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*

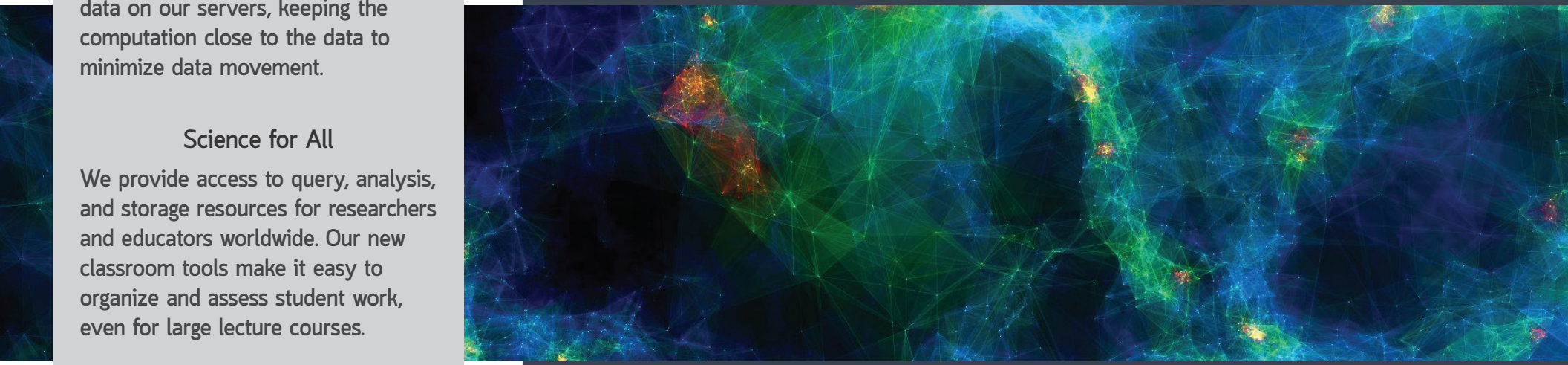
The Institute for Data Intensive Engineering and Science
The Johns Hopkins University
Baltimore, MD 21218

**SciServer** *is funded by*

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


# SciServer

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



Scan the QR code to join our email list.

www.sciserver.org

idies

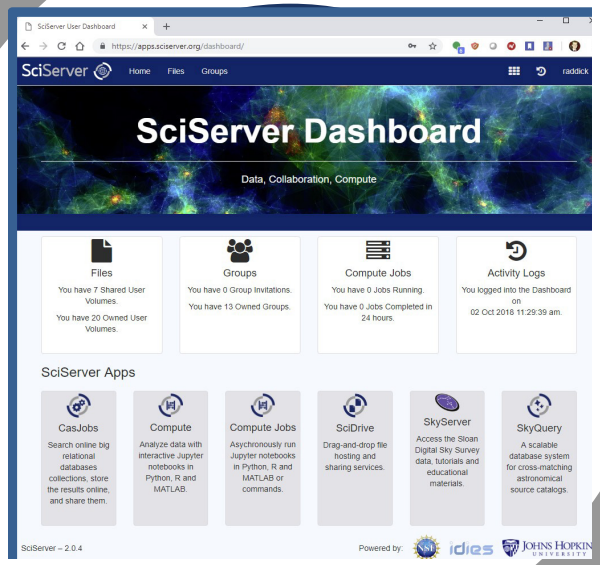
JOHNS HOPKINS UNIVERSITY

***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.*

# SciServer

**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.




## SkyServer

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

## 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

**SciServer is the science platform for Sloan Digital Sky Survey catalog data**