

**National Science Foundation Industry/University Cooperative Research
Center for Dynamic Data Analytics (CDDA)
Spring 2013 Workshop and Industrial Advisory Board Meeting**

March 13 & 14, 2013

CEWIT Building, 1500 Stony Brook Road, Stony Brook, NY 11794-6040

Wednesday, March 13, 2013 (Open to All Participants)

- 12:00-1:00 *Registration, Check-In and Lunch (Lobby)***
- 1:00-1:15 *Welcome from Stony Brook University Administrators (Room 200)***
Dr. Benjamin Hsiao, Vice President for Research, Stony Brook University
Dr. Yacov Shamash, Vice President for Economic Development and Dean,
College of Engineering and Applied Sciences, Stony Brook University
- 1:15-1:45 *CDDA Vision, Capabilities, and Status Update (Room 200)***
CDDA's goals, importance and value for industry and government partners,
highlights of university capabilities supporting CDDA –
CDDA Directors: Dr. Arie Kaufman and Dr. Dimitris Metaxas
- 1:45-2:15 *Big Data: Business Not As Usual (Room 200)***
Debra Danielson, Senior Vice President, M&A Strategy & Distinguished
Engineer, CA Technologies
- 2:15-2:45 *Vertebral Deformity Assessment Methodologies and Technologies (Room 200)***
Colin Miller, Senior Vice President, Medical Affairs, BioClinica
- 2:45-3:00 *Coffee Break (Lobby)***
- 3:00-3:20 *Project Presentation 1 (Stony Brook)***
Eliminating the Data Ingestion Bottleneck in Big Data Applications – Dr. Michael
Bender/Dr. Rob Johnson
- 3:20-3:30 *Q&A and LIFE Forms***
- 3:30-3:50 *Project Presentation 2 (Rutgers)***
Sparse Learning Methods and Its Applications in Computer Vision and Medical
Imaging – Dr. Dimitris Metaxas
- 3:50-4:00 *Q&A and LIFE Forms***
- 4:00-4:20 *Project Presentation 3 (Stony Brook)***
In Search of Styles in Language: Identifying Deceptive Reviews, Vandalism, and
Author Profiles via Statistical Stylometry – Dr. Yejin Choi

- 4:20-4:30 Q&A and LIFE Forms**
- 4:30-5:00 Discussions on Industry Challenges and Possibilities within CDDA (Room 200)**
- 5:00-5:45 Poster Session (Lobby)
Lab Tour and Demos (Virtual Reality Lab, Augmented Reality Lab, Reality Deck, Web Accessibility Lab, Sentiment Analysis Lab & Data Center)**
- 6:00-8:00 Dinner at the Sunwood Estate, Old Field, NY 11733**

Thursday, March 14, 2013

- 8:15-9:00 Registration, Check-In and Continental Breakfast (Lobby)**
- 9:00-9:30 NSF Industry/University Cooperative Research Centers (I/UCRC) Program (Room 200)**
I/UCRC goals, policies, membership agreement, and IP issues – presented by Dr. Rita Rodriguez and Dr. Alex Schwarzkopf from NSF
- 9:30-9:45 Center Status Update and Workshop Day One Summary (Room 200)**
CDDA Directors: Dr. Arie Kaufman and Dr. Dimitris Metaxas
- 9:45-10:00 How Does the Industry/University Partnership Work (Room 200)**
CDDA IAB Chair: Dr. Steven Greenspan (CA Technologies)
- 10:00-10:20 Project Presentation 4 (Rutgers)**
Towards Robust and Scalable Medical Image Informatics – Dr. Shaoting Zhang
- 10:20-10:30 Q&A and LIFE Forms**
- 10:30-10:45 Coffee Break (Lobby)**
- 10:45-11:05 Project Presentation 5 (Stony Brook)**
Fast and Reliable Information-Theoretic Anomaly Detection and Description – Dr. Leman Akoglu
- 11:05-11:15 Q&A and LIFE Forms**
- 11:15-11:35 Project Presentation 6 (Rutgers):**
Distributed Learning of Probabilistic Models – Dr. Vladimir Pavlovic
- 11:35-11:45 Q&A and LIFE Forms**
- 11:45-12:45 Lunch & Poster Session (Lobby)**
- 12:45-1:45 Lab Tour and Demos (Virtual Reality Lab, Augmented Reality Lab, Reality Deck, Web Accessibility Lab, Sentiment Analysis Lab & Data Center)**

- 1:45-2:05** ***Project Presentation 7 (Stony Brook):***
Knowledge Representation, Acquisition and Querying of Institutional Knowledge
– Dr. Paul Fodor
- 2:05-2:15** ***Q&A and LIFE Forms***
- 2:15-2:35** ***Project Presentation 8 (Rutgers):***
Mining Massive Graphs for Actionable Knowledge – Dr. Tina Eliassi-Rad
- 2:35-2:45** ***Q&A and LIFE Forms***
- 2:45-3:00** ***Concluding Remarks and Best Poster Award (Room 200)***
CDDA Directors: Dr. Dimitris Metaxas and Dr. Arie Kaufman, CDDA IAB Chair:
Dr. Steven Greenspan (CA Technologies), CDDA IAB Co-Chair Dr. Xiaoyou Ying
(Sanofi)
- 3:00-4:00** ***Summary of LIFE Form Feedbacks and Discussion on Next Steps (IAB
Members Only)***
CDDA Directors: Dr. Dimitris Metaxas and Dr. Arie Kaufman, CDDA Evaluator:
Dr. Connie Chang