

# AGENDA

15-16 MARCH 2018  
LONDON

# DEEP LEARNING IN FINANCE SUMMIT

@reworkFINANCE

#reworkFIN

Wifi: etcvenues

Pw: wifi5048

DAY 1:

08:30 REGISTRATION

09:15 WELCOME

Claire Calmejane, Director of Innovation, Lloyds Banking Group @ccalmeja

## DEEP LEARNING METHODS & TOOLS IN FINANCE

09:30 - 09:55 Interpreting Machine Learning Models

Soledad Galli, Lead Data Scientist, LV= @lv

09:55 - 10:20 Horses for Courses: Deep Learning Beyond Niche Applications

Michael Natusch, Global Head of AI, Prudential @Prudential

10:20 - 10:45 Fireside Chat: Prudential & P2P Finance News

Michael Natusch, Global Head of AI, Prudential @Prudential  
Suzie Neuwirth, Founder & Editor-in-chief, Peer to Peer Finance News @P2Pfinancenews

10:45 - 11:30 COFFEE

## DEEP REPRESENTATION LEARNING

11:30 - 11:55 Deep Representation Learning for Disparate Data

Huma Lodhi, Lead Data Scientist - AI & ML SME, Direct Line Group @DirectLine\_UK

## DECISION MAKING & AI

11:55 - 12:20 Evaluating Algorithms: Why Your Conclusions are Wrong if you use the F-Measure & What to do About it

David Hand, Sr Research Investigator & Professor, Imperial College @imperialcollege

## RECOMMENDER SYSTEMS

12:20 - 12:45 Banking Products Recommender System

Horia Velicu, Head of Innovation Lab, BRD - Groupe Societe Generale @kindly\_ai

12:45 - 13:50 LUNCH

## NLP & SENTIMENT ANALYSIS

13:50 - 14:10 The Future of Finance - Dynamic Banking with NLP

Adam McMurchie, DevOps Tooling Specialist & SME, RBS @McMurchie

14:10 - 14:30 Volatility: your Enemy or your Friend? A Deep Learning Solution

Matteo Testi, CEO & Founder, Deep Learning Italia

## DEEP LEARNING & FRAUD DETECTION

14:30 - 14:50 Privacy-preserving Machine Learning in Finance

Jordan Brandt, CEO & Co-Founder, Inpher @inpher\_io

14:50 - 15:35 COFFEE

15:35 - 15:55 Enforcing Sanity in a Black Box Models: Gated Neural Networks for Option Pricing

Timothy Hospedales, Associate Professor, Uni of Edinburgh & QMUL @EdinburghUni

## DEEP LEARNING FRAMEWORKS

15:55 - 16:20 End-to-End Platform Support for Distributed Deep Learning in Finance

Jim Dowling, Associate Professor, KTH Royal Institute of Technology @kthuniversity

16:20 - 17:00 PANEL: What are the Key Challenges & Risks of Implementing AI Into the Financial Sector?

Elena Chatzimichali, Data Scientist, HSBC Global Banking & Markets @hsbc\_uk

AJ Hashim, Head of Innovation & Emerging Tech, Barclays @barclayscorp

Karthik Ramakrishnan, Director of Industry Solutions, Element AI @element\_ai

Moderator: John Spindler, General Partner, AI Seed @capenterprise

17:00 - 18:00 Conversation & Drinks

DAY 2:

08:30 DOORS OPEN

09:15 WELCOME

Luigi Troiano, Assistant Professor, **University of Sannio** @lgtroiano

**STARTUP SESSION**

09:30 - 09:50 **Implementing Deep Learning Models**

Marco Javarone, Senior Researcher, **nChain** @marco\_java

09:50 - 10:10 **Learning to Trade**

Filippo Scopel, Machine Intelligence Engineer, **Merantix** @Merantix

10:10 - 10:30 **How Can Adoption of Machine Learning Be Accelerated in the Financial Sector?**

Rajeev Dutt, CEO, **DimensionalMechanics** @DMInc\_AI

10:30 - 10:50 **Data for Smart Advice in Life Insurance**

Blaise Ngonmang, Chief Data Officer, **Anorak Technologies**

10:50 - 11:35 COFFEE

**DEEP LEARNING APPLICATIONS IN FINANCE**

11:35 - 11:55 **Using Deep Learning to Address Transactional Credit Card Fraud**

Javier Campos, Head of Data Labs, **Experian** @Experian

11:55 - 12:15 **Risk Analysis Using Deep Learning Techniques**

Andreas Hoepner, Prof. Operational Risk, Banking & Finance, **Uni College Dublin**

12:15 - 12:35 **Deep Learning in Trading Systems**

Luigi Troiano, Assistant Professor, **University of Sannio** @lgtroiano

12:35 - 12:55 **Learning and Improving Factor Models**

Arjun Bhandari, Chief Investment Officer, **Family Office**

12:55 - 14:00 LUNCH

## PRIVACY, SECURITY & ETHICS - Plenary Session with Retail & AI Assistant Attendees

14:00 - 14:10

### The AI Landscape

Aditya Kaul, Research Director, **Tractica** @kaulout

14:10 - 14:35

### PANEL: Have Security & Privacy Risks Become the Ultimate Obstacle for AI & its Rapid Growth?

Shahar Avin, Postdoc Research Associate, **Centre for the study of Existential Risk**

@CSERCambridge

Catherine Flick, Sr Lecturer in Computing & Social Responsibility, **De Montfort University**

@dmuleicester

Mariasaria Taddeo, Research Fellow, Oxford Internet Institute & Deputy Director,

**Digital Ethics Lab** @oiioxford

**Moderator:** Bianca Furtuna, Data Scientist, Elastacloud @elastacloud

14:35 - 15:00

### PANEL: Ethics and AI

Lucy Yu, Director, Public Policy, **FiveAI** @\_FiveAI

Yasemin J. Erden, Senior Lecturer, Philosophy, **St Mary's University** @YourStMarys

Ansgar Koene, Sr Research Fellow, **Horizon Digital Economy Research Inst. & Uni of Nottingham**

@arkoene

**Moderator:** Phil Westcott, Co-Managing Director, **Filament.ai** @FilamentAI

15:00

END OF SUMMIT

## WORKSHOPS & BREAKOUTS

### DAY 1

11:30 - 12:15

### Transforming Customer Service with Multilingual Conversations

Vasco Pedro, Co-founder & CEO, **Unbabel**

### DAY 2

14:15 - 17:00

### Startup Mentoring Breakout Session

Startup Mentoring Session with VCs and Industry Experts