DAY 1:

08:00  REGISTRATION & LIGHT BREAKFAST

09:00  WELCOME

Mariya Yao, CTO and Head of R&D, TOPBOTS  @thinkmariya

DEEP LEARNING LANDSCAPE

09:15 - 09:35  Personalized Generative Models

Yaniv Taigman, Research Scientist, Facebook AI Research (FAIR)  @facebook

09:35 - 09:55  Learning Embeddings at Slack

Keith Adams, Chief Architect, Slack  @keithmadams

09:55 - 10:20  Generative Adversarial Networks

Ian Goodfellow, Staff Research Scientist, Google Brain  @goodfellow_ian

10:20 - 11:00  COFFEE

11:00 - 11:20  Modeling Team Strategies using Deep Imitation Learning

Peter Carr, Research Engineer, Disney Research  @DisneyResearch

11:20 - 11:40  Deep Learning for Formal Reasoning

Christian Szegedy, Staff Research Scientist, Google

COMPUTER VISION

11:40 - 12:00  Predictive Vision

Carl Vondrick, Research Scientist, Google  @cvondrick

12:00 - 12:20  Deep Learning in Production at Facebook

Andrew Tulloch, Research Engineer, Facebook  @facebook

12:20 - 13:30  LUNCH
NATURAL LANGUAGE PROCESSING

13:30 - 13:50  From Word2vec to ELMo: Deep Contextualized Word Representations
Matthew Peters, Research Scientist, Allen Institute for Artificial Intelligence  @allenai_org

REINFORCEMENT LEARNING

13:50 - 14:10  Zero-Shot Task Generalization with Multi-Task Deep Reinforcement Learning
Junhyuk Oh, PhD Researcher, University of Michigan  @junh_oh

14:10 - 14:30  Meta Learning and Self Play
Ilya Sutskever, Co-Founder & Research Director, OpenAI  @ilyasut

SEARCH & RECOMMENDATIONS

14:30 - 14:50  Deep Learning for Recommender Systems
Yves Raimond, Director of Machine Learning, Netflix  @moustaki
Justin Basilico, Director of Machine Learning, Netflix  @JustinBasilico

14:50 - 15:10  Learning How to Generate the Future in Videos
Dumitru Erhan, Senior Research Scientist, Google Brain  @doomie

15:10 - 15:40  COFFEE

DEEP LEARNING FRAMEWORKS

15:40 - 16:00  Industry-Grade Deep Learning
Clement Farabet, VP of AI Infrastructure, NVIDIA  @clmt

16:00 - 16:20  Graph Computing for Machine Intelligence
Dave Lacey, Head of Software Engineering at Graphcore  @graphcoreai

16:20 - 16:40  Building Infrastructure for Deep Learning
Vicki Cheung, Head of Infrastructure, Previously OpenAI  @vmcheung

16:40 - 17:00  Intelligent Vision: Combining DL With Traditional Computer Vision for Performance in Vision-Based IoT Applications
Raj Talluri, SVP of Product Management, Qualcomm  @rajtalluri

17:00 - 18:00  Conversation & Drinks
DAY 2:

08:15  DOORS OPEN

09:00  WELCOME

Rumman Chowdhury, Senior Principal, Accenture  @ruchowdh

STARTUP SESSION

09:10 - 09:25  Using DL To Reverse the Resolution-Degrading Effects of Conventional Video Capture

Nathan Wheeler, Chief Product Officer, Entropix  @entropixinc

09:25 - 09:40  Business Production AI on Cloud & Edges

Yousuke Okada, Founder & CEO/CTO, ABEJA

09:40 - 09:55  Your Voice is Pure Gold: Understand Speech Data with Deep Learning

Scott Stephenson, Co-Founder & CEO, Deepgram  @stephensonsco

09:55 - 10:10  How Deep Learning Enables Autonomous Vehicles

Kevin Peterson, Head of Software, Marble  @kevinmpeterson1

10:10 - 10:25  End-to-End Deep Learning for Detection, Prevention, and Classification of Cyber Attacks

Eli David, CTO, Deep Instinct  @drelidavid

10:25 - 11:00  COFFEE

DEEP LEARNING APPLICATIONS

11:00 - 11:40  FIRESIDE CHAT: Calico

Daphne Koller, Chief Computing Officer, Calico  @DaphneKoller
Moderator: Rumman Chowdhury, Senior Principal, Accenture  @ruchowdh

11:40 - 12:00  Democratizing Data Science & Machine Learning to the End-User

Nina Berry, Science & Technology Advisor, Joint Improvised-Threat Defeat Organization (JIDO)

12:00 - 12:20  Deep Defense: Using Deep Learning to Fight off Uber Fraudsters

Karthik Ramasamy, Data Scientist, Risk Team, Uber  @uber
12:20 - 13:20  LUNCH

Kourosh Modarresi, Senior AI - ML Scientist, Adobe  @adobe

13:40 - 14:00  Deep Learning in Advertisement
Miao Lu, Research Scientist, Yahoo Labs  @yahoolabs

14:00 - 14:20  Personalization using LSTMs
Frank Xia, Data Scientist, Uber  @uber

DEEP LEARNING INTEGRATION

14:20 - 14:40  Is Your Organization Ready for ML?
Amy Gershkoff, Chief Data Officer, Ancestry  @amygershkoff

14:40 - 15:00  On the Embedding of Reliable Deep Learning in the Enterprise
Manuel Proiss, Senior Quant & Data Scientist, EY  @EY_US

15:00  END OF SUMMIT
WORKSHOPS

DAY 1

10:30 - 11:00  
New to Deep Learning? Time to Ask Qs!
Networking & Ask the Experts During the Coffee Break

11:10 - 12:10  
The Commercialization of Deep Learning
Maithili Mavinkurve, Founder & CEO, *Sightline Innovation*  [@sightline_innov](https://twitter.com/sightline_innov)

13:35 - 14:35  
Designing Ethical AI Solutions
Rumman Chowdhury, Senior Principal, *Accenture*  [@ruchowdh](https://twitter.com/ruchowdh)

14:40 - 15:25  
What are the Main Practical Safety Issues with AI Products? - *Panel & Roundtable Discussion*
Katherine Driggs-Campbell, Postdoctoral Research Scholar, *Stanford University*  [@Stanford](https://twitter.com/Stanford)
Modar Alaoui, CEO & Founder, *Eyeris*  [@modaralaoui](https://twitter.com/modaralaoui)
Abhishek Gupta, AI Ethics Researcher, *District 3 & McGill University*  [@atg_abhishek](https://twitter.com/atg_abhishek)
Paul Baines, Principal Data Engineer, *GE Digital*  [@GE_Digital](https://twitter.com/GE_Digital)
**Moderator:** Mahmood Tabaddor, Founder, *Consortium for Safer AI*

15:50 - 16:50  
Getting ROI from ML – the Good, the Bad, the Ugly
Rix Ryskamp, CEO, *useAlble*  [@useaible](https://twitter.com/useaible)

DAY 2

09:15 - 10:00  
How Machine Learning Applications Can Deliver a Superior Customer Support Experience
Mahesh Ram, CEO, *Solvvy*  [@solvvyinc](https://twitter.com/solvvyinc)

10:00 - 10:30  
How can we Utilize AI to Protect the Environment & Increase Sustainability? - *Panel Discussion*
David J. Klein, Lead AI Developer, *Conservation Metrics*  [@kleinsound](https://twitter.com/kleinsound)
Kate Wing, Founder, *the databranch*  [@kwings](https://twitter.com/kwings)
Jesus Martinez Manso, Machine Learning Engineer, *Planet*  [@planetlabs](https://twitter.com/planetlabs)
**Moderator:** Veronica Osinski, Founder & Managing Director, *Trifecta Capital*  [@vaosinski](https://twitter.com/vaosinski)

11:00 - 12:00  
Startup Mentoring Session
Breakout mentoring session with VCs, Industry Experts & Startups
WORKSHOPS

DAY 2

11:15 - 12:15  Analysing & Optimizing Bots More Easily for Better User Experiences
Ofer Ronen, Chatbase Team Lead, Chatbase  @chatbase

13:35 - 14:00  What is AI’s Biggest Impact on Data Centers?
Ashmeet Sidana, Founder & Managing Partner, Engineering Capital  @ashmeetsidana
Evan R. Sparks, Co-Founder & CEO, Determined AI  @evanrsparks
Eli David, CTO, Deep Instinct  @drelidavid
Moderator: Manuel Proissl, Senior Quant & Data Scientist, EY  @ey_us

14:00 - 15:00  Image Creation Using Generative Adversarial Networks (GANs)
David Nola, Deep Learning Solutions Architect, NVIDIA  @NVIDIA