

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



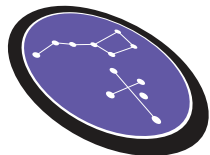
Scan the QR code to  
join our email list.

[www.sciserver.org](http://www.sciserver.org)

**idies**



*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.*

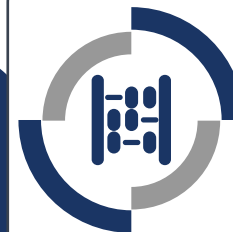


## SkyServer

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

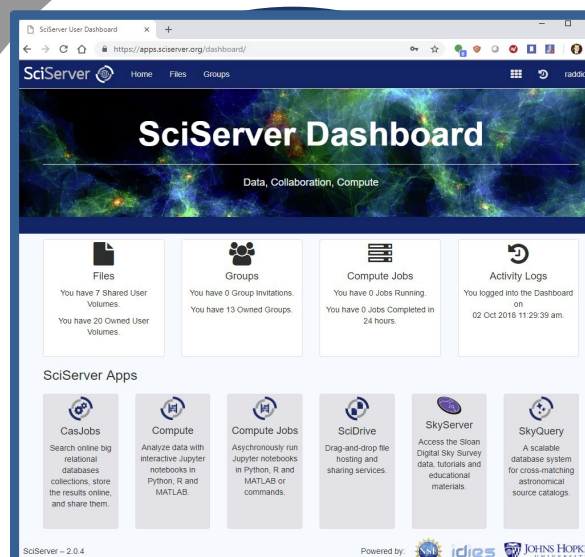
**SciServer** is a system for researchers across multiple domains to host and share datasets, featuring query and analysis tools for collaborative research.

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