

## DOE Invests \$13.7 Million for Research in Data Reduction for Science

Last Name	First Name	Institution	Proposal Title
Yoon	Byung-Jun	Brookhaven National Laboratory (BNL), Upton, NY, 11973-5000	Objective-Driven Data Reduction for Scientific Workflows
Archibald	Richard	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN, 37831-6118	Compression Methods for Streaming Scientific Data
Doostan	Alireza	The Regents of the University of Colorado d/b/a University of Colorado, Boulder, CO, 80309-1058	Scalable Data Reduction Techniques for Extreme-Scale Unstructured PDE Simulations
Ranka	Sanjay	University of Florida, Gainesville, FL, 32611-5500	Hybrid Learning Techniques for Scientific Data Reduction with Performance Guarantees
Burtscher	Martin	Texas State University, San Marcos, TX, 78666-4684	Automatic Generation of Algorithms for High-Speed Reliable Lossy Compression
Lindstrom	Peter	Lawrence Livermore National Laboratory (LLNL), Livermore, CA, 94550-0808	ComPRESS: Compression and Progressive Retrieval for Exascale Simulations and Sensors
Tran	Nhan	Fermi National Accelerator Laboratory (FNAL), Batavia, IL, 60510-5011	Real-time Data Reduction Codesign at the Extreme Edge for Science
Pal	Piya	The Regents of the University of California - UCSD, La Jolla, CA, 92093-0934	Extreme Data Reduction and Reliable Information Retrieval by Harnessing Low-dimensional Structures in High-Dimensional Datasets
Pothen	Alex	Purdue University, West Lafayette, IN, 47907-2114	Data Summarization and Inference at Scale