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.
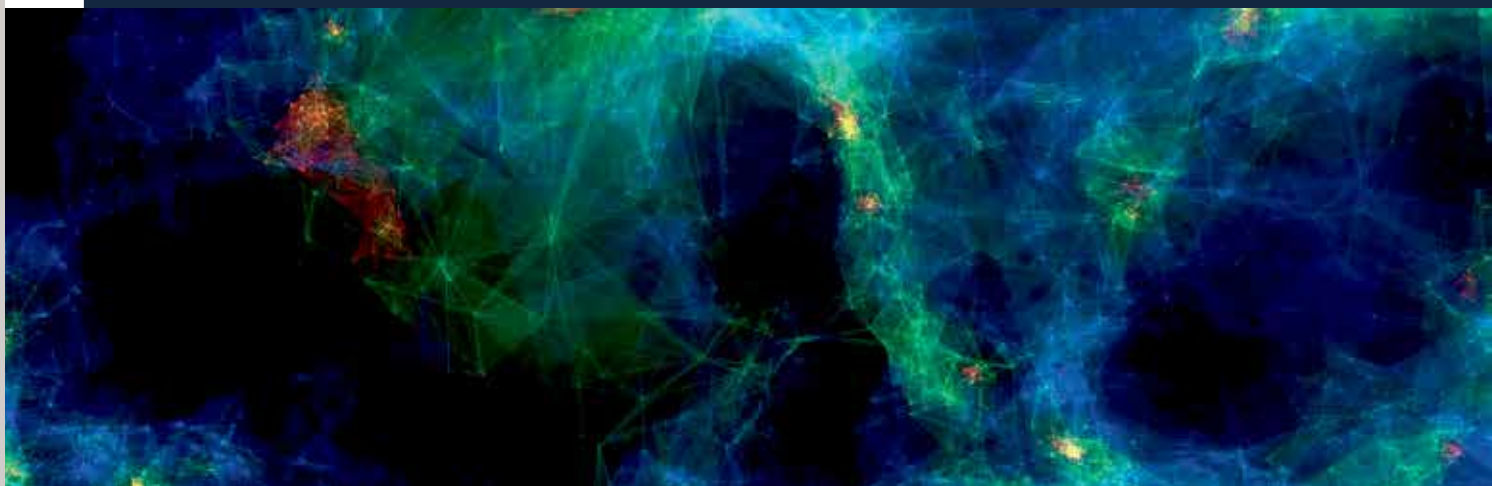
SciServer *is operated by*

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

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SciServer

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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JOHNS HOPKINS
U N I V E R S I T Y

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.*

SciServer

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

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.

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

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.

Collaborative Data–Driven Science