

The **SciServer** vision addresses some of the most important challenges of modern science.

Petabyte-Scale Data Management

We offer scalable data storage for scientific users, tools for searching big datasets, and workspaces for users to store and analyze their results.

Server-Side Data Analytics

We offer the ability to analyze data on our servers, keeping the computation close to the data to minimize data movement.

Science for All

We provide access to query, analysis, and storage resources for researchers and educators worldwide. Our new classroom tools make it easy to organize and assess student work, even for large lecture courses.

SciServer is operated by

The Institute for Data Intensive Engineering
and Science

The Johns Hopkins University
Baltimore, MD 21218

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The National Science Foundation through its
Data Infrastructure Building Blocks (DIBBs)
Program, Award ACI-1261715.



A Collaborative Research Environment for
Large-Scale Data-Driven Science



Scan the QR code to
join our email list.

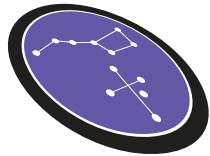
www.sciserver.org

idies



JOHNS HOPKINS
UNIVERSITY

*SciServer is a revolutionary new approach
to doing astronomy by bringing the analysis
to the data. SciServer consists of integrated
tools that work together to create a full-
featured Science Platform.*

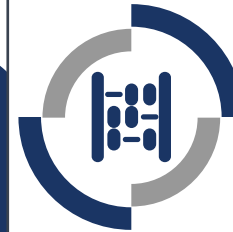


SkyServer

The browser-based web interface to catalog data from the Sloan Digital Sky Survey

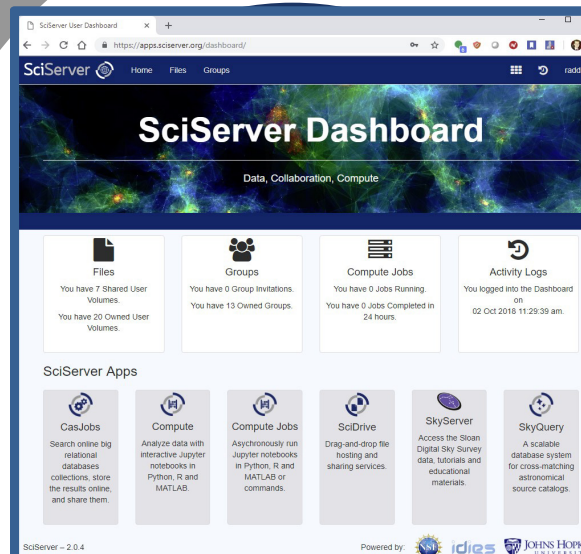
SciServer is a system for researchers across multiple domains to host and share datasets, featuring query and analysis tools for collaborative research.

The SciServer **Dashboard** provides a single streamlined interface to manage all activity within the system.



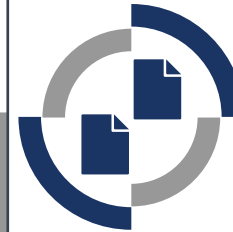
Compute

Online computing with Python, R, or MATLAB, interactively or in batch mode



SkyQuery

Cross-match objects across multiple astronomy databases quickly with confidence



Personal Storage

Host your own scientific datasets, both files and databases (MyDBs), available through all tools of SciServer



CasJobs

Query large scientific datasets to build custom server-side databases for scientific analysis and visualization

Hosted Datasets



Sloan Digital Sky Survey DR1-15
2DF
GALEX
ROSAT



Millennium simulations
Cross-Match 50+ catalogs



Collaboration

Create groups and share datasets with colleagues, or publish datasets to the community