

**Title/Track:** A Survey of “Analytics for Sandia Knowledge (ASK)” Applications and Architecture

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**Abstract:** Analytics for Sandia Knowledge (ASK) was released in 2015 with the purpose of enabling timely, informed, and integrated decisions anytime, anywhere. This exciting new capability has, as its core, an architecture that enables data collection, data federation, data blending, data transformation and data publishing, all within a data virtualization environment. In addition, a set of applications have been deployed, within a mobile-friendly format, which uses this architecture to create actionable information using exciting visualizations, dashboards and interactive reports. In this talk, we will describe the key components of the architecture and show how data is managed, and how it is transformed from original source to value-added information.