

Globus for Data Management

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With rapid increase in the data that is generated and requires processing, sharing, tracking and archiving, there is a need for robust solutions for managing data at such scale across its lifecycle. This talk will present use of Globus, a software-as-a-service developed at, and operated by, the University of Chicago, for research data management. Globus provides high speed, secure file transfer; file sharing directly from institutional storage systems; and data publication capabilities. The talk will cover an overview and demonstration of Globus, discuss exemplar applications where Globus is leveraged for data management including at beamlines at Advanced Photon Source, and illustrate use of Globus APIs for integration with workflows and pipelines.