

Google Faculty Research Awards – July 2012

Economics and market algorithms

Joan Feigenbaum, Yale University, and John Byers, Boston University
Michael D. Smith, Carnegie Mellon University
Ralf Martin, Imperial College Business School, and Antoine Dechezlepretre, London School of Economics
Stefano Leonardi, Sapienza - Università di Roma

Education innovation

Emma Brunskill, Carnegie Mellon University
Frank Boland and Nick Sparrow, Trinity College Dublin, and Cosma Shalizi, Carnegie Mellon University
Fred Martin, University of Massachusetts - Lowell
Paulo Blikstein and Mehran Sahami, Stanford University

Geo/maps

Alexandre Bayen, University of California - Berkeley
Christoph Hoelscher, University of Freiburg, and Daniel Montello, University of California - Santa Barbara
Pieter Peers, College of William and Mary, and Szymon Rusinkiewicz, Princeton University
Thomas Funkhouser, Princeton University

Human-computer interaction

Alan Borning, University of Washington
Allison Druin, University of Maryland - College Park
Andrew Ko, University of Washington
Anita Komlodi, University of Maryland - Baltimore County (UMBC)
Deborah Fels, Ryerson University
Edward Lank, University of Waterloo
Jeremy Birnholtz, Northwestern University
Jordy Kaufman and Mark Finn, Swinburne University of Technology
Shaun Kane, University of Maryland - Baltimore County (UMBC)
Steve Whittaker, University of California - Santa Cruz, and Ofer Bergman, Bar Ilan University

Health

Mark Gaynor, Saint Louis University, and Margo Seltzer, Harvard University

Information retrieval, extraction, and organization

Amelie Marian and Thu D. Nguyen, Rutgers University
Bruce Croft, University of Massachusetts - Amherst, and Mark Sanderson, RMIT University
Daniel Weld, University of Washington
Hans Uszkoreit, Universität des Saarlandes
Stefano Mizzao, University of Udine, and Julio Gonzalo, Universidad Nacional de Educación a Distancia

Machine learning and data mining

Devi Parikh, TTI-Chicago
Francis Bach, Institut national de recherche en informatique et automatique (INRIA)
Hugo Larochelle, University of Sherbrooke
Peter Stone, University of Texas - Austin
Tyler McCormick, University of Washington

Machine perception

Alexei Efros and Abhinav Gupta, Carnegie Mellon University
Eugenio Culurciello, Purdue University, and Yann LeCun, New York University
Fei-Fei Li, Stanford University
Geoffrey Hinton, University of Toronto
Josef Sivic and Ivan Laptev, Institut national de recherche en informatique et automatique (INRIA)
Laurent Itti, University of Southern California
Markus Dickinson and Sandra Kübler, Indiana University - Bloomington
Michael Elad, Technion - Israel Institute of Technology

Machine translation

Benjamin Snyder, University of Wisconsin - Madison
Peter Nabende and Florence Tushabe, Makerere University
Qun Liu, Chinese Academy of Sciences, and Hongying Zan, Zhengzhou University

Mobile

Akos Ledeczi, Vanderbilt University
Arvind Krishnamurthy, University of Washington
Charlie Hu and Samuel Midkiff, Purdue University
Christine Julien, University of Texas - Austin
Jason Nieh, Columbia University
Robin Kravets, University of Illinois - Urbana-Champaign
Vijay Janapa Reddi, University of Texas - Austin

Natural language processing

Claire Cardie and Jeffrey Hancock, Cornell University
David Sontag, New York University
Hsin-Hsi Chen, National Taiwan University
Jacob Eisenstein, Georgia Institute of Technology
Yejin Choi, State University of New York - Stony Brook

Networking

David Clark, Massachusetts Institute of Technology (MIT)
David Walker, Princeton University, and Nate Foster, Cornell University
Fabian Bustamante, Northwestern University
Haitao Zheng, University of California - Santa Barbara
Kenneth Yocum and Alex Snoeren, University of California - San Diego, and David Schneider, Saint Louis University
Vern Paxson, University of California - Berkeley

Other

James Landay, University of Washington, and Yuanchun Shi, Tsinghua University
Ken Perlin, New York University
Randy McIntosh, University of Toronto, and Robert Zatorre, McGill University
Steve Benford and Martin Flinham, The University of Nottingham

Policy and standards

Anupam Chander, University of California - Davis
Haksoo Ko, Seoul National University

Privacy

Gillian Hayes, University of California - Irvine
Hovav Shacham, University of California - San Diego
Pierangela Samarati, Università degli Studi di Milano
Simone Fischer-Hübner, Karlstad University

Security

Alastair Beresford, University of Cambridge
David Brumley, Carnegie Mellon University
Gang Tan, Lehigh University, and Greg Morrisett, Harvard University
Giuseppe Ateniese, Sapienza - Università di Roma
Haibo Chen, Shanghai Jiao Tong University
Ninghui Li, Purdue University

Social networks

Alessandro Panconesi, Sapienza - Università di Roma
Christopher Warren and Michael Finegold, Carnegie Mellon University
Hector Garcia-Molina, Stanford University
Nelly Litvak, University of Twente

Software engineering

Brian Demsky, University of California - Irvine
Edmund Clarke, Carnegie Mellon University
Erik Ernst, Aarhus University
José Pereira, University of Minho
Sebastian Elbaum, University of Nebraska

Speech

Alan W. Black, Carnegie Mellon University
Mehryar Mohri, New York University
Stephen Wright, University of Wisconsin - Madison

Structured data and database management

Arnab Nandi and Srinivasan Parthasarathy, Ohio State University
Christopher Re and Shanan Peters, University of Wisconsin - Madison, and Steven Cooper, Stanford University
Mathias Niepert and Heiner Stuckenschmidt, University of Mannheim, and Jennifer Rexford, Princeton University
Neoklis Polyzotis, University of California - Santa Cruz

Systems (hardware and software)

Alex Dimakis, University of Southern California
Anand Sivasubramaniam and Bhuvan Ugaonkar, Pennsylvania State University
David Andersen, Carnegie Mellon University
David Brooks, Harvard University
Gang-Ryung Uh, Boise State University, and David Whalley, Florida State University
Jignesh Patel, University of Wisconsin - Madison
Luis Ceze and Hank Levy, University of Washington, and John van Reenen, London School of Economics
Steven Gribble, University of Washington
Steven Swanson, University of California - San Diego
Tajana Rosing, University of California - San Diego