

Zone	Session	8	9	15	30	45	10	15	30	45	11	
Deep Learning	Deep Learning Track	8:00-9:00 Light breakfast & registration		9:15-9:40	Personalized Generative Models	9:40-10:00	Learning Embedding at Slack	10:00-10:25	Generative Adversarial Networks	10:25-11:05	COFFEE BREAK	
Learning, Education & Talent	Intro to Deep Learning						9:45-10:25	Why is DL Taking Off and Is it Right for My Business?		10:25-11:05	COFFEE BREAK	
	Education & AI						9:45-10:25	Educating the Next Generation		10:25-11:05	COFFEE BREAK	
AI Assistants	AI Assistant Track				9:15-9:40	Advancements & Challenges in Natural Language Processing	9:40-10:05	Natural Language Understanding's Application to AI Assistants	10:05-10:25	The Evolution of Deep Learning Techniques in Virtual Agents	10:25-11:05	COFFEE BREAK
Industry Applications	Practical Applications of AI						9:45-10:25	How do you Manage Transformation in Your Organisation with Implementing ML?		10:25-11:05	COFFEE BREAK	
Workshops	Sponsored Workshop			THIS COULD BE YOU								

Zone	Session	11	15	30	45	12	15	30	45	13	
Deep Learning	Deep Learning Track	COFFEE 11:05-11:25	Learning Reusable Robot Skill Embeddings	11:25-11:45	Robots that Adapt Like Animals	11:45-12:05	Deep Learning for Robotics & Robotics for Deep Learning	12:05-12:25	Meta Learning and Self Play	12:25-13:35	LUNCH
Learning, Education & Talent	Intro to Deep Learning	COFFEE 11:05-11:30	How to Apply ML to Business Problems	11:30-12:00	Why are Deep Networks Better than Shallow Ones?	12:00-12:25	What Assets Do I Need to Get Started with DL?	12:25-13:35	LUNCH		
	Education & AI	COFFEE 11:05-11:25	Teach Programming at Kindergarten - Learnings from Other Continents	11:25-12:25	Panel: Young Rising Stars - Why AI and Future Predictions	12:25-13:35	LUNCH				
AI Assistants	AI Assistant Track	COFFEE 11:05-11:35	Implementing Machine Learning and Speech Recognition	11:35-12:00	The Latest Progress in Algorithms Used to Create Conversational Agents	12:00-12:25	Overcoming Challenges in Designing AI Assistants	12:25-13:35	LUNCH		
Industry Applications	Practical Applications of AI	COFFEE 11:05-11:45	Fostering an AI Culture in Enterprise	11:45-12:25	Superior Customer Service with AI & Reliable Data Analysis	12:25-13:35	LUNCH				
Workshops	Sponsored Workshop	<u>THIS COULD BE YOU</u>									

Zone	Session	13	15	30	45	14	15	30	45	15	
Deep Learning	Deep Learning Track	12:25-13:35	LUNCH	13:35-13:55	Deep Learning for Gesture Recognition within AR Interfaces	13:55-14:20	Embodied Vision	14:20-14:40	Predictive Vision	14:40-15:00	DL for Recommender Systems
Learning, Education & Talent	Environment & Sustainability	12:25-13:35	LUNCH	13:35-14:00	What AI Means for Sustainability	14:00-14:30	Harnessing AI for the Earth		14:30-15:20	Panel: The Role, Vision, and Strategy for global AI leaders to Create Change	
	Talent & Talk	12:25-13:35	LUNCH	13:35-14:00	Panel: Addressing the Skill Shortage - What Skills Does Industry Need	14:00-14:30	Fireside Chat: Industry or Academia - Helping Students Decide What Next		14:30-15:20	Panel: How do we Encourage Women to Join Careers in STEM and What are the Next Steps?	
AI Assistants	AI Assistant Track	12:25-13:35	LUNCH	13:35-13:55	The Implementation of Voice Recognition Platforms	13:55-14:15	Challenges of Integrating Personality into Conversational Agents	14:15-14:35	Challenges of Integrating Personality into Conversational Agents	14:35-15:00	The Role of Personality and Emotion in Spoken Interactions
Industry Applications	Breaking through Challenges in Industry	12:25-13:35	LUNCH	13:35-14:15	Breaking through Challenges in Healthcare		14:15-14:55	Breaking through Challenges in Retail			
Workshops	Sponsored Workshop	<u>THIS COULD BE YOU</u>									

Zone	Session	15	15	30	45	16	15	30	45	17	
Deep Learning	Deep Learning Track	15:00-15:20	Learning How to Generate the Future in Videos	15:20-16:00	COFFEE BREAK	16:00-16:20	Industry-Grade Deep Learning	16:20-16:40	Building Infrastructure for Deep Learning	16:40-17:00	Intelligent Vision: Combining DL With Traditional Computer Vision for Performance in Vision-Based IoT Applications
Learning, Education & Talent	Environment & Sustainability	Panel: The Role, Vision, and Strategy for global AI leaders to Create Change (cont.)		15:20-16:00	COFFEE BREAK	16:00-17:00	Panel and Discussion: Is it Time for an Ethics code for AI for the Earth?				
	Talent & Talk	Panel: How do we Encourage Women to Join Careers in STEM and What are the Next Steps? (cont.)		15:20-16:00	COFFEE BREAK	16:00-17:00	Introduce Yourself: Speed Networking and Skill-Swap				
AI Assistants	AI Assistant Track	15:00-15:20	The Role of Personality and Emotion in Spoken Interactions	15:20-16:00	COFFEE BREAK	16:00-16:20	Which Verticals Will Be Disrupted Next By AI Assistants?	16:20-16:40	From Websites to Apps to Chatbots - What's Next?	16:40-17:00	I Know What You Want Before You Say It: Anticipatory Computing
Industry Applications	Breaking through Challenges in Industry	14:55-15:35	Breaking through Challenges in Finance	15:35-16:05	COFFEE BREAK	16:05-17:00	Panel: Where are the Similarities and What Can we Learn from Each Other?				
Workshops	Sponsored Workshop	<u>THIS COULD BE YOU</u>									

Zone	Session	8	9	15	30	45	10	15	30	45	11			
Deep Learning	Deep Learning Track	8:00-9:00 Light breakfast & registration	9:10-9:25	Using DL To Reverse the Resolution-Degrading Effects of Conventional Video Capture	9:25-9:40	Business Production AI on Cloud & Edges	9:40-9:55	Your Voice is Pure Gold: Understand Speech Data with DL	9:55-10:10	An Industrial AI Revolution in space starts Deep underground on Earth	10:10-10:45	COFFEE BREAK	10:45-11:05	Fireside chat: Calico Labs
Futurescaping	Future of the Workforce		9:10-9:40	Adopting a machine learning mindset: How to discover, develop, and deliver automation solutions company-wide	9:40-10:10	Ethics and Policy Concerning Human-Machine Collaboration	10:10-10:45	COFFEE BREAK	10:45-11:25	Human-Centric AI: Interpreting and Adjusting to Human Needs in Human-Machine Collaboration				
Ethics & Social Responsibility	Social Responsibility		9:10-09:40	Deploying AIs: Considerations & Obligations for Developers	09:40-10:10	How AI Can Empower the Blind Community	10:10-10:45	COFFEE BREAK	10:45-12:15	Reimaging the News: How can AI/ML be used to assure open and credible news platforms?				
Learning, Education & Talent	Technical Labs		09:10-10:10	End-to-End Machine Learning with GPUs & TPUs			10:10-10:45	COFFEE BREAK	10:45-12:00	Challenges in Recommendation Systems at Twitter Scale				
Investors & Startups	Investing in AI		9:10-10:10	Quick Pitch			10:10-10:45	COFFEE BREAK	10:45-11:00	Quick Pitch Results				
Workshops	Sponsored Workshop		THIS COULD BE YOU											

Zone	Session	11	15	30	45	12	15	30	45	13
Deep Learning	Deep Learning Track	Fireside Chat: Calico Labs (cont.) 11:05-11:30	Unsupervised Meta-Learning for Reinforcement Learning	11:30-11:50	Democratizing Data Science & Machine Learning to the End-User	11:50-12:15	Democratizing Data Science & Machine Learning to the End-User	12:15-13:15	LUNCH	
Futurescaping	Future of the Workforce	Human-Centric AI: Interpreting and Adjusting to Human Needs in Human-Machine Collaboration (cont.) 11:25-12:00		Panel: Managing Perspectives and Expectations in Society		12:00-12:20	The Workforce of 2020		12:20-13:20	LUNCH
Ethics & Social Responsibility	Social Responsibility	Reimagining the News: How can AI/ML be used to assure open and credible news platforms?						12:15-13:20	LUNCH	
Learning, Education & Talent	Technical Labs	Challenges in Recommendation Systems at Twitter Scale				12:00-13:00	LUNCH			
Investors & Startups	Investing in AI	11:00-11:30	AI to Assist in Building Your Portfolio	11:30-12:00	Why Invest in AI?	12:00-12:20	Forecasted trends for investments over the next 5 years	12:20-13:20	LUNCH	
Workshops	Sponsored Workshop	<u>THIS COULD BE YOU</u>								

Zone	Session	13	15	30	45	14	15	30	45	15		
Deep Learning	Deep Learning Track	LUNCH (cont.)	13:15-13:40	Applying DL to Article Embedding for Fake News Evaluation	13:40-14:00	Deep Defense: Using Deep Learning to Fight off Uber Fraudsters	14:00-14:20	Application of DNN for Modern Data with 2 Examples: Recommender Systems & User Recognition	14:20-14:40	Direct Uncertainty Prediction for Medical Second Opinions	14:40-15:00	Is Your Organization Ready for ML?
Futurescaping	Futurescaping & AI	LUNCH (cont.)		13:20-13:50	Predictions for a Digital Future in Business and Society	13:50-15:00	Review and Discuss: Building an Ethical Path to Change					
	CxO Discussion	LUNCH (cont.)		13:20-14:00	Learnings: How will AI impact your CIO & CTO?	14:00-15:00	Panel: Should you be Hiring a Chief AI Officer?					
Learning, Education & Talent	Technical Labs	13:00-15:00	Imagination-Based AI: Envision the Future Beyond DL									
Ethics & Social Responsibility	Ethics & AI	LUNCH (cont.)		13:20-14:00	Panel: What are the Key Ingredients for Fair AI?	14:00-15:00	Ask the Experts in Ethics: Practical Next Steps					
Investors & Startups	Investing in AI	LUNCH (cont.)		13:20-13:50	Investing in Startups Panel – Part 1 : Current landscape and the ‘Do’s & Don’ts’	13:50-14:20	Investing in Startups Panel – Part 2 : Moonshot Ideas and Applications That Excite a VC		14:20-15:00	Meet the Investors		
Workshops	Sponsored Workshop	<u>THIS COULD BE YOU</u>										