

NLIT 2012 Abstract: Lighting up Fermilab's Executive Dashboard ("FermiDash")

Fermi National Laboratory committed to providing an Executive Dashboard ("FermiDash") in its contract with the Department of Energy. Over the past year, a team implemented the first phase of FermiDash. This phase included implementing the infrastructure, a set of dashboards with key performance indicators (KPIs) that support the Laboratory's business areas, management systems, and contractor assurance systems, and the operational structure to continue adding content and features as required for use in future phases. This talk will contain information about:

- Background on the project's objectives and requirements
- A high level review of the architecture and tools being used
- The approach for completing the project
- A review of the dashboard features and functions
- Some lessons learned
- The future phases and what they will deliver

Proposed Track

Business Intelligence / Enterprise Information Management: Data Warehousing; Dashboarding / Reporting / Operational Reporting; Data Mining; Big Data (Hadoop, Pig, Hive, BigTable); Predictive analytics; User-driven Reporting and Analysis; Unstructured Data Management; Enterprise Content Management; Data Integration / ETL; Real-time Data Integration; Kimball vs. Inmon; Data Quality; Master Data Management