

SPHINX: Experimental Evaluation on Open Science Grid

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Grid computing is becoming a popular way of providing high performance computing for many data intensive, scientific applications. The execution of user applications must simultaneously satisfy both job execution constraints and system usage policies. The SPHINX middleware addresses both these issues. In this paper, we present performance results of SPHINX on Open Science Grid. The simulation and execution results show that we can reduce the completion time of workflows.

Primary author: RANKA, Sanjay (University of Florida)

Co-authors: IN, Jang-Uk (University of Florida); CHITNIS, Laukik (University of Florida); THOMAS, Michael (California Institute of Technology); AVERY, Paul (University of Florida); CAVANAUGH, Richard (University of Florida)

Presenter: RANKA, Sanjay (University of Florida)

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