



Google Faculty Research Awards 2018

Algorithms and Optimization

Arian Maleki, Columbia University

Daniel Hsu, Columbia University

Mohsen Ghaffari, ETH Zurich

Moses Charikar, Stanford University

Negin Golrezaei, Massachusetts Institute of Technology

Ryan Williams, Massachusetts Institute of Technology

Rong Ge, Duke University

Shayan Oveis Gharan, University of Washington

Virginia Vassilevska Williams, Massachusetts Institute of Technology

Yaron Singer, Harvard University

Zhiwei Steven Wu, University of Minnesota

Augmented and Virtual Reality

Antonio Ortega, University of Southern California

Haitham Hassanieh, University of Illinois at Urbana-Champaign

Kenneth Rose, University of California, Santa Barbara

Mahadev Satyanarayanan, Carnegie Mellon University

Oleg Komogortsev, Texas State University

Srinivasan Seshan, Carnegie Mellon University

Computational Neuroscience

Leila Wehbe, Carnegie Mellon University

Leyla Isik, John Hopkins University

Marc Howard, Boston University

Geo

Armin Schwartzman, University of California, San Diego

Cyrus Shahabi, University of Southern California

Damian Miralles, University of Colorado

Dennis Akos, University of Colorado

Human-computer Interaction

Aniket Kittur, Carnegie Mellon University

Bogdan Vasilescu, Carnegie Mellon University
Brad A Myers, Carnegie Mellon University
Darren Gergle, Northwestern University
Gerry Casiez, Université de Lille
Gregory L Whiting, University of Colorado
Haoqi Zhang, Northwestern University
Hong Z. Tan, Purdue University
Jeffrey Bigham, Carnegie Mellon University
Jonathan Lazar, University of Maryland - College Park
Ken Koedinger, Carnegie Mellon University
Leila Takayama, University of California, Santa Cruz
Mathieu Nancel, INRIA
Philip Guo, University of California, San Diego

Information retrieval and real time content

Jeff Dalton, University of Glasgow
Shane Culpepper, RMIT University
Tao Yang, University of California, Santa Barbara
Thorsten Joachims, Cornell University

Machine learning and data mining

Alexander Rakhlin, Massachusetts Institute of Technology
Armando Solar-Lezama, Massachusetts Institute of Technology
Benjamin Moseley, Carnegie Mellon University
David Duvenaud, University of Toronto
Flavio du Pin Calmon, Harvard University
Gergely Neu, Universitat Pompeu Fabra
Gregory Valiant, Stanford University
Le Song, Georgia Institute of Technology
Ludovic Righetti, New York University
Mahsa Shoaran, Cornell University
Mikhail Belkin, Ohio State University
Peter Bartlett, University of California, Berkeley
Pieter Abbeel, University of California, Berkeley
Volkan Cevher, Ecole Polytechnique Federale de Lausanne
Zaid Harchaoui, University of Washington

Machine Perception

Bastian Leibe, RWTH Aachen University of Technology
Deborah W Anderson, University of California, Berkeley
Fengqing Maggie Zhu, Purdue University
Gerard Pons-Moll, Max Planck Institute
Hany Farid, University of California, Berkeley

Jana Kosecka, George Mason University
Jia-Bin Huang, Virginia Polytechnic Institute
Lei Xing, Stanford University
Luisa Verdoliva, University of Napoli Federico
Qifeng Chen, The Hong Kong University of Science and Technology
Salman Asif, University of California, Riverside
Siwei Lyu, State University of New York
Sven Behnke, Rheinische Friedrich-Wilhelms-Universität Bonn
Svetlana Lazebnik, University of Illinois at Urbana-Champaign
Vivienne Sze, Massachusetts Institute of Technology
Xavier Serra, Universitat Pompeu Fabra
Yao Wang, New York University

Machine Translation

Gholamreza Haffari, Monash University
Marta R. Costa-jussa, Universitat Politecnica de Catalunya

Mobile

Aparna Chandramowliswaran, University of California, Irvine
Junchen Jiang, University of Chicago
Onur Mutlu, ETH Zurich
Thomas Ploetz, Georgia Institute of Technology

Natural Language Processing

Anna Korhonen, University of Cambridge
Chris Callison-Burch, University of Pennsylvania
Claire Cardie, Cornell University
Emily Falk, University of Pennsylvania
Eneko Agirre, University of the Basque Country
Joshua Tenenbaum, Massachusetts Institute of Technology
Katrin Erk, University of Texas at Austin
Mari Ostendorf, University of Washington
Raymond J Mooney, University of Texas at Austin
Roi Reichart, Technion - Israel Institute of Technology
Roger Levy, Massachusetts Institute of Technology
Tal Linzen, John Hopkins University

Networking

Alberto Peruzzo, RMIT University
Brent Stephens, University of Illinois at Chicago
Hassan Habibi Gharakheili, University of New South Wales
James Mickens, Harvard University
Justine Sherry, Carnegie Mellon University

Roch Guerin, Washington University in St. Louis
Vijay Sivaraman, University of New South Wales

Other

Aravind Srinivasan, University of Maryland - College Park
Aviv Tamar, Technion - Israel Institute of Technology
Daniel Lee, Cornell University
John Brownstein, Harvard University
John P Dickerson, University of Maryland - College Park
Mozziyar Etemadi, Northwestern University
Michael Posa, University of Pennsylvania
Mozziyar Etemadi, Northwestern University
Rafael Gomez-Bombarelli, Massachusetts Institute of Technology
Sangbae Kim, Massachusetts Institute of Technology
Sebastian Risi, IT University of Copenhagen
Shmuel Rubinstein, Harvard University
Tushar Krishna, Georgia Institute of Technology
William Wang, University of California, Santa Barbara
Yoav Artzi, Cornell University

Physical Interfaces

Melody M Jackson, Georgia Institute of Technology

Privacy

Abhradeep Guha Thakurta, University of California, Santa Cruz
Hong-Sheng Zhou, Virginia Commonwealth University
Jayadev Acharya, Cornell University
Marina Blanton, State University of New York - Buffalo
Narseo Vallina-Rodriguez, International Computer Science Institute
Qiang Tang, New Jersey Institute of Technology
Raef Bassily, Ohio State University
Rishab Nithyanand, University of Iowa
Sepideh Ghanavati, University of Maine
Vitaly Shmatikov, Cornell University

Quantum Computing

Achim Kempf, University of Waterloo
Armando Rastelli, Johannes Kepler University Linz
Bartłomiej Gardas, Jagiellonian University
Hideo Mabuchi, Stanford University
Kristel Michielsen, RWTH Aachen University of Technology
Matthew Bell, University of Massachusetts
Marek Rams, Jagiellonian University

Shay Hacothen-Gourgy, Technion - Israel Institute of Technology
Simone Montangero, Padova University
Vladimir Manucharyan, University of Maryland - College Park

Security

Ajay Joshi, Boston University
Alessandro Chiesa, University of California, Berkeley
Amit Levy, Princeton University
David Wagner, University of California, Berkeley
Franziska Roesner, University of Washington
Manuel Egele, Boston University
Roxana Geambasu, Columbia University

Speech

Emmanuel Dupoux, École Normale Supérieure
Ewan Dunbar, Université Paris Diderot
Herman Kamper, Stellenbosch University
Micha Elsner, Ohio State University
Reinhold Haeb-Umbach, University of Paderborn
Shinji Watanabe, John Hopkins University

Software Engineering and Programming Languages

Brian Demsky, University of California, Irvine
Joseph Devietti, University of Pennsylvania
Michael Carbin, Massachusetts Institute of Technology
Rastislav Bodik, University of Washington
Ryan Newton, Indiana University Bloomington
Saman Amarasinghe, Massachusetts Institute of Technology

Structured Data

Eamonn Keogh, University of California, Riverside
Guoliang Li, Tsinghua University
Immanuel Trummer, Cornell University
Xiang Ren, University of Southern California
Zhifeng Bao, RMIT University

Systems

Ajitesh Srivastava, University of Southern California
Ankit Singla, ETH Zurich
Boris Grot, University of Edinburgh
Calvin Lin, University of Texas at Austin
Christina Delimitrou, Cornell University
Daniel Sanchez, Massachusetts Institute of Technology

Hadi Esmaeilzadeh, University of California, San Diego
Jason Cong, University of California, Los Angeles
Jian Huang, University of Illinois at Urbana-Champaign
Mattan Erez, University of Texas at Austin
Michael L. Scott, University of Rochester
Mohammad Hajiesmaili, University of Massachusetts - Amherst
Nathan Beckmann, Carnegie Mellon University
Pedro Fonseca, Purdue University
Rajeev Balasubramonian, University of Utah
Sandhya Dwarkadas, University of Rochester
Sarita Adve, University of Illinois at Urbana-Champaign
Shobha Vasudevan, University of Illinois at Urbana - Champaign
Taesoo Kim, Georgia Institute of Technology
Viktor Prasanna, University of Southern California
Zhiru Zhang, Cornell University