### Principal Investigator | Title | Institution | City | State | ZIP Code
---|---|---|---|---|---
Abbaszadeh, Shiva | Solving the Paradox of Rhizosphere Effects on Soil Carbon Cycle | University of California, Santa Cruz | Santa Cruz | CA | 95064-1077
Asimaki, Domniki | A Hybrid Framework of Exascale Simulations, Observations and Deep Learning for System-Level Clean Energy Resilience and Risk Reduction | California Institute of Technology | Pasadena | CA | 91125-0001
Kirst, Matias | Engineering Sporopollenin and Its Carbon Supply | University of Florida | Gainesville | FL | 32611-5500
Koniges, Alice | Ka mana o ka la‘i: Modeling our energy future | University of Hawaii | Honolulu | HI | 96822-2234
Krishnakumar Menon, Akanksha | Understanding Thermo-Chemo-Mechanical Transformations in Thermal Energy Storage Materials and Composites | Georgia Institute of Technology | Atlanta | GA | 30332-0420
Mallouk, Thomas | Proton and Ion Management in Bipolar-Membrane-Based Electrochemical Systems | University of Pennsylvania | Philadelphia | PA | 19104-6205
North, Justin | Biotechnological routes for synthesizing the industrial platform chemical, propylene, from deconstructed lignin waste and captured carbon dioxide produced during lignin valorization into bio-oil | The Ohio State University | Columbus | OH | 43210-1016
Pakrasi, Himadri | Unleashing Photosynthesis and Nitrogen Fixation for Carbon Neutral Production of Nitrogen Rich Compounds | Washington University | St Louis | MO | 63130-4862
Peherstorfer, Benjamin | Learning reduced models under extreme data conditions for design and rapid decision-making in complex systems | New York University | New York | NY | 10012-2331
Raymond, Peter | Carbon dioxide removal and high-performance computing: Planetary Boundaries of Earth Shots | Yale University | New Haven | CT | 06520-8327
Rodriguez Lopez, Joaquin | Harnessing Electrostatics for the Conversion of Organics, Water and Air: Driving Redox on Particulate Liquids Earthshot (DROPLETS) | University of Illinois, Urbana-Champaign | Champaign | IL | 61820-7406
Saltiel, Seth | Process-based experimental and machine learning approaches for controlling fracture network generation in the brittle-ductile crust | University of Nevada, Reno | Reno | NV | 89557-0240
Seetharaman, Sridhar | Fundamental studies of hydrogen arc plasmas for high-efficiency and carbon-free steelmaking | Arizona State University | Tempe | AZ | 85287-6011
Stoerzinger, Kelsey | Molecular and Atomic Engineering of Interfacial Electrocatalytic Environments (MARIE) | University of Minnesota | Minneapolis | MN | 55455-2070
Tolbert, Sarah | Center for STrain Optimization for Renewable Energy (STORE) | University of California, Los Angeles | Los Angeles | CA | 90095-1406
Wang, Gangli | Atomic Level Compositional Complexity for Electrocatalysis (Atomic-C2E) | Georgia State University | Atlanta | GA | 30302-3999
Yi, Son-Young | Advanced Multi-Physics Machine Learning for Subsurface Energy Systems Across Scales | University of Texas, El Paso | El Paso | TX | 79968-0697