

Distinguished Lecture Series

2011-2012

11:00 a.m.

Bahen Centre for Information Technology, 40 St. George Street, Room 1180, Toronto



Proxemic Interactions: the New Ubicomp?

SEP 20, 2011

Saul Greenberg

PROFESSOR AND NSERC/AITF/SMART TECHNOLOGIES INDUSTRIAL RESEARCH CHAIR IN INTERACTIVE TECHNOLOGIES
DEPARTMENT OF COMPUTER SCIENCE
UNIVERSITY OF CALGARY

Saul Greenberg's research is in the areas of Human Computer Interaction, Computer Supported Cooperative Work, and Ubiquitous Computing. Though a computer scientist by training, Prof. Greenberg's research reflects the cross-disciplinary nature of these areas. Prof. Greenberg was awarded a University Professorship by the University of Calgary in recognition of his research excellence. In 2007, he received the CHCCS Achievement award and was elected to the ACM CHI Academy in 2005 for his overall contributions to the field of Human Computer Interaction.



Bringing Web Databases to the Masses

OCT 11, 2011

Alon Halevy

HEAD OF DATABASE RESEARCH GROUP
GOOGLE INC.

Alon Halevy's team develops techniques for enabling a broad class of users to create, visualize, publish, and discover structured data on the Web. Prior to joining Google, Dr. Halevy was a professor of Computer Science at the University of Washington. Dr. Halevy is a Fellow of the Association for Computing Machinery, received the Presidential Early Career Award for Scientists and Engineers in 2000, and was a recipient of the Alfred P. Sloan Fellowship in 1999.



Computational Insights and the Theory of Evolution

NOV 15, 2011

Christos Papadimitriou

C. LESTER HOGAN PROFESSOR OF EECS
COMPUTER SCIENCE DIVISION
UNIVERSITY OF CALIFORNIA AT BERKELEY

Christos Papadimitriou's research focuses on algorithms and complexity, and their applications to optimization, databases, AI, economics, and the Internet. Prior to joining Berkeley in 1996, Prof. Papadimitriou taught at Harvard, MIT, Athens Polytechnic, Stanford, and UCSD. Prof. Papadimitriou holds a PhD from Princeton, and honorary doctorates from ETH (Zurich), Athens Polytechnic, and the Universities of Macedonia, Athens, Cyprus, and Patras. He is a member of the Academy of Sciences of the US, the American Academy of Arts and Sciences, and the National Academy of Engineering, and a fellow of the Association for Computing Machinery.



Computational Thinking

FEB 7, 2012

Jeannette Wing

PRESIDENT'S PROFESSOR OF COMPUTER SCIENCE
AND HEAD COMPUTER SCIENCE DEPARTMENT
CARNEGIE MELLON UNIVERSITY

Jeannette Wing's research is in the areas of trustworthy computing, specification and verification, concurrent and distributed systems, programming languages, and software engineering. Her current interests are on the foundations of trustworthy computing, with a focus on the science of security and privacy. Prof. Wing is a Fellow of the American Academy of Arts and Sciences, American Association for the Advancement of Science, the Association for Computing Machinery, and the Institute of Electrical and Electronic Engineers. From 2007-2010 she was the Assistant Director of the Computer and Information Science and Engineering Directorate at the National Science Foundation.



Machine Learning and AI via Large-Scale Brain Simulation

FEB 28, 2012

Andrew Ng

ASSOCIATE PROFESSOR
AND DIRECTOR OF THE STANFORD AI LAB
COMPUTER SCIENCE DEPARTMENT
STANFORD UNIVERSITY

Andrew Ng's research is in the area of machine learning and AI. His current work focuses on neuroscience-informed deep learning and unsupervised feature learning algorithms. Prof. Ng's research group has won numerous best paper awards at top conferences in machine learning and artificial intelligence. He is a recipient of the Alfred P. Sloan Fellowship, and the 2009 IJCAI Computers and Thought award, a prestigious award recognizing outstanding young scientists in artificial intelligence.



Verification and Control of Hybrid Systems using Reachability Analysis with Machine Learning

MAR 6, 2012

Claire Tomlin

CHARLES A. DESOER CHAIR AND PROFESSOR OF EECS
ELECTRICAL ENGINEERING DIVISION
UNIVERSITY OF CALIFORNIA AT BERKELEY

Claire Tomlin's research is in the area of hybrid systems and control, with applications to air traffic systems, robotics, and biology. She has been honoured with the Erlander Professorship of the Swedish Research Council in 2009, a MacArthur Fellowship in 2006, and the Eckman Award of the American Automatic Control Council in 2003. Prof. Tomlin previously held the positions of Assistant, Associate, and Full Professor at Stanford University from 1998-2007, joining Berkeley in 2005.

Computer Science • University of Toronto

There is no registration for this event. However, seating is limited, so arriving early is recommended. For any questions about the series, contact the department at dcsevents@cs.toronto.edu or 416.978.3619.

www.cs.toronto.edu