

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.

Open Numerical Laboratories

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, and support the “long tail of science”: the preponderance of small datasets collected by researchers worldwide.

SciServer is Operated By

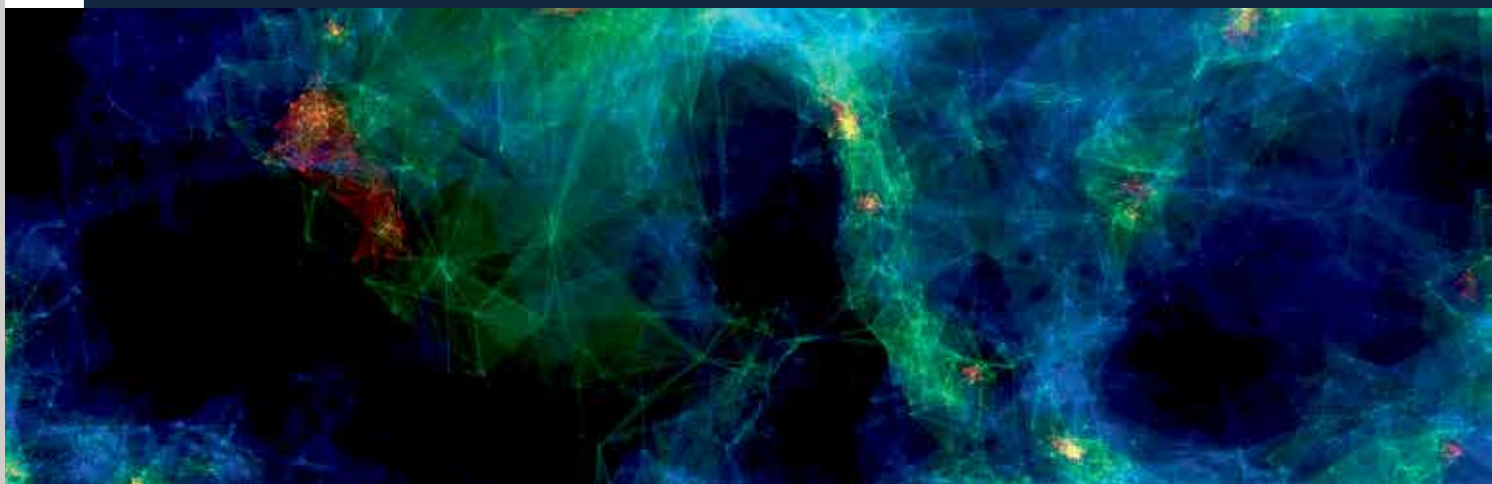
The Institute for Data Intensive Engineering
and Science
The Johns Hopkins University
Baltimore, MD 21218

SciServer is Funded By

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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

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

Collaborative Data-Driven Science

SciServer 



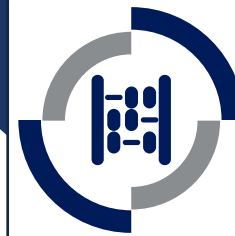
CasJobs

A query management and job execution tool for large scientific datasets including the Sloan Digital Sky Survey (SDSS) catalog data.



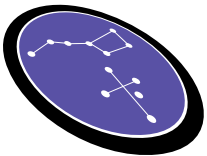
Dashboard

Manage collaborative groups; manage and share resources, files, and databases.



Compute

Featuring Jupyter Notebooks with Python 2, Python 3, R, and MATLAB kernels. Now with asynchronous job execution.



SkyServer

The public interface to SDSS catalog data. SciServer users can save SkyServer results and queries.



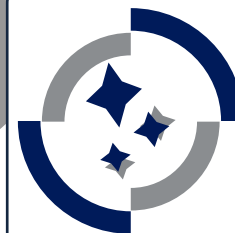
SciScript

An integral part of SciServer Compute, SciScript libraries contain functions to access SciServer APIs, and more.



SciDrive

A Dropbox-like interface for scientific data files that integrates with CasJobs and Compute.



SkyQuery

Provides distributed query capability to support "statistical cross-match" queries across multiple astronomy databases.

