AGENDA

5 - 6 SEPTEMBER 2019
NEW YORK

DAY 1:

08:00  REGISTRATION & LIGHT BREAKFAST

09:00  WELCOME

Gene Beidl, Data Scientist, FINRA @FINRA

4TH INDUSTRIAL REVOLUTION IN FINANCE

09:15 - 09:40  Trends in Algorithmic Marketing and AI in Retail Finance

Anurag Setty, Lead Data Scientist, Barclays US @BarclaysBankUS

09:40 - 10:00  Federated AI for Banking and Finance

Alan King, Research Staff Member, IBM @IBM

10:00 - 10:25  Developing ML-Driven Customer-Facing Product Features

Marsal Gavalda, Head of Machine Learning, Square @MarsalGavalda

10:25 - 11:15  COFFEE

CUTTING EDGE RESEARCH ADVANCEMENTS: AI TOOLS & TECHNIQUES

11:15 - 11:35  Anomaly Mining: Detection, Explanation, Interaction

Leman Akoglu, Associate Professor, Carnegie Mellon University @leman_akoglu

11:35 - 12:00  Financial Applications of Reinforcement Learning

Igor Halperin, Professor of Financial Machine Learning/AI Asset Management Lead, NYU/Fidelity Investments @nyuniversity

APPLIED RESEARCH

12:00 - 12:25  Applications of Academic Theory and Quant Techniques in Securities Lending

Yasser El Hamoumi, Assistant VP, Trading & Algorithmic Strategist, State Street @StateStreet
Travis Whitmore, Quantitative Researcher, State Street @StateStreet

12:25 - 13:30  LUNCH
INVESTMENT & AI

13:30 - 13:50
Recent Developments in Options Hedging
Frédéric Godin, Assistant Professor, Concordia University @Concordia

13:50 - 14:10
Identification of Investment Decision Process Using Online Inverse Optimization
Shi Yu, Principal Data Scientist, Vanguard @Vanguard_Group

PRACTICAL TAKEAWAYS

14:10 - 14:30
How To Set Up a Successful AI Center of Excellence Within Global Markets
Paras Parekh, Head of AI & Machine Learning, Credit Suisse @CreditSuisse

14:30 - 14:50
The Age of AI at Mastercard
Rohit Chauhan, Executive Vice President for Artificial Intelligence, MasterCard @Mastercard

14:50 - 15:10
The Cognitive Enterprise: Reinventing Your Company With AI
Alan King, Research Staff Member, IBM @IBM

15:10 - 15:50
COFFEE

TRANSPARENCY, BIAS & RESPONSIBLE AI

15:50 - 16:30
PANEL: How Do We Ensure The Ethical Development of AI in Finance?
Zachary Hanif, Senior Director of Machine Learning, Capital One @CapitalOne
Aaron Roth, Associate Professor, University of Pennsylvania @Aaroth
Emma Maconick, Partner, Shearman & Sterling LLP @ShearmanLaw
MODERATOR: Natalia Bailey, Associate Policy Advisor, Institute of International Finance @IFF

16:30 - 17:00
J.P. Morgan AI Research: Who We are and What We’re Doing
Tucker Balch, Managing Director, J.P. Morgan AI Research @jpmorgan

17:00 - 18:00
CONVERSATION & DRINKS
DAY 2:

08:00  DOORS OPEN

09:00  WELCOME

Shi Yu, Principal Data Scientist, Vanguard @Vanguard_Group

INNOVATIVE AI FOR FINANCE

09:15 - 09:35  Build Relationship Capital and Grow the Bottom Line with AI

Adam Stewart, Director, Technical Solutions, Introhive @introhive

09:35 - 09:55  Next Generation NLP for Finance

Emmanuel Vallod, CEO, SumUp Analytics

09:55 - 10:20  Text Classification with Small Datasets Using Deep Transfer Learning

Hanoz Bhathena, Data Scientist, Machine Learning, UBS @UBS

10:20 - 11:05  COFFEE

APPLIED AI IN FINANCE: USE CASES

11:05 - 11:25  Smart Index Management With AI

Sophie Chen, Data Scientist, Nasdaq @Nasdaq

11:25 - 11:45  Machine Learning and Cognitive Automation for Documents - Extending the Value of Your BPM and RPA Investments

Paula Sanders, Vice President Global Customer Enablement, ABBYY @ABBYY_Software

11:45 - 12:05  Coincident Indicator for the Colombian Economy

Carlos Ignacio Patiño-Florez, Analytics Capabilities Manager, Bancolombia @Bancolombia
Arturo Gonzalez, Quantitative Analyst R&D, Bancolombia @Bancolombia

12:05 - 12:25  The Role of ML in Anti-Money Laundering

Kishore Karra, Vice President, Model Risk Governance & Review, J.P. Morgan @jpmorgan

12:25 - 13:30  LUNCH
FUTURE OF AI IN FINANCE

13:30 - 13:55  Machine Learning and Artificial Intelligence in Banking
Artit Wangperawong, Distinguished Engineer AI, U.S Bank @usbank

13:55 - 14:20  The Future of High Wealth Individuals Investment Advisors
Ron Wu, Machine Learning Engineer, Morgan Stanley @MorganStanley

14:20 - 15:00  PANEL: How Can We Overcome Obstacles to Capturing ROI in AI & Machine Learning?
Kamalesh Rao, Senior Data Scientist, Société Générale @SocieteGenerale
Bindu Reddy, CEO & Co-Founder, RealityEngines.AI @bindureddy
Zachary Glassman, Data Scientist, UBS @UBS
MODERATOR: Valentino Zocca, Vice President - Data Science, Citi @ItalyHighTech

15:00  END OF SUMMIT
DEEP DIVE SESSIONS

Day 1

10:30 - 11:10  New to AI in Finance & Insurance? Time to Ask Qs!
Networking & Ask the Experts During the Coffee Break  
Hub One

12:30 - 13:25  Lunch & Learn
Roundtable Discussions with Industry Leaders in Finance & Insurance  
Hub One

13:50 - 14:30  Exploring AI for Financial Compliance
Deep Dive Presentation with Jean-Marc Levy, CEO, Complysci @JMLevyNY  
Hub One

15:15 - 15:50  Talent & Talk
Find Out Who Is Hiring!  
Hub Two

Day 2

09:15 - 10:15  Explainable Automated Machine-Learning for Forecasting Financial Asset Prices
Introductory Tutorial with Sou-Cheng Choi, Research Associate Professor, Illinois Institute of Technology @illinoistech  
Hub Two

10:20 - 11:05  Investing in FinTech & InsurTech AI Startups
VC Panel & Networking with Investors
Noorjit Sidhu, Investor, Plug and Play Ventures @PlugandPlayTC
Devin Devrai, Associate, American Family Ventures @AmFamVentures
Josh Cohen, Principal, Liberty Mutual Strategic Ventures @LibertyMutual
Deborah Barta, Senior VP, Innovation & Startup Engagement, Mastercard @debbiebarta
MODERATOR: Tyler Lange, Corporate Partnerships Manager, Plug & Play Tech Center @PlugandPlayTC  
Hub One

11:25 - 11:55  AI Powered Real-Time Analytics on Exchange Traded Options
Presentation with Bill Lin, Senior Data Scientist, Nasdaq @Nasdaq  
Hub Two

12:25 - 13:20  Lunch & Learn
Roundtable Discussions with Columbia Organization of Rising Entrepreneurs (CORE) @ColumbiaEntrep  
Hub One

13:30 - 14:05  Near Real-Time Data: The Beauty of Pub/Sub Systems and Getting Started with Kafka
Tutorial with Jameson Tucker Allen, Data Engineer, Chubb @Chubb  
Hub Two