

Resource Summary Report

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Harvard CNS NNIN/C Computational Facility

RRID:SCR_009830

Type: Tool

Proper Citation

Harvard CNS NNIN/C Computational Facility (RRID:SCR_009830)

Resource Information

URL: <http://harvard.eagle-i.net/i/00000130-7574-3d13-1971-4f2080000000>

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Description: The National Nanotechnology Infrastructure Network's computational activity (NNIN/C) is the computational counterpart of the NNIN experimental initiative. Like the NNIN experimental program, NNIN/C is a multi-university initiative, funded by the National Science Foundation (NSF). Harvard University serves as the coordinating hub of NNIN/C, the object of which is to establish a national computing resource that provides hardware resources and simulation tools dedicated to nanoscience research for the academic and industrial research communities. Strong technical and scientific support is provided by staff experts so that the tools and resources can benefit interdisciplinary research. The software tools include commercial software packages for design, characterization and analysis of nanometer scale devices as well as some of the latest academic advances in nanoscale modeling and simulation software. The goals and strategies of NNIN/C are: * Assemble and create a wide suite of robust software that addresses critical issues related to the physical, chemical, and biological properties of artificial and natural nanoscale structures. * Maintain and, where necessary, modify these simulations to address a broad range of research problems. * Provide strong technical support and thorough instruction on the software tools so that even novice users can rapidly develop solutions to their own unique research problems. * Provide web-based graphical user interfaces (GUIs) for user-friendly access to simulation tools as well as web-based resources for instruction and feedback to the community of researchers employing the same tools

Resource Type: core facility, access service resource, service resource

Funding:

Resource Name: Harvard CNS NNIN/C Computational Facility

Resource ID: SCR_009830

Alternate IDs: nlx_156301

Alternate URLs: http://cns.fas.harvard.edu/nnin/nnin_computation.php

Record Creation Time: 20220129T080255+0000

Record Last Update: 20250426T060119+0000

Ratings and Alerts

No rating or validation information has been found for Harvard CNS NNIN/C Computational Facility.

No alerts have been found for Harvard CNS NNIN/C Computational Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.