

Special IBM Workshop and Training

Enabling end-to-end solutions for Big Data Scientific Discovery with DELTA, powered by the IBM Platform Software and the IBM Bluemix Cloud Platform and IBM Watson

Training Information

Date : July 6th – 7th

Location : LSU CCT Digital Media Center Theater (1st floor)

RSVP : Nayong Kim (nykim@cct.lsu.edu)

Further Information : <http://delta.cct.lsu.edu>

Agenda

Day 1 (July 6th)

- **Session I. (CCT/IBM)**
 - ① 9-10 am : Opening statement
 - ② 10-11:30 : Use case scenarios of DELTA for domain topics
 - i. Data analytics demo for Twitter data with NodeRED, SPARK, and Watson (Shayan Shams, CCT)
 - ii. PAC-based bioinformatics services (John Caskey, CCT)
 - ③ 11:30-12:00 : Q and A
- **Lunch n Learn** (12:00 – 1:00 pm) : IBM Weather.com presentation on how LSU can utilize the weather data for big data projects.
- **Session II. (IBM) : 1:00-4:00 pm**
 - ① Overview of IBM Life Sciences/Genomics Initiatives, Use Cases and Collaboration (Frank Lee, IBM)
 - ② Update: tranSMART/eEA
 - ③ Introduction of IBM Conductor and IBM Platform software (Eric Fiala, IBM)

Day 2 (July 7th)

- **Session III. (IBM) : 9:00 am – 12:00 pm** (Deep-dive training)
 - ① LSF/RTM (Larry Adam, IBM)
 - ② PAC/PPM (Kinson Chik, IBM)
 - ③ Genomics Pipeline (Joanna Wong & Eric Fiala, IBM)
- **Lunch Break** (12:00 – 1:00 pm)
- **Session IV. : 1:00 pm - 4:00 pm**

Afternoon: hands-on sessions between IBM SMEs and LSU users