

## REGISTRATION

<http://tinyurl.com/BrownBigDataSymposiumRSVP>

By: Wednesday, April 10, 2013

## DIRECTIONS TO THE WATSON CIT BUILDING

- From I-95, take Exit 22A, Downtown, Memorial Boulevard.
- At the fifth traffic light, turn left onto College Street. Cross the bridge and proceed up the hill following College Street to the end.
- At the top of the hill, where College Street intersects with Prospect Street, you will see Brown's Van Wickle Gates. Turn left onto Prospect Street.
- At the next light, turn right onto Waterman Street. At the third light is Brook Street. Computer Science (CIT) is the red and tan brick building on the right.
- For visitor parking turn right onto Brook Street. The lot will be on your immediate left.
- The front of our building is on the other side, facing a quadrangle.
- Event registration is on the third floor.

## PARKING

Brown has a Visitor Parking Lot across the street from the CIT on Brook Street; this lot charges \$3 an hour with a maximum of \$15 (enter 5 hours) for the day. On-street parking can also be found in the vicinity but beware of ticketing.



The Industrial Partners Program (IPP) provides a formal mechanism for interactions between companies and students in the Brown Department of Computer Science. Member companies benefit from superior visibility in the Department, exclusive access to event/interview space in the CIT Building and assistance with recruiting events; students benefit from specific information about opportunities for summer internships and permanent employment. Opportunities are also available for partner companies to form research collaboration with our top-notch faculty.

The Department wishes to thank our industrial partners:

### Premier Partner

Adobe

### Affiliates

Facebook • Google • GTECH • Jane Street Capital • Microsoft • Oracle • SIG • TripAdvisor • Twitter • TwoSigma • Yelp • Zynga

### Start-Up Supporters

10Gen/MongoDB • Cloudera • Delphix • DropBox • GreenBytes • pMDsoft • VoltDB

### Individuals

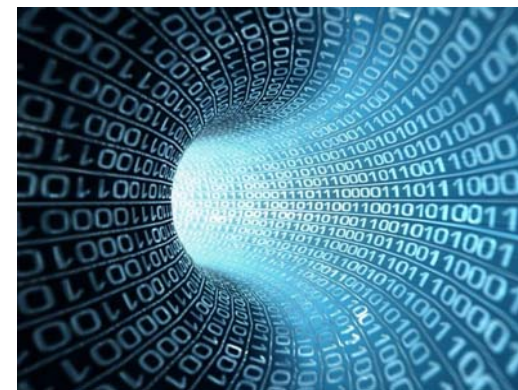
Paul Edelman, Edelman & Associates  
Robert Khoury, WWFIRS, LLC

To learn more about the Industrial Partners Program, contact:

Amy Tarbox, Program Manager  
Telephone: 401-863-7610  
[abt@cs.brown.edu](mailto:abt@cs.brown.edu)

Thursday, April 25, 2013  
8:30 AM – 6:00 PM  
Room 368  
Watson Center for  
Information Technology

# Putting Big Data to Work



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BROWN UNIVERSITY  
DEPARTMENT OF COMPUTER SCIENCE  
INDUSTRIAL PARTNERS PROGRAM  
45<sup>th</sup> SYMPOSIUM

HOSTED BY  
TIM KRASKA & UGUR CETINTEMEL

<http://tinyurl.com/BrownIPPSymposium>

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This symposium will explore recent developments in Big Data management and bring together domain experts and scholars from industry and academia to discuss their data challenges and solutions.

8:30-9:00	Breakfast, Registration & Welcoming Remarks
9:00-9:30	Tim Kraska
9:30-10:00	Nadathur Satish
10:00-10:30	Amr Awadallah
10:30-10:40	Break
10:40-11:00	Fabio Vandin
11:00-11:20	Andrew Ferguson
11:20-11:40	Matteo Riondato
11:40-12:00	Mike Hughes & Dae Il Kim
12:00-1:30	Lunch
1:30-2:00	Piero P Bonissone
2:00-2:30	Daniela Florescu
2:30-3:00	Ionnis Tollis
3:00-3:10	Break
3:10-3:30	Casey Dunn
3:30-3:50	Meenakshi Narain
3:50-4:10	Thomas Trikalinos
4:10-4:20	Break
4:20-4:40	Derek Aguiar
4:40-5:00	Andy Pavlo
5:00	Panel Discussion & Cocktail Reception

#### **TIM KRASKA**

**Brown CS Department Professor**

*MLbase: A Distributed Machine-learning System*

#### **NADATHUR SATISH**

**Intel Labs**

*Big Data on Big Machines: Challenges and Opportunities*

#### **AMR AWADALLAH**

**Cloudera**

*Key Usage Patterns for Apache Hadoop in the Enterprise.*

#### **FABIO VANDIN**

**Brown CS Research Faculty**

*Identifying Significant Mutations in Large Cohorts of Cancer Genomes*

#### **ANDREW FERGUSON**

**Brown CS Department, PhD Student**

*Jockey: Guaranteed Job Latency in Data Parallel Clusters*

#### **MATTEO RIONDATO**

**Brown CS Department, PhD Student**

*Statistical Learning Theory meets Knowledge Discovery: Randomized Algorithms for Big Data Analytics*

#### **MIKE HUGHES & DAE IL KIM**

**Brown CS Department, PhD Students**

*Scaling Nonparametric Learning with Online Variational Inference*

#### **PIERO P BONISSONE**

**GE Global Research**

*Analytics, Cloud computing and Crowdsourcing: How to destroy my job*

#### **DANIELA FLORESCU**

**Oracle**

*Big Queries, not (only) Big Data*

#### **IOANNIS TOLLIS**

**ICS-FORTH**

*Graph Analysis and Visualization for Brain Function Characterization Using EEG Data*

#### **CASEY DUNN**

**Brown University Professor, Evolutionary Biology**

*Just because we have big data doesn't mean we have the right data*

#### **MEENAKSHI NARAIN**

**Brown University Professor, Physics**

*Harnessing the Data Tsunami at the Large Hadron Collider*

#### **THOMAS TRIKALINOS**

**Brown University Professor, Health Services, Policy & Practice**

*Evidence-Based Medicine, the Clinical Data Deluge, and Machine Learning*

#### **DEREK AGUIAR**

**Brown CS Department, PhD Student**

*Ome sweet ome: the genome as a model for big data*

#### **ANDY PAVLO**

**Brown CS Department, PhD Student**

*"Cache Rules Everything Around Me"*