**NIST Big Data Public Working Group (NBD-PWD)**

**NBD-PWD-2014/M0307**

**Source: NBD-PWG**

**Status: Draft**

**Title: Use Cases & Req. + Security & Privacy Meeting Agenda for April 29, 2014**

**Author: NBD-PWG Subgroup Co-Chairs**

Meeting logistics**:**

Dial-in Phone: 206-402-0823, Participant code: 272-30-504

Web conferencing tool: <http://nistdd.megameeting.com/guest/#&id=115333>

# Agenda

1. Action Items from April 22, 2014
   1. Expand the interface (or Bottom Up) to include sequence diagram with focus on Big Data Vs scenarios – David
   2. Explore other “Top Down” examples other than query operation – Bob
   3. Start with the graphics prepared by Geoffrey Fox and shared with the group in Jan-Mar this year. Organize the technologies and products listed in the graphics in a Taxonomy tree/graph. The resultant taxonomy can be used for validation of the approach (b) for completeness, etc. – Nancy
2. Use Cases & Requirements + Security & Privacy for V2.0
   1. Any new updates and issues?
3. Use Case Implementation
   1. Team#1 (Drexel University)
      * 1. Project: use Puppet to deploy fingerprint matching algorithm across multiple nodes
        2. Domain POC: Wo Chang
        3. 4 students: each takes on one RA key component (except Data Consumer)
        4. Dataset: NIST’s fingerprint images (<http://www.nist.gov/itl/iad/ig/special_dbases.cfm>
   2. Team#2 (continue to seek volunteers)
      * 1. Project: use Puppet to deploy outlier algorithms across multiple nodes
        2. Domain POC: Morris Riedel (Jülich Supercomputing Centre, Germany, Co-Chair of RDA/Big Data Analytics IG)
        3. 3+ students: need volunteers
        4. Dataset: PANGAEA – time-series measurements (earth science data)
4. V1.0 Technical Editing status
   1. Finishing up pre-release version for May 1 INCITS review and discussion
   2. All 7 documents will be submitted (may not be the final version) to JTC 1 SGBD via INCITS NB (National Body)
5. ISO/IEC JTC 1 Study Group on Big Data
   1. Abstract (~300 words) due date for Amsterdam Meeting: May 6, 2014
   2. Full paper due: June 30, 2014
6. NIST Big Data Workshop and IEEE Big Data Conference
   1. NIST Big Data Workshop for V2.0 – at NIST, June 24, 2014
      1. Present, discuss, comments on NBD V2.0
   2. IEEE Big Data 2014 Call for Papers, Washington DC, Oct. 27 -30, 2014

**Industrial Track**  
The Industrial Track solicits papers describing implementations of Big Data solutions relevant to industrial settings. The focus of industry track is on papers that address the practical, applied, or pragmatic or new research challenge issues related to the use of Big Data in industry. We accept full papers (up to 10 pages) and extended abstracts (2-4 pages).  
**Important Dates:**  
Electronic submission of full papers: July 1, 2014  
Notification of paper acceptance: Aug 24, 2014  
Camera-ready of accepted papers: Sept 25, 2014  
Conference: October 27-30, 2014

**Industry and Government Program Committee Chair**Mr. Wo Chang, National Institute of Standard and Technology, USA  
Dr. RaghunathNambiar, Cisco Systems Inc, USA