

SDSI 2017 Spring Workshops Bios

Euan Ashley

Associate Professor of Medicine (Cardiovascular), of Genetics, of Biomedical Data Science

Born in Scotland, Dr. Ashley graduated with 1st class Honors in Physiology and Medicine from the University of Glasgow. He completed medical residency and a PhD in molecular physiology at the University of Oxford before moving to Stanford University where he trained in cardiology and advanced heart failure, joining the faculty in 2006. His group is focused on the science of precision medicine. In 2010, he led the team that carried out the first clinical interpretation of a human genome. The paper published in the Lancet was the focus of over 300 news stories, became one of the most cited articles in clinical medicine that year, and was featured in the Genome Exhibition at the Smithsonian in DC. The team extended the approach in 2011 to a family of four and now routinely applies genome sequencing to the diagnosis of patients at Stanford Hospital where Dr. Ashley directs the Clinical Genome Service and the Center for Inherited Cardiovascular Disease. At a national level, Dr. Ashley is co-chair of the steering committee of the NIH Undiagnosed Diseases Network. He is recipient of the National Innovation Award from the American Heart Association as well as an NIH Director's New Innovator Award. He is Senior Associate Editor of Circulation Cardiovascular Genetics. Dr. Ashley is Principal Investigator of the MyHeart Counts study, developed in collaboration with Apple in 2015, and one of the fastest recruiting studies ever launched. In 2016, he was part of the winning team of the \$75M One Brave Idea competition. He is co-founder of Personalis Inc., a genome scale genetic diagnostics company. In 2013, Dr. Ashley was recognized by the White House Office of Science and Technology Policy for his contributions to Personalized Medicine.



Peter Bailis

Assistant Professor of Computer Science

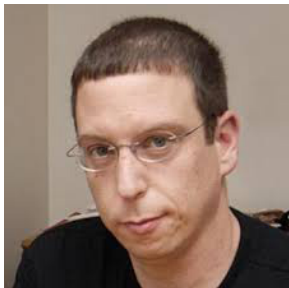
Peter Bailis is an Assistant Professor of Computer Science at Stanford University. Peter's research in the Future Data Systems group focuses on the design and implementation of next-generation, post-database data-intensive systems. His work spans large-scale data management, distributed protocol design, and architectures for high-volume complex decision support. He is the recipient of an NSF Graduate Research Fellowship, a Berkeley Fellowship for Graduate Study, best-of-conference citations for research appearing in both SIGMOD and VLDB, and the CRA Outstanding Undergraduate Researcher Award. He received a Ph.D. from UC Berkeley in 2015 and an A.B. from Harvard College in 2011, both in Computer Science.



Dan Boneh

Professor of Computer Science and Electrical Engineering

Professor Dan Boneh heads the applied cryptography group at the Computer Science department at Stanford University. Professor Boneh's research focuses on applications of cryptography to computer security. His work includes cryptosystems with novel properties, web security, security for mobile devices, digital copyright protection, and cryptanalysis. He is the author of over a hundred publications in the field and a recipient of the Packard Award, the Alfred P. Sloan Award, and the RSA award in mathematics. Last year Dr. Boneh received the Ishii award for industry education innovation. Professor Boneh received his PhD from Princeton University and joined Stanford in 1997.



Emma Brunskill

Assistant Professor of Computer Science

Emma Brunskill is an Assistant Professor of Computer Science at Stanford University. She is a Rhodes Scholar, a Microsoft Faculty Fellow, a NSF CAREER awardee and an ONR Young Investigator Program recipient. Her work focuses on interactive machine learning and reinforcement learning, with a particular focus on algorithms for high stakes domains like healthcare, education and consumer interactions.



Steve Eglash

Executive Director of Strategic Research Initiatives, Computer Science



Steve Eglash is Executive Director of Strategic Research Initiatives in the Computer Science Department at Stanford University. Steve structures and manages research programs, bridging research and industry, working to improve the impact and relevance of academic research at Stanford. He is executive director of the Stanford Data Science Initiative (Stanford's university-wide program on big data), Artificial Intelligence Lab, Secure Internet of Things Project, and Stanford AI Lab-Toyota Center for Artificial Intelligence Research. Steve is a member of the Stanford Computer Science Strategic Planning Committee (2017), a member of the advisory committee for the Stanford Center for Population Health Sciences, Co-Chair of the SLAC National Accelerator LabStanford Energy Task Force (2014), and a member of the SLAC-Stanford Energy Task Force (2011). Steve is an associate member of the National Academies Panel on multiple data sources. He was founding executive director of Stanford's Energy & Environment Affiliates Program and architect of the Bay Area Photovoltaic Consortium, a US Department of Energy-funded research organization. Steve received a PhD and MS from Stanford University, and a BS from the University of California at Berkeley, all in Electrical Engineering. He is a Fellow of the SPIE, a former Board member of the MRS, and a member of ACM, IEEE, MRS, OSA, and SPIE. Steve is chair of the Santa Clara University College of Arts & Sciences Leadership Board. He is a former Utilities Commissioner for the City of Palo Alto. Steve has been involved in humanitarian projects such as the Tech Museum Awards for Technology Benefiting Humanity.

Stefano Ermon

Assistant Professor of Computer Science



Stefano Ermon is currently an Assistant Professor in the Department of Computer Science at Stanford University, where he is affiliated with the Artificial Intelligence Laboratory and the Woods Institute for the Environment. He completed his PhD in computer science at Cornell in 2015. His research interests include techniques for scalable and accurate inference in graphical models, statistical modeling of data, large-scale combinatorial optimization, and robust decision making under uncertainty, and is motivated by a range of applications, in particular ones in the emerging field of computational sustainability. Stefano has won several awards, including two Best Student Paper Awards, one Runner-Up Prize, and a McMullen Fellowship.

Peter Gunder

Chief Business Development Officer, American Family Insurance



Peter Gunder joined the American Family Insurance Group in 2008. "AmFam" is a top 10 personal lines auto and homeowners insurer. Its brands include The General and American Family. In January 2013, Peter was named Executive Vice President responsible for product management for home and auto insurance, enterprise strategy, mergers and acquisition, investments and innovation. In January 2014 he was named Chief Business Development Officer. He is the executive responsible for American Family Ventures. He is a board observer for startup Clearcover and CoverHound and a board member of Gen.Life. Before joining American Family, Peter was co-founder, chief investment officer and managing director of Cardinal Investment Advisors in Chicago. Peter earned a bachelor's degree in mechanical engineering from Stanford University, later receiving an MBA in Finance from the University of Chicago Graduate School of Business. He is a chartered financial analyst.

Jeff Hancock

Professor of Communication

Jeff Hancock is a Professor in the Department of Communication at Stanford University. Professor Hancock and his group work on understanding psychological and interpersonal processes in social media. The team specializes in using computational linguistics and experiments to understand how the words we use can reveal psychological and social dynamics, such as deception and trust, emotional dynamics, intimacy and relationships, and social support. Recently Professor Hancock has begun work on understanding the mental models people have about algorithms in social media, as well as working on the ethical issues associated with computational social science. Professor Hancock was a Customs Officer in Canada before earning his PhD in Psychology at Dalhousie University, Canada. He was a Professor of Information Science and Communication at Cornell prior to joining Stanford .



Dan Jurafsky

Professor and Chair of Linguistics; Professor of Computer Science

Dan Jurafsky is Professor and Chair of Linguistics and Professor of Computer Science at Stanford University. He is the recipient of a 2002 MacArthur Fellowship, is the co-author with Jim Martin of the widely-used textbook “Speech and Language Processing”, and co-created with Chris Manning one of the first massively open online courses, Stanford’s course in Natural Language Processing. His trade book “The Language of Food: A Linguist Reads the Menu” came out on September 15, 2014, and was a finalist for the 2015 James Beard Award. Dan received a BA in Linguistics in 1983 and a PhD in Computer Science in 1992 from the University of California at Berkeley, was a postdoc 1992-1995 at the International Computer Science Institute, and was on the faculty of the University of Colorado, Boulder until moving to Stanford in 2003. His research ranges widely across computational linguistics; special interests include natural language understanding, machine translation, spoken language and conversation and the relationship between human and machine processing.



Jure Leskovec

Associate Professor of Computer Science

Jure Leskovec is an Associate Professor of Computer Science at Stanford University where he is a member of the InfoLab and the AI lab. He joined the department in September 2009. He is also working as Chief Scientist at Pinterest, where he focuses on machine learning problems. He co-founded Kosei, a machine learning startup, acquired by Pinterest. In 2008/09 he was a postdoctoral researcher at Cornell University working with Jon Kleinberg and Dan Huttenlocher. He completed his Ph.D. in Machine Learning Department, School of Computer Science at Carnegie Mellon University under the supervision of Christos Faloutsos in 2008. He completed his undergraduate degree in computer science at University of Ljubljana, Slovenia in 2004. He also works with the Artificial Intelligence Laboratory, Jozef Stefan Institute, Ljubljana, Slovenia.



Percy Liang

Assistant Professor of Computer Science

Percy Liang is an Assistant Professor of Computer Science at Stanford University (B.S. from MIT, 2004; PhD from UC Berkeley, 2011). His research interests include modeling natural language semantics and developing machine learning methods that infer rich latent structures from limited supervision. His awards include the IJCAI Computers and Thought Award (2016), an NSF CAREER Award (2016), a Sloan Research Fellowship (2015), a Microsoft Research Faculty Fellowship (2014), and the best student paper at the International Conference on Machine Learning (2008).





Frank Meerkamp

Managing Director for Artificial Intelligence, Accenture

Frank Meerkamp is a Managing Director of Artificial Intelligence with Accenture. His responsibilities include the execution of Accenture's AI go-to-market strategy, development of AI capabilities and talent development and management. Prior to his role in AI Frank led Accenture's global SAP consulting practice for the Telecommunications, Media and Entertainment, High-Tech and Aerospace and Defense industries. In this role, he had accountability for business development and delivery of Accenture's SAP consulting services globally. He also defined and executed on Accenture's strategy and investment areas with SAP for these industries. Frank plays an active role in Accenture's people agenda, and has been frequently involved in sponsoring minority and diversity events across the company. He is also sponsoring Accenture's relationship with Upwardly Global supporting skilled immigrants to integrate into the US job market.



David Pinski

Chief Strategist for Financial Innovation, Global Center for Social Innovation, Hitachi

David Pinski is the Chief Strategist for Financial Innovation at Hitachi's Global Center for Social Innovation. In this role, he is heading research and development of new products and services for Hitachi's Financial Industries Business Unit. This new function has a particular focus on blockchain and data analytics technology. His background is banking and fraud systems in a variety of roles from Product Management to Head of Architecture. He has worked for major banks such as Capital One, ING Direct, Bank of America and startups such as Zumigo and Silver Tail Systems. He has over a dozen patents filed (three issued) in the area of fraud mitigation, payment networks and banking systems.



Silvio Savarese

Associate Professor of Computer Science

Silvio Savarese is an Associate Professor of Computer Science at Stanford University and Director of the SAIL-Toyota Center for AI Research at Stanford. He earned his PhD in Electrical Engineering from the California Institute of Technology in 2005 and was a Beckman Institute Fellow at the University of Illinois at Urbana-Champaign from 2005–2008. He joined Stanford in 2013 after being Assistant and then Associate Professor of Electrical and Computer Engineering at the University of Michigan, Ann Arbor, from 2008 to 2013. His research interests include computer vision, robotic perception and machine learning. He is recipient of several awards including a Best Student Paper Award at CVPR 2016, the James R. Croes Medal in 2013, a TRW Automotive Endowed Research Award in 2012, an NSF Career Award in 2011 and Google Research Award in 2010. In 2002 he was awarded the Walker von Brimer Award for outstanding research initiative.



Mike Schulman

Engineering Director and Lead of Customer Engagement, Google

Mike Schulman is the Engineering Director leading the Customer Engagement team at Google. His team is responsible for much of the sales, support, and marketing systems across Ads and Google. Mike attended Stanford University and joined Google in 2004. At Google, he has worked across various products including AdWords, Android Pay, and most recently Google's Customer Engagement team focused on supporting and informing Google's millions of Advertisers and Billions of customers.

Amit Seru

Professor of Finance

Amit Seru is the Steven and Roberta Denning Professor of Finance at the Stanford Graduate School of Business, a Senior Fellow at the Hoover Institution and Stanford Institute for Economic Policy Research (SIEPR), and a Research Associate at the National Bureau of Economic Research (NBER). He was formerly a faculty member at the University of Chicago's Booth School of Business.



Professor Seru's primary research interest is in corporate finance. He is interested in issues related to financial intermediation and regulation, interaction of internal organization of firms with financing and investment, and incentive provision in firms. His papers in these areas have been published in several journals, including, the American Economic Review, the Quarterly Journal of Economics, the Journal of Political Economy, the Journal of Finance, the Journal of Financial Economics, and the Review of Financial Studies. He is a co-editor of the Journal of Finance and an Associate Editor of the Journal of Political Economy. He was previously Editor of Review of Corporate Finance Studies and a Department Editor (Finance) of Management Science. His research has been featured in major media, including the Wall Street Journal, the New York Times, the Financial Times and the Economist.

Seru earned a B.E. in electronics and communication and an MBA from the University of Delhi. Subsequently, he received a PhD in finance from the University of Michigan before. He was a senior consultant at Accenture before pursuing his PhD. Seru was the recipient of a Rackham Pre-Doctoral Fellowship at University of Michigan and received a Lt. Governor's gold medal for overall academic excellence at the University of Delhi.

Ahmad Wani

CEO and Co-Founder, One Concern

Ahmad Wani is the CEO and Co-Founder of One Concern. Ahmad is an earthquake researcher by training. He was named by the Forbes magazine as one of the world's top thirty innovators, in its Forbes 30 under 30 edition in January 2016. Earlier in his career, he performed structural design and risk analysis for power plants for the Central Government of India. Ahmad holds a graduate degree in Structural and Earthquake Engineering from Stanford University.

