

Stanford Data Science Initiative

2017 Spring Workshops

MACKENZIE ROOM, HUANG ENGINEERING CENTER, STANFORD UNIVERSITY

FRIDAY JUNE 2, 2017

8:30 am	Breakfast and registration	
	Disruptive Technologies for Finance and Insurance	
9:00 am	Welcome and introduction	Steve Eglash , Executive Director of Strategic Research Initiatives, Computer Science
9:10 am	Keynote: Fintech, Regulatory Arbitrage, and the Rise of Shadow Banks	Amit Seru , Professor of Finance, Graduate School of Business
9:30 am	Applied Machine Learning with Domain Knowledge	Stefano Ermon , Assistant Professor of Computer Science
9:50 am	From Sensing to Visual Intelligence - Trends and Applications	Silvio Savarese , Associate Professor of Computer Science and Director of SAIL-Toyota Center for AI Research
10:10 am	Secure Confidential Transactions on the Blockchain	Dan Boneh , Professor of Computer Science and Electrical Engineering and Co-Director of Stanford Cyber Initiative
10:30 am	Break	
10:50 am	Digital Health	Euan Ashley , Associate Professor of Medicine, Genetics, and Biomedical Data Science and Director of Stanford Data Science Initiative
11:10 am	Panel Discussion: Industry Use Cases	Peter Gunder , Chief Business Development Officer at American Family Insurance David Pinski , Chief Strategist and Head of the Financial Innovation Laboratory at Hitachi Ahmad Wani , CEO and Co-Founder at One Concern
11:50 am	Wrap-up and discussion of potential research topics	
12:00 pm	Meeting ends and lunch served	
	Smart Customer Interactions	
1:40 pm	Welcome and introduction	Steve Eglash , Executive Director of Strategic Research Initiatives, Computer Science
1:50 pm	Interacting via Natural Language Dialog	Dan Jurafsky , Professor and Chair of Linguistics and Professor of Computer Science
2:10 pm	Learning from Natural Language Interactions	Percy Liang , Assistant Professor of Computer Science and Lead Scientist at Semantic Machines
2:30 pm	Break	
3:00 pm	People-focused Reinforcement Learning	Emma Brunskill , Assistant Professor of Computer Science
3:20 pm	Mining Massive and Diverse Datasets for Understanding and Forecasting Customer Needs and Preferences	Jure Leskovec , Associate Professor of Computer Science and Chief Scientist at Pinterest
3:40 pm	MacroBase: Prioritizing Attention in Fast Data	Peter Bailis , Assistant Professor of Computer Science
4:00 pm	Panel Discussion: Industry Use Cases	Jeff Hancock , Professor of Communication and Director of Center for Computational Social Science Frank Meerkamp , Managing Director for Artificial Intelligence at Accenture Mike Schulman , Engineering Director and Lead of Customer Engagement at Google
4:40 pm	Wrap-up and discussion of potential research topics	
4:50 pm	Meeting ends	