

Grants

Current Research (chronological order; most recent one first)

1. Grant #2229751 (Rod Tohid)
Name of Funding Organization: National Science Foundation
Amount Awarded: \$300,000
Period of Grant Award: Sept 15 2022 - Oct 31 2023
Title of Project: POSE: Phase I: Constellation: A Pathway to Establish the STE||AR
Open-Source Organization
Role on Project: Co-PI

Completed Research (chronological order; most recent one first)

1. Grant #524125 (Hartmut Kaiser)
Name of Funding Organization: Pacific Northwest National Laboratory
Amount Awarded: \$50,000
Period of Grant Award: June 25 - Oct 31 2020
Title of Project: High Performance Data Analytics (HPDA) Scalable Second-Order
Optimization (SSO)
Role on Project: Co-PI

Allocations

Current Allocations (chronological order; most recent one first)

1. Project xpress (Alice Koniges)
Title of Project: HPX and OpenMP
Amount awarded: CPU node hours 4300 and GPU node hours 1700
Cluster: Perlmutter @ NERSC
Role on Project: Senior personal

Completed Allocations (chronological order; most recent one first)

1. Project hp210311 (Patrick Diehl)
Title of Project: Porting Octo-Tiger, an astrophysics program simulating the evolu-
tion of star systems based on the fast multipole method on adaptive Octrees
Type: Test-bed
Amount awarded: 21k node hours
Cluster: Fugaku @ RIKEN Center for Computational Science, Japan
Role on Project: PI

2. Project PaDi032321F (Patrick Diehl)

Title of Project: Porting Octo-Tiger, an astrophysics program simulating the evolution of star systems based on the fast multipole method on adaptive Octrees

Type: Test-bed

Amount awarded: 10k node hours

Cluster: Ookami @ Stonybrook University, USA

Role on Project: PI