

# DATA SCIENCES SUMMER INSTITUTE

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

MAY 24 – JULY 2, 2010



ILLINOIS

MIAS.ILLINOIS.EDU/DSSI

## About DSSI

The 2010 Data Sciences Summer Institute (DSSI) is a 6-week long study in Data Science areas. This summer program consists of an intensive class in the mathematical foundations of Data Sciences, tutorials on advanced Data Science topics and collaborative research projects. The DSSI weaves together mathematical foundations, applications, and research via four coordinated activities:

- **Core Course:** An intensive course in the mathematical foundations of Data Science
- **Advanced Tutorials** on active research areas in Data Sciences given by leading researchers
- **Expert Speaker Series:** Represented are corporate, academic, & industrial researchers from around the country
- **Research Project:** A significant group research project relating to any one of the bodies of knowledge covered in the summer institute

## Research Areas

- Databases and Information Integration
- Machine Learning, Natural Language Processing, and Information Extraction
- Computer Vision
- Information Retrieval & Web Information Access
- Knowledge Discovery in Social & Information Networks

## Who can Apply

- College Junior or Senior Computer Science Students (majors or minors) and beginning Graduate students currently enrolled in U.S. universities.
- Students should show strong academic performance and must have sufficient mathematical and programming experience.

## How to Apply

- Please apply online at [mias.illinois.edu/dssi](http://mias.illinois.edu/dssi)  
For full consideration, apply by March 31, 2010

## Financial Aid

- Room, board and stipend will be provided to qualified students.

## Contact Information

- If you have any questions, please contact us at:  
[DSSI-cs@illinois.edu](mailto:DSSI-cs@illinois.edu)