

Deep Learning Landscape

08:00	WELCOME
	IMPROVING DEEP LEARNING
08:10	From Open-Endedness to AI Kenneth Stanley, Research Manager, OpenAI
08:35	Continual Learning: Quirks and Assumptions Puneet Dokania, Senior Researcher, University of Oxford
09:00	Supercharge Your Data Quality: Automated QA Abha Laddha, Senior Customer Success Engineer, Sama
09:25	COFFEE BREAK
	TOOLS FOR DEEP LEARNING
09:35	Scaling Up PyTorch with GPU Cluster Computing Stephanie Kirmer, Senior Data Scientist, Saturn Cloud
10:00	Tensorflow 3D Alireza Fathi, Senior Research Scientist, Google
10:25	BREAKOUT SESSIONS: ROUNDTABLE DISCUSSIONS WITH SPEAKERS
10:45	COFFEE BREAK
	FUTURE OF DEEP LEARNING
10:55	Open-Domain Question Answering: State of the Art and Future Perspectives Danqi Chen, Assistant Professor, Princeton University
11:20	What if AI Could Craft the Next Generation of AI? Yonatan Geifman, Co-Founder & CEO, Deci AI
11:45	MAKE CONNECTIONS: MEET WITH ATTENDEES VIRTUALLY FOR 1:1 CONVERSATIONS & GROUP DISCUSSIONS
12:00	END OF SUMMIT

Enterprise AI Stage

08:00	WELCOME
	APPLYING AI IN ENTERPRISE
08:10	Empowering the Global Workforce: Using AI To Connect Talent with Opportunity Suju Rajan, Sr. Director, Enterprise AI, LinkedIn
08:35	Conversational AI: Time Saver & Money Maker Mark Jancola, CTO & VP of Engineering, Conversica
09:00	Embedding AI in the Enterprise: Google's Footprint Peter Grabowski, Austin Site Lead, Enterprise Machine Learning, Google
09:25	COFFEE BREAK
	SUPPORTING ENTERPRISE AI
09:35	Building Computational Graphs Across Multiple Open Source Frameworks Hebo Yang & Arbaz Khan, Software Engineers, DoorDash
10:00	Algorithmia in Action: Take Your ML Models from Training to Production Kristopher Overholt, Sales & Solutions Engineer, Algorithmia
10:25	BREAKOUT SESSIONS: ROUNDTABLE DISCUSSIONS WITH SPEAKERS
10:45	COFFEE BREAK
10:55	PANEL: Best Practices for Realising ROI on AI Projects Evgeny Blaichman, Machine Learning Group Manager, Samsung Adri Purkayastha, Global Head of AI & Digital Risk Analytics, BNP Paribas Claire Lebarz, Head of Data Science, Guest, Airbnb Mario Lois, Global Head & Senior Director of AI for WH, GE Healthcare Moderator: Pratima Aiyagari, Venture Partner, Nauta Capital
11:45	MAKE CONNECTIONS: MEET WITH ATTENDEES VIRTUALLY FOR 1:1 CONVERSATIONS & GROUP DISCUSSIONS
12:00	END OF SUMMIT

Reinforcement Learning Stage

08:00	WELCOME
	RL ADVANCEMENTS
08:10	Learning Representations for Reinforcement Learning Martha White, Professor, University of Alberta
08:35	Emergent Complexity and Zero-Shot Transfer via Unsupervised Environment Design Natasha Jaques, Research Scientist, Google Brain
	IMPROVING REINFORCEMENT LEARNING
09:00	Towards Safe, Interpretable, and Moral RL Agents Joel Lehman, Research Scientist, OpenAI
09:25	COFFEE BREAK
09:35	Predictability Maximization: Empowerment As An Intelligence Measure Shane Gu, Research Scientist, Google Brain
10:00	Human and Multi-Agents Systems Neda Navidi, Postdoctoral Researcher, Quebec University of Montreal
10:25	BREAKOUT SESSIONS: ROUNDTABLE DISCUSSIONS WITH SPEAKERS
10:45	COFFEE BREAK
	REINFORCEMENT LEARNING APPLICATIONS
10:55	Augmenting Automated Game Testing with DRL Linus Gisslén, Senior Research Engineer, Electronic Arts
11:20	The AI Economist: Improving Equality and Productivity with AI-Driven Tax Policies Stephan Zheng, Senior Research Scientist, Salesforce Research
11:45	MAKE CONNECTIONS: MEET WITH ATTENDEES VIRTUALLY FOR 1:1 CONVERSATIONS & GROUP DISCUSSIONS
12:00	END OF SUMMIT

Generative Models Stage

08:00	WELCOME
	TOOLS & TECHNIQUES
08:10	Label-Free Bias Mitigation for Fair Generative Modeling Aditya Grover, Research Scientist, Facebook AI Research
08:35	Heat-Kernel Empowered Deep Generative Models Changyou Chen, Assistant Professor, University of Buffalo
09:00	Synthetic Data: Breaking the Data Logjam in ML Mihaela van der Schaar, Professor, University of Cambridge
09:25	COFFEE BREAK
	APPLICATIONS OF GENERATIVE MODELS
09:35	Small Molecule Drug Discovery Using Quantum ML Swaroop Ghosh, Associate Professor, & Junde Li, Doctoral Student, Pennsylvania State University
10:00	Realistic Cosmetics Virtual Try-On Using GANs Robin Kips, Research Scientist, L'Oreal
10:25	BREAKOUT SESSIONS: ROUNDTABLE DISCUSSIONS WITH SPEAKERS
10:45	COFFEE BREAK
10:55	PANEL: How Can We Best Harness The Potential of GANs & Overcome Challenges for Innovative Applications Krishna Kumar Singh, Research Scientist, Adobe Jiangbo Yuan, Applied Researcher III, eBay Nikolay Jetchev, Senior Research Scientist, Zalando Moderator: Alexia Jolicoeur-Martineau, Research Scientist, MILA
11:45	MAKE CONNECTIONS: MEET WITH ATTENDEES VIRTUALLY FOR 1:1 CONVERSATIONS & GROUP DISCUSSIONS
12:00	END OF SUMMIT

Ethics & Social Responsibility Stage

08:00	WELCOME
	AI ETHICS
08:10	The Challenges of Algorithmic Justice Deborah Raji, Fellow, Mozilla
08:35	Operationalizing AI Ethics Alice Xiang, Senior Research Scientist, Sony
	BUILDING ETHICAL AI
09:00	Explainable AI for Addressing Bias & Improving User Trust Anna Rohrbach, Research Scientist, UC Berkeley
09:25	COFFEE BREAK
	AI FOR SOCIAL GOOD
09:35	Building Environmental Conservation Technology in Kenya Ciira wa Maina, Senior Lecturer, Dedan Kimathi University of Technology
10:00	A Win-Win in Precision Ag Jennifer Hobbs, Director of Machine Learning, Intelin Air
10:25	BREAKOUT SESSIONS: ROUNDTABLE DISCUSSIONS WITH SPEAKERS
10:45	COFFEE BREAK
10:55	PANEL: Ensuring Responsible AI Myrna MacGregor, Lead, Responsible AI & ML, BBC Daniel Gifford, Senior Data Scientist, Getty Images Engin Bozag, Senior Privacy Architect II, Uber Maria Luciana Axente, Responsible AI Lead, PwC Moderator: Mayank Kejriwal, Research Assistant Professor, USC
11:45	MAKE CONNECTIONS: MEET WITH ATTENDEES VIRTUALLY FOR 1:1 CONVERSATIONS & GROUP DISCUSSIONS
12:00	END OF SUMMIT