Google Faculty Research Awards 2016

Algorithms and Optimization
Adel Javanmard and Hamid Nazerzadeh, University of Southern California
Aleksander Mądry, Massachusetts Institute of Technology
Aditya Bhaskara, University of Utah
Gregory Valiant, Stanford University
Jacek Gondzio, University of Edinburgh
Paolo Ferragina, University of Pisa

Computational Neuroscience
Benedetto De Martino, University College London and Sangwan Lee, Korea Advanced Institute of Science and Technology
Colin Akerman, University of Oxford
Edward Boyden, Massachusetts Institute of Technology
Joel Zylberberg, University of Colorado Denver
Joshua Tenenbaum, Massachusetts Institute of Technology and Samuel Gershman, Harvard University

Cooling and Power
Kenneth Goodson, Stanford University

Geo / Maps
Dimitrios Gunopulos, National and Kapodistrian University of Athens
Moustafa Youssef, Egypt-Japan University of Science and Technology (EJUST)
Pieter Peers, College of William & Mary
Ramin Zabih, Cornell University

Human-Computer Interaction
David Karger, Massachusetts Institute of Technology
Enrico Bertini and Yindalon Aphinyanaphongs, New York University
James Fogarty, University of Washington
Kami Vaniea, University of Edinburgh
Larry Birnbaum, Northwestern University
Matt Huenerfauth, Rochester Institute of Technology

Mor Naaman, Cornell Tech
Ranjitha Kumar, University of Illinois at Urbana-Champaign
Xiaojun Bi, State University of New York Stony Brook

Information Retrieval and Real Time Content
Evangelos Kanoulas, University of Amsterdam
Guido Zuccon, Queensland University of Technology
Luc Van Gool, ETH Zurich
Oren Kurland, Technion Israel Institute of Technology

Machine learning and Data Mining
Daniel Roy, University of Toronto
Francesco Orabona, State University of New York Stony Brook
Ilias Diakonikolas, University of Southern California
Josef Urban, Czech Technical University in Prague
Ken Goldberg, University of California, Berkeley
Martin Jaggi, École Polytechnique Fédérale de Lausanne
Mehryar Mohri, New York University
Nathan Srebro, Toyota Technological Institute at Chicago
Nicholas Lane, University College London
Shimon Whiteson, University of Oxford
Tamara Broderick, Massachusetts Institute of Technology
Tim Roughgarden, Stanford University
Vibhanshu Abhishek, Carnegie Mellon University

Machine Perception
Alexei Efros, University of California, Berkeley
David Bull, University of Bristol
Devi Parikh, Georgia Institute of Technology
Dimosthenis Karatzas, Universitat Autonoma de Barcelona and Andrew Bagdanov, Università degli Studi di Firenze
Florian Metze, Carnegie Mellon University
Francesc Moreno-Noguer, Universitat Politecnica de Catalunya
Ivan Dokmanic, University of Illinois at Urbana-Champaign
Kenneth Rose, University of California, Santa Barbara
Kristen Grauman, University of Texas at Austin
Nick Pears, University of York
Raquel Urtasun, University of Toronto
Robert Platt, Northeastern University
Roland Siegwart, ETH Zurich
Tsachy Weissman, Stanford University
Thomas Sikora, Technical University Berlin and DIW Berlin
Yasutaka Furukawa, Washington University in St. Louis

Yi Yang, University of Technology Sydney

Machine Translation
Graham Neubig, Carnegie Mellon University
Kyunghyun Cho, New York University
Philipp Koehn, Johns Hopkins University

Mobile
Fan Ye, State University of New York Stony Brook
Lakshminarayanan Subramanian, New York University
Paul Groves, University College London
Swarun Kumar, Carnegie Mellon University
Vijay Janapa Reddi, University of Texas at Austin
Vivienne Sze, Massachusetts Institute of Technology

Natural Language Processing
Brendan O'Connor, University of Massachusetts Amherst
David Chiang, University of Notre Dame
Jason Eisner, Johns Hopkins University
Kevin Gimpel, Toyota Technological Institute at Chicago
Milica Gasic, University of Cambridge
Mohit Bansal, University of North Carolina at Chapel Hill
Samuel Bowman, New York University
Taylor Berg-Kirkpatrick, Carnegie Mellon University
Yun-Nung (Vivian) Chen, National Taiwan University

Networking
Chee Wei Wong, University of California, Los Angeles
George Varghese, University of California, Los Angeles
Harsha Madhyastha, University of Michigan
Keith Winstein, Stanford University
Michael Schapira, Hebrew University and Brighten Godfrey, University of Illinois at Urbana-Champaign
Ming Wu, University of California, Berkeley
Phillipa Gill, University of Massachusetts Amherst
Renata Teixeira, INRIA and David Choffnes, Northeastern University
Thomas Anderson, University of Washington
Vishal Misra, Columbia University

Other
Adrian Sampson, Cornell University
Justine Cassell, Carnegie Mellon University
Karen Liu, Georgia Institute of Technology

Pei Zhang and Hae Young Noh, Carnegie Mellon University
Scott Kuindersma, Harvard University

Physical Interfaces and Immersive Experiences
Hugh Herr, Massachusetts Institute of Technology
Leah Findlater and Jon Froehlich, University of Maryland College Park
Scott Hudson, Carnegie Mellon University
Shreyas Sen, Purdue University
Vincent Hayward, University of London

Privacy
Guevara Noubir, Northeastern University
Kamalika Chaudhuri, University of California, San Diego
Mariana Raykova, Yale University
Prateek Mittal, Princeton University
Sewoong Oh, University of Illinois at Urbana-Champaign
Susan Landau, Worcester Polytechnic Institute (WPI)
Yuvraj Agarwal and Jason Hong, Carnegie Mellon University

Quantum and Computing
Antonello Scardicchio, SISSA
Austin Minnich, California Institute of Technology
Clare Yu, University of California, Irvine

Security
Adam Chlipala, Massachusetts Institute of Technology
David Lie, University of Toronto
Michelle L. Mazurek, University of Maryland College Park
Philip Levis, Stanford University
Sarah Meiklejohn, University College London
Sascha Fahl, Saarland University
Suman Jana, Columbia University

Software Engineering and Programming Languages
Anthony Widjaja Lin, University of Oxford
Brad Myers, Carnegie Mellon University
Danny Dig, Oregon State University
Jan Vitek, Northeastern University
Loris D'Antoni, University of Wisconsin-Madison
Tiark Rompf, Purdue University

Speech
Alan W Black, Carnegie Mellon University

Mark Gales, University of Cambridge
Oldřich Plchot, Brno University of Technology
Reinhold Haeb-Umbach, Paderborn University

Structured Data, Extraction, Semantic Graph, and Database Management
Arun Kumar, University of California, San Diego
Immanuel Trummer, Cornell University
Yufei Tao, University of Queensland

Systems (hardware and software)
Christophe Dubach, University of Edinburgh
Dan Ports, University of Washington
David Brooks, Harvard University
Dmitri Strukov, University of California, Santa Barbara
Gernot Heiser, University of New South Wales
James Mickens, Harvard University
Kayvon Fatahalian, Carnegie Mellon University
Lorenzo Alvisi, Cornell University
Mark Hill, Michael Swift, and David Wood, University of Wisconsin-Madison
Martha Kim, Columbia University
Nathan Beckmann, Carnegie Mellon University
Rachit Agarwal, Cornell University
Robbert Van Renesse, Cornell University
Tor Aamodt, University of British Columbia
Wojciech Golab, University of Waterloo

Virtual Reality
Feng Qian, Indiana University Bloomington
Ravi Ramamoorthi, University of California, San Diego
Sean Follmer, Stanford University
Xinyu Zhang, University of Wisconsin-Madison