Evaluation of the effect of coolant purity on the corrosion resistance of Castable Nanostructured Alloys for structural application in tokamak reactor blankets	Tokamak Energy Inc	Bruceton Mills	WV	26525	Oak Ridge National Laboratory
Swanson, Charles	Determining fast particle behavior in a reactor-relevant Quasi-Axisymmetric stellarator equilibrium	Princeton Stellarators Inc	Princeton	NJ	08542	Princeton Plasma Physics Laboratory
Martin, Mike	Stellarator evolution modelling	Princeton Stellarators Inc	Princeton	NJ	08542	Princeton Plasma Physics Laboratory
Dennett, Cody	Oxide Dispersion Strengthened Ferritic Steel Wire Feedstock Development for Large-Format Additive Manufacturing	Commonwealth Fusion Systems	Cambridge	MA	02139	Pacific Northwest National Laboratory
Harris, Paul	High-temperature superconducting CORC® conductors for stellarator magnet applications	Type One Energy Group Inc.	Madison	WI	53703	Lawrence Berkeley National Laboratory
Koyn, Zachariah	Retention of Fusion Plasma Species in PFC Candidate Fine-Grain Dispersion-Strengthened Tungsten Materials	Energy Driven Technologies LLC	Champaign	IL	61820	Sandia National Laboratories
Mitchell, Corinne	A modern neutronics-modeling uncertainty methodology towards a future fusion neutronics handbook	Commonwealth Fusion Systems	Cambridge	MA	02139	Oak Ridge National Laboratory
Jarrott, Leornard	Model validation of low-density foams wetted with liquid deuterium and tritium for inertial fusion target optimization	Focused Energy	Austin	TX	78758	Lawrence Livermore National Laboratory
Patel, Pravesh	Simulation study for risk assessment of laser-plasma instabilities in proton fast ignition	Focused Energy	Austin	TX	78758	Los Alamos National Laboratory