

Indo-US Workshop on

Large Scale Data Analytics and Intelligent Services

Sponsored by Indo-US Science & Technology Forum



December 18-20, 2011

Indian Institute of Science, Bangalore

A True Collaborative Effort



India and US Governments

Universities in USA



Indian Universities

Global Industry and Service Providers

OBJECTIVE

- To explore and exploit the magnificent opportunities provided by large scale data analytics in enabling creative services for the Government, Industry, and Society
- To work on intellectually challenging and practically significant problems which require the complementary talents of Indian and US research teams from the universities and the industry
- To set up a well defined collaborative framework to exploit the synergy in the best possible way

OUTLINE

Four Broad Themes

- **Sunday Forenoon:** Enterprise and Business Analytics
- **Sunday Afternoon:** Healthcare and Life Sciences
- **Monday Forenoon:** Web and Social Analytics
- **Monday Afternoon:** Societal Analytics (Education, Learning Technologies, Climate, Food, etc.)
- **Tuesday:** Breakout Sessions and Action Plan

Session Organization

Short, sharp, and crisp talks followed by interactive discussions highlighting

- **Need (Industry, Users)**
- **Current Art (Universities, Research Labs)**
- **Intellectual Challenges**
- **Identifying “Problems” that are best solved only through collaborations and complementary talents**
- **Evolve a meaningful collaborative R&D agenda**

Horizontals and Verticals

- **Horizontals:** machine learning, data mining, information retrieval and extraction, social network analysis, recommender systems, and operations research
- **Verticals:** Enterprise and Business Services, Bench to Bed Services (Healthcare and Life Sciences), Societal Applications such as education, climate, food, etc.

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