## Google Research Awards - December 2010

### **Economics and market algorithms**

Mohammad Taghi Hajiaghayi, University of Maryland, College Park Marc Suchard, University of California, Los Angeles

#### **Education innovation**

Rafael Calvo, University of Sydney
Sandeep Gupta, Arizona State University
Tracy Hammond, Texas A&M University
David Janzen, Cal Poly - San Luis Obispo
Daphne Koller, Stanford University
Wen-jun Li, Mao-lin Pan, Qing Wang and Ya-bo Xu, Sun Yet-Sen University
James Palmer, Northern Arizona University
Elliot Soloway, University of Michigan

#### Geo/maps

Daniel Aliaga, Purdue University
Tim McCarthy, National University of Ireland, Maynooth
Peter Sramek, OCAD University
Chi Keung Tang, The Hong Kong University of Science and Technology

#### Health

Jiten Chhabra, Georgia Institute of Technology John Jakicic, University of Pittsburgh Abby King, Stanford University Elizabeth Mynatt, Georgia Institute of Technology Alex (Sandy) Pentland, Massachusetts Institute of Technology

## **Human computer interaction**

Martin Colbert, Kingston University
Lorrie Cranor, Carnegie Mellon University
Thomas Dietterich, Oregon State University
Jacek Gwizdka, Rutgers, The State University of New Jersey
Bjoern Hartmann, University of California, Berkeley
Gillian Hayes, University of California, Irvine
Craig Kaplan, University of Waterloo
Bilge Mutlu, University of Wisconsin - Madison
Richard Pak, Clemson University
Eve Riskin, University of Washington
Seth Teller, Massachusetts Institute of Technology
Joy Zhang, Carnegie Mellon University

# Information retrieval, extraction and organization

Beth Bloom, Seton Hall University
Paolo Ferragina, University of Pisa
Mitsuru Ishizuka, The University of Tokyo
Victor Lavrenko, University of Edinburgh
Marian Mrozek, Jagiellonian University
Howard Turtle, Syracuse University
Ke Yi, The Hong Kong University of Science and Technology

## Machine learning and data mining

Yonina Eldar, Technion - Israel Institute of Technology Gal Elidan, Hebrew University Sidharth Jaggi, The Chinese University of Hong Kong Fatos Yarman Vural, Middle East Technical University

#### **Machine translation**

Phil Blunsom, University of Oxford

#### Mobile

Yingying Chen, Stevens Institute of Technology
Erik Demaine, Massachusetts Institute of Technology
Prabal Dutta, University of Michigan
Oren Etzioni, University of Washington
Deepak Ganesan, University of Massachusetts, Amherst
Irwin King, The Chinese University of Hong Kong
Iulian Neamtiu, University of California, Riverside
Alexandre Passant, National University of Ireland, Galway
Daniela Rus, Massachusetts Institute of Technology

## Multimedia search and audio/video processing

Narendra Ahuja, University of Illinois at Urbana-Champaign
Brian Barsky, University of California, Berkeley
Bill Freeman, Massachusetts Institute of Technology and Shai Avidan, Tel Aviv University
Yun Fu, State University of New York at Buffalo
Nazli Ikizler-Cinbis, Hacettepe University and Stan Sclaroff, Boston University
Gert R.G. Lanckriet, University of California, San Diego and Antoni B. Chan, City University of
Hong Kong
Qi Tian, University of Texas at San Antonio

Antonio Torralba, Massachusetts Institute of Technology

#### Natural language processing

Stephen Clark, University of Cambridge
Liang Huang, USC Information Sciences Institute
Yuji Matsumoto, Nara Institute of Science and Technology

Mark Stevenson, Sheffield University Daniel Weld, University of Washington

#### Other

Steve Mannheimer, IUPUI School of Informatics

### Policy and standards

Fabian Bustamante, Northwestern University Jerry Goldman, Northwestern University

## Security and privacy

David Brumley, Carnegie Mellon University
Alexander De Luca, University of Munich
Elena Ferrari, University of Insubria
Eva Lothman, Chalmers University of Technology
Max-Emanuel Maurer, University of Munich
David Mazieres, Stanford University
Adrian Perrig, Carnegie Mellon University
Dan Roth, University of Illinois
Nitesh Saxena, Polytechnic Institute of New York University
Nickolai Zeldovich and Hari Balakrishnan, Massachusetts Institute of Technology

### Social systems

Peter Brusilovsky, University of Pittsburgh
Peter Christen, The Australian National University
Aniket Kittur, Carnegie Mellon University
Clifton Oyamot, San Jose State University
Matthew Salganik, Princeton University
Olga Troyanskaya, Princeton University
Andrea Zisman, City University London

#### Software engineering

James Jones, University of California, Irvine Sunghun Kim, The Hong Kong University of Science and Technology Yu (David) Liu, State University of New York, Binghamton Lin Tan, University of Waterloo

#### Software and hardware systems infrastructure

Chris Beck, University of Toronto
Ras Bodik, University of California, Berkeley
David Clark, Massachusetts Institute of Technology
Chita Das, Pennsylvania State University
Greg Ganger, Carnegie Mellon University
Julian Gough, University of Bristol

Joseph Kahn, Stanford University
Jinyang Li, New York University
Robert Morris and Frans Kaashoek, Massachusetts Institute of Technology
Stefano Crespi Reghizzi, Politecnico di Milano - DEI
Injong Rhee, North Carolina State University
Mary Lou Soffa, University of Virginia
S. J. Ben Yoo, University of California, Davis

## Speech

James Glass and Stephanie Seneff, Massachusetts Institute of Technology Dietrich Klakow, Saarland University Hermann Ney, RWTH Aachen University Bhiksha Raj, Carnegie Mellon University

# Structured data and database management

James Cheney, University of Edinburgh
Stefan Dessloch, Kaiserslautern University
Subbarao Kambhampati, Arizona State University
David Karger, Massachusetts Institute of Technology
Christopher Re, University of Wisconsin - Madison
Dan Suciu and Magdalena Balazinska, University of Washington