Rutgers Workshop on Big Data: Theoretical Foundation of Big Data

Department of Statistics, Department of Computer Science
Rutgers, The State University of New Jersey
Thursday, October 16, 2014
CoRE Auditorium, Busch Campus, Rutgers University, Piscataway, NJ

Program

12:15pm – 12:45pm: Lunch
12:45pm – 1:05pm: Welcome and Introduction of Big Data Research at Rutgers
   Regina Liu, Chair, Department of Statistics and Biostatistics, Rutgers University
   Dimitris Metaxas, Chair, Department of Computer Science, Rutgers University
   Ping Li, Department of Statistics, Department of Computer Science

1:05pm – 2:00pm:
   Chair: Mario Szegedy, Rutgers University
   Speaker: Mikkel Thorup, University of Copenhagen
   “The Power of Tabulation Hashing”

2:00pm – 2:55pm:
   Chair: Lee Dicker, Rutgers University
   Speaker: Dean Foster, Yahoo Labs, NYC & University of Pennsylvania
   “Stepwise Regression: The Red-headed Stepchild of Statistics”

2:55pm – 3:15pm: Coffee Break

3:15pm – 4:10pm:
   Chair: Dan Yang, Rutgers University
   Speaker: Eric Xing, Carnegie Mellon University
   “On Data Parallelism and Model Parallelism for Large Scale Machine Learning”

4:10pm – 5:05pm:
   Chair: Rebecca Wright, Rutgers University
   Speaker: Robert Schapire, Microsoft Research & Princeton University
   “A Fast and Simple Algorithm for the Contextual Bandits Problem”