

AGENDA

20-21 OCTOBER 2016

SINGAPORE

DAY 1

DEEP LEARNING SUMMIT

#REWORKDL

Wifi Network: Waterfront

Username & PW: deep2021

08:15 REGISTRATION

09:00 WELCOME

Sravanthi Sinha, Full Stack Software Developer, Holberton School [@sravanthisinha](#)

DEEP LEARNING THEORY AND APPLICATION

09:15- 09:35 Deep Learning: The AI Revolution

Haiyan Yin, Research Assistant, Nanyang Technological University [@NTUsg](#)

09:35 - 09:55 Deep Learning in Industry with NVIDIA

Ettikan Karuppiah, Director of Developers Ecosystem, NVIDIA [@nvidia](#)

09:55 - 10:15 Deep Learning in Computer Vision

Vijay Chandrasekhar, Scientist, Institute for Infocomm Research [@astar_research](#)

10:15 - 10:30 How Deep Learning and Drones Can Save the World from Asteroids?

Sravanthi Sinha, Full Stack Software Developer, Holberton School [@sravanthisinha](#)

10:30 - 11:10 COFFEE

VISUAL ANALYSIS

11:10 - 11:30 Fine-grained Emotional Profiling

Vassilios Vonikakis, Research Scientist, Advanced Digital Science Centre [@ADSCSingapore](#)

11:30 - 11:50 The Fovea as an Emergent Property of Visual Attention

Brian Cheung, PhD Student/Google Brain, UC Berkeley/Google [@UCBerkeley](#)

11:50 - 12:10 Reasoning With Deep Learning: The Visual Question Answering Problem

Ilija Ilievski, PhD Student, National University of Singapore [@ilija139](#)

12:10 - 13:20 LUNCH

SPEECH RECOGNITION

13:20 - 13:40

Speech Recognition of Under-resourced Languages Using Mismatched Crowdsourcing

Van Hai Do, Postdoctoral Researcher, Advanced Digital Science Centre [@ADSCSingapore](#)

NATURAL LANGUAGE UNDERSTANDING

13:40 - 14:00

Neural Network Methods for Targeted Sentiment Extraction

Duy Tin Vo, PhD Student, Singapore University of Technology and Design [@duytinvo](#)

14:00 - 14:20

Cross-Lingual Image Caption Generation

Takashia Miyazaki, Engineer, Yahoo Japan [@Yahoo_JAPAN_PR](#)

SMART CITIES

14:20 - 15:00

PANEL: How Can AI Help Create a Smarter City?

Cuauhtemoc Anda, PhD Researcher, Future Cities Laboratory [@FCL](#)

Frans Wauters, Director of Marketing, HAL24K [@hal24k](#)

Juris Puce, CTO, Kleintech [@KleinTechNET](#)

Moderator: Pen Kheng Tan, Sr Manager, Singapore University of Technology & Design [@sutdsg](#)

15:00 - 15:40

COFFEE

15:40 - 16:00

Deep Learning in Smart Cities and Intelligent Enterprises

Claus Karthe, Founder, Iloop [@IloopAI](#)

DEEP LEARNING INFRASTRUCTURE

16:00 - 16:20

Embedded Deep Learning: Challenges and Recent Advancements

Gopalakrishna Hegde, Research Associate, Nanyang Technological University [@NTUsg](#)

16:20 - 16:40

Deep Learning at Scale and at Ease

Wei Wang, PhD Student, National University of Singapore [@NUSingapore](#)

16:40 - 17:00

Exploring Mobile Architectures for Scalable Machine Learning

Prajogo Tio, Student, Nanyang Technological University [@NTUsg](#)

17:00 - 18:00

Conversation & Drinks on the Terrace

DAY 2

08:15 REGISTRATION

09:00 WELCOME

Sravanthi Sinha, Full Stack Software Developer, Holberton School [@sravanthisinha](#)

STARTUP SESSION

09:15 - 09:35 Why Applied Statistics Are Not Artificial Intelligence?

Stéphane Lallée, Ceo, MeeYoo [@ghostlessshell](#)

09:35 - 09:55 Deep-Learning in Conversational Commerce

Ahmad Rizqi Meydiarso, CTO, YesBoss [@yesbossnow](#)

09:55 - 10:15 Deep Learning in the Travel Industry

Tom Semyanov, Data Science Team Lead, Travel Lisa [@ASemyanov](#)

10:15 - 10:35 Building a Real-World AI Assistant that Schedules Meetings

Jin Hian Lee, Founder, mimetic.ai [@mimeticdotai](#)

10:35 - 11:20 COFFEE

APPLICATIONS OF DEEP LEARNING IN INDUSTRY

11:20 - 11:40 Emotion Recognition Through Embedded Vision Using Deep Learning and the Rise of Ambient Intelligence

Modar Alaoui, CEO & Founder, Eyeris [@modaralaoui](#)

11:40 - 12:00 Big Data and Machine Learning: Two Future Pillars of IT Industry

Pranjal Sign, Senior Software Engineer, Visa [@pranjals16](#)

12:00 - 12:20 Deep Learning for Fashion Automation

Vipul Divyanshu, Head of R&D, Voonik [@VipulDivyanshu](#)

12:20 - 13:30 LUNCH

13:30 - 13:50 Application of Deep Neural Networks for Human Ageing Biomarker Investigation

Mun Yew Wong, CEO & Founder, Asia Genomics [@asiagenomics](#)

13:50 - 14:10 Deep Learning for Image Search in NAVER

Geunhee Cho, Senior Software Engineer, NAVER [@naverclip](#)

14:10 - 14:30

The Challenges of Human Labour Automatization with Deep Learning in the Transport Industry

Juris Puce, CTO, Kleintech [@KleinTechNET](#)

14:30 - 15:00

PANEL: Investing in AI: Rewards Outweigh the Risks?

Vishal Harnal, Venture Partner, 500 Startups [@vishalharnal](#)

Adit Swarup, Principal, Rakuten Ventures [@aditswarup](#)

Jonathan Savoir, CEO & Co-Founder, Quincus [@jonathansavoir](#)

Moderator: Tak Lo, Partner, Zeroith.ai [@tak_lo](#)

15:00

END OF SUMMIT