



MACHINE INTELLIGENCE SUMMIT



AI IN HEALTHCARE SUMMIT

HONG KONG • 6 & 7 JUNE

DAY 1:

08:45

REGISTRATION & LIGHT BREAKFAST

09:15

WELCOME

MACHINE INTELLIGENCE SUMMIT

Room: Diamond Ballroom I

AI IN HEALTHCARE SUMMIT

Room: Diamond Ballroom II

AI APPLICATIONS: WHERE ARE WE NOW?

MACHINE INTELLIGENCE IN HEALTHCARE

09:30 - 09:55

Big Data & AI - The Digital Frontier for Building Hong Kong as a Smart City

Victor Lam, Deputy Government CIO,
The Government of the HKSAR

@NewsGoveHK

09:30 - 09:55

Rehabilitation Robotics

Raymond Tong, Prof & Chairman, Dept
Biomedical Engineering, The Chinese
University of HK *@cuhkofficial*

AI IN DRUG DISCOVERY & DEVELOPMENT

09:55 - 10:20

Beyond Gradients: Learning Algorithms without clear objectives

Brian Cheung, PhD Student, UC
Berkeley/Google Brain

@thisismyhat

09:55 - 10:25

AI-based Sphygmographic Pulse Pattern Analysis for Traditional Chinese Medicine Palpation Diagnostics

Wen J. Li, Professor of Biomedical
Engineering, City University of Hong
Kong *@cityuhongkong*

10:20 - 10:45

ML for Space Projects: Example Engineering & Science Case Studies

Hamed Valizadegan, Senior Machine
Learning Scientist, NASA Ames Research
Center *@NASA*

10:25 - 10:50

Inferring the Fitness Landscape of HIV by Unsupervised Learning

Raymond Louie, Research Asst. Prof., Hong
Kong University of Science & Technology

@HKUST

10:45 - 11:30

COFFEE

10:50 - 11:35

COFFEE

REWORK

NLP & SEARCH

11:30 - 11:55

Deep Learning in eCommerce Text Search at eBay

Alan Lu, Director of Engineering & Applied Science, eBay @[ebay](#)

11:55 - 12:15

Speech Enabled NLP for Event Extraction

Johnson Poh, Head of Data Science, DBS Bank @[DBSBank](#)

12:15 - 12:35

Annotation Tools & Beyond

Guan Wang, Data Scientist, Swiss Re @[SwissRe](#)

12:35 - 13:40

LUNCH

WORKSHOP - Jade II (next to escalator)

13.50-14.50 - Deep Reinforcement Learning For Strategic Customer Engagement

Matt O'Connor, Co-Founder & CTO, & Dhruv Sahi, Co-Founder & CEO, Reboot.ai @[RebootAI](#)

13:40 - 14:00

Machine Learning from Weak Supervision

Masashi Sugiyama, Director, RIKEN Centre for Advanced Intelligence Project @[RIKEN_EN](#)

RECOMMENDATIONS

14:00 - 14:20

Applying Reinforcement Learning to Programme Recommendation

Icarus So, Data Scientist @[TVBCOM](#)

11:35 - 12:00

The Future of Machine Learning in Quantitative Medical Image Analysis

Wanpracha Art Chaovalitwongse, Co-Director, Inst. for Adv. Data Analytics University of Arkansas @[UARKANSAS](#)

12:00 - 12:25

Intelligent Medical Image Detection and Segmentation via 3D Deep Learning

Qi Dou, PhD Student, The Chinese University of Hong Kong @[CUHKofficial](#)

ML IN MEDICAL DIAGNOSIS

12:25 - 12:50

Learning a Phenotype Representation for AI-Assisted Leukemia Diagnosis Using DL Generative Model

Jeremy Lee, Assistant Professor, National Tsing Hua University

12:50 - 13:55

LUNCH

13:55 - 14:20

Artificial Intelligence for Dementia Screening

Kelvin Tsoi, Research Associate Professor, The Chinese University of HK @[CUHKofficial](#)

RE-WORK

GANs & CNNs

14:20 - 14:40

Optimising CNNs for Embedded Platforms

Pallab Maji, Sr Research Engineer,
Mercedes-Benz R&D India
[@MercedesBenzIND](#)

14:40 - 15:00

Application of GANs in Algorithmic Trading and Aggregation of Low Alpha Strategies

Mohammad Yousuf Hussain, Sr
Technology & Innovation Specialist,
HSBC [@TVBCOM](#)

15:00 - 15:40

COFFEE

WORKSHOP - BALLROOM FOYER STEPS (at window)

15.00-15.00 - Startup Mentoring Session

Join VCs including Radiant Tech Ventures, Zeroth.ai, Vectr Ventures & Horizons Ventures

AI USE-CASES

15:40 - 16:00

Horses for Courses: Deep Learning Beyond Niche Applications

Michael Natusch, Global Head of AI,
Prudential [@cumulyst](#)

16:00 - 16:20

Cross Modal Understanding and Prediction for Cognitive Robots

Joni Zhong, Research Scientist, AIST
[@AIST_EN](#)

14:20 - 14:45

Artificial Intelligence in Mental Health

Lawrence Wee, Chief Data Scientist,
Allianz Asia-Pacific [@Allianz](#)

14:45 - 15:30

COFFEE

15:30 - 15:55

Unlocking Evidence through Healthcare Text Mining

Josiah Poon, Sr Lecturer, University of
Sydney [@Sydney_Uni](#)

15:55 - 16:20

Deep Learning for Large-scale Histopathology Image Analysis

Hao Chen, Founder & CEO, Insight
Medical Technology

RE•WORK

AI & REGULATION CHALLENGES

16:20 - 17:00

PANEL: Who Should Be Responsible for Regulating AI?

Michael Natusch, Global Head of AI,
Prudential @cumulyst

Juergen Rahmel, Chief Digital Officer, HSBC
Germany @HSBC_DE

Eric Yeung, President, Smart City
Consortium

MODERATOR: Kristi L. Swartz, Managing
Partner, Bryan Cave @BryanCaveLLP

16:20 - 17:00

PANEL: From Innovation to Implementation in Healthcare

Efstratios Tsougenis, Overseas Technical
Engineer, Insight Medical Technology

Liza Lichtinger, CEO, Future Design Station

Kevin Ko, Assistant Professor, National
Taiwan University Hospital

MODERATOR: Hanif Kanji, Founder & CEO,
Sinophi Healthcare

17:00 - 18:00 NETWORKING DRINKS

17:00 - 18:00 NETWORKING DRINKS

Networking drinks will be served from **5-6pm on the Ballroom Foyer Steps.**

Please take your agenda with you and bring back tomorrow to *reduce on paper use!*

Book your place at a future RE•WORK Summit in the next 2 weeks using the Alumni code: **ALUMNIHK** for **25%**

Doors will open at **8.45am** tomorrow. *See you then!*



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STARTUP SESSION

HEALTHCARE APPLICATIONS

09:25 - 09:35

Linguistics AI Training Service

Willie Lee, Co-Founder, imago

09:30 - 09:55

Longenesis: Returning the Control over Personal and Medical Data Back to the Individual Using Ai-Driven Blockchain Solutions

Alex Zhebrak, CTO, Insilico Medicine

@InsilicoMed

09:35 - 09:55

Applying Machine Learning in On-Demand Logistics

Michal Szczecinski, Head of Analytics and Data Science, GoGoVan

09:55 - 10:20

Diagnostics and Personalisation in Skin Care via Artificial Intelligence

Ankur Purwar, Principal Scientist, Procter & Gamble *@ProcterGamble*

09:55 - 10:15

Applications of Facial Micro-expression Analysis to Finance

Ray Horan, CEO, Emotics *@rayhoran*

10:15 - 10:35

Multilingual text processing (NLP)

Ken Yeung, Co-Founder, Clare.ai

@clareai_chatbot

10:20 - 10:50

Tencent AIMIS: AI-Powered Diagnostic Medical Imaging System

Yefeng Zheng, Director of Medical AI, Tencent Youtu Lab @

@TencentGlobal

10:35 - 10:55

AI in Investing

Darko Matovski, CEO, causaLens

@causalens

10:50 - 11:30

COFFEE

10:55 - 11:30

COFFEE

AI APPLICATIONS: FINANCE

11:30 - 11:50

Machine Learning in the Context of Central Banks and Policy Analysis

Subin Liengpunsakul, Deputy Director & Chinnawat Devahastin Na Ayudhya, Data Scientist, Bank of Thailand
@Bankofthailand

11:50 - 12:10

Banking Operation Automation with AI Techniques

Martin Qiao, Lead Architect for Machine Learning Automation, HSBC *@HSBC*

AI APPLICATIONS: ENERGY

12:10 - 12:30

Using Big Data & AI to Optimise Wind Farm Performance

Vidal Fernandez, Director of Big Data, China Light & Power Holdings

AI APPLICATIONS: RECRUITMENT & RETAIL

12:30 - 12:50

Why Settle? Using Machine Learning to Help People Find New Opportunities

Kendra Vant, Principal Data Scientist, Seek Limited *@SeekJobs*

12:50 - 13:50

LUNCH

ASK THE EXPERTS

11:30 - 12:00

ASK THE EXPERTS: Roundtable Discussion

With Insilico Medicine, P&G and Tencent Youtu Lab

12:00 - 12:20

Balancing Machine Learning & Linguistic Rules in Development an AI Health Coach Chatbot

Amice Wong, Founder, BACHcode

12:20 - 12:40

The Genetics Movement: From Treatment to Prevention in Health

Danny Yeung, CEO, Prenetics *@prenetics*

12:40 - 13:45

LUNCH

13:50 - 14:10

Improving the Efficiency of a Data Center

Rajan Kumar Upadhyay, Machine Learning Technical Expert, DHL
[@DHLGLOBAL](#)

13:45 - 14:10

AI Powered Clinical Trial Design

Fei Jiang, Assistant Professor, The University of Hong Kong [@HKUniversity](#)

14:10 - 14:30

A Flexible answer to Retail CRM: an Ensemble Engine for Customer Management

Yu-Xi Chau, Data Science Manager, A.S. Watson Group [@ASWastonGroup](#)

14:10 - 14:30

Muzi: Incentivized Remote Health Diagnosis

Agustina Fainguersch, Co-Founder, Muzi [@agusfagus](#)

PLENARY SESSION

ALL ATTENDEES MOVE TO DIAMOND I

14:30 - 14:40

What Does Future AI Look Like?

Simon Lee, Chief Data Scientist, AXA

14:40 - 15:10

PANEL: Ethics & the Use of AI

Simon Lee, Chief Data Scientist, AXA
Noah Silverman, Founder, Helios.ai [@noah_phd](#)
Anik Dey, Head of Product, EMOS Tech

MODERATOR: Nick White, AI Specialist, Independent [@nickwhite__](#)

15:10 END OF SUMMIT

