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## **Job Submission & Monitoring on the PHENIX Grid\***

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The PHENIX collaboration records large volumes of data for each experimental run (now about 1/4 PB/year). Efficient and timely analysis of this data can benefit from a framework for distributed analysis via a growing number of remote computing facilities in the collaboration. The grid architecture has been, or is being deployed at most of these facilities.

The experience being obtained in the transition to the Grid infrastructure with minimum of manpower is presented with particular emphasis on job monitoring and job submission in multi cluster environment. The integration of the existing subsystems (from Globus project, from several HEP collaborations), large application libraries, and other software tools to render the resulting architecture stable, robust, and useful for the end user is also discussed.

**Primary authors:** SHEVEL, A. (STATE UNIVERSITY OF NEW YORK AT STONY BROOK); WITHERS, A. (STATE UNIVERSITY OF NEW YORK AT STONY BROOK); JACAK, B. (STATE UNIVERSITY OF NEW YORK AT STONY BROOK); MORRISON, D. (Brookhaven National Laboratory); SOURIKOVA, I. (Brookhaven National Laboratory); REUTER, M. (STATE UNIVERSITY OF NEW YORK AT STONY BROOK); LACEY, R. (STATE UNIVERSITY OF NEW YORK AT STONY BROOK); THOMAS, T. (State University of New Mexico)

**Presenter:** SHEVEL, A. (STATE UNIVERSITY OF NEW YORK AT STONY BROOK)

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