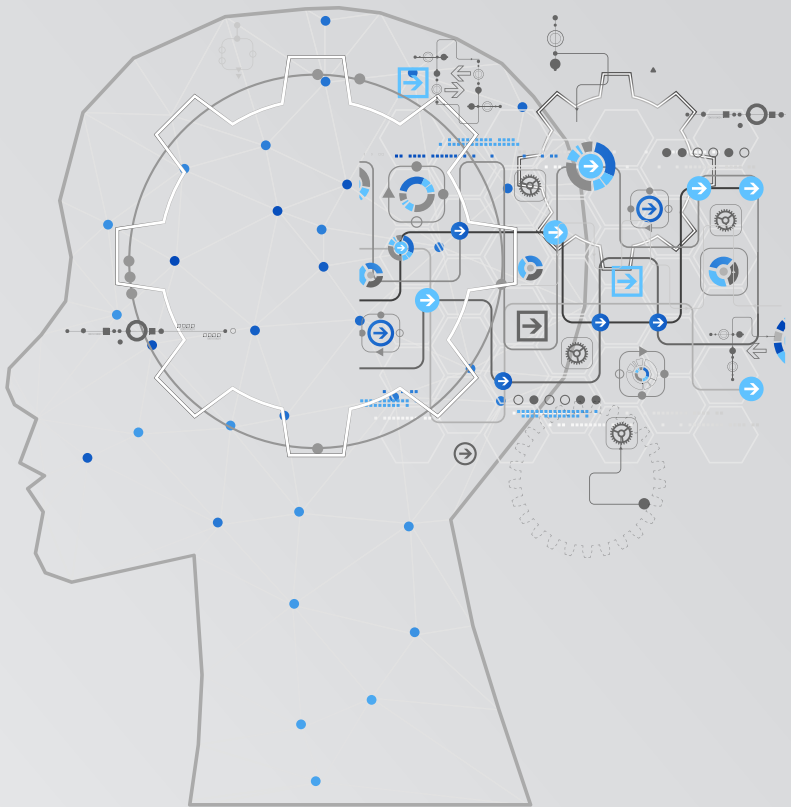




# 4<sup>th</sup> European Conference on Artificial Intelligence in Finance and Industry

Thursday, 5<sup>th</sup> September 2019



# Schedule

- 09:00 Registration **(TN Foyer)**
- 09:30 Dirk Wilhelm: «Welcome and Introduction» **(TN E0.46-54)**
- 09:40 Carlos Härtel: «Minds & Machines – Towards the Digital Industrial Company» **(TN E0.46-54)**
- 10:30 **Coffee (Foyer TN)**



Keynote Speaker:  
Carlos Härtel

## AI in Finance (TS O1.40)

- 11:00 Martin Rehak: «AI vs. AI - Intelligent Attacks on Automated Financial Decisions»
- 11:30 Saeed Amen: «Introduction to Natural Language Processing»
- 12:00 Matthew Dixon: «Regime Switching Recurrent Neural Networks»
- 12:30 Lunch (Foyer TN)**

- 14:00 Mario Wüthrich: «Yes, we CANN!»
- 14:45 Regina Betz: «Transfers of Kyoto units in the Swiss Emissions Trading Registry: A network analysis from 2007-2014»
- 15:15 Martin Hillebrand: «Predicting Investor Behaviour in European Bond Markets. A Machine-Learning Approach»

## 15:45 Coffee (Foyer TN)

- 16:15 Aleksandra Chirkina/Richard Jeroense: «Affinity is in the AIRS: personalized investment recommendations delivered to the clients E-Services»

16:45

## 17:00 Apéro (Foyer TN)

## AI in Industry (TN E0.54)

- Christian Fehrlin: «Artificial intelligence will change the world forever»
- Michael Rupprecht: «AWS Machine Learning – centerpiece of digital transformation»
- Peter Staar: «AI assisted Scalable Knowledge Ingestion for Automated Discoveries»

## Lunch (Foyer TN)

- Jochen Klages: «Deep Learning and Spectroscopy»
- Milos Cernak: «Applied Machine Learning at Logitech»
- Marc Rudolf: «Korean AI for Swiss Industry»  
Taikyeong Ted. Jeong: «AI for Behavioral Intelligence and Secure-Open Frame work (S-OFW)»

## Coffee (Foyer TN)

- Milica Kalic: «Artificial Intelligence in Air Transport Industry: Airline schedule redesign in a case of disturbance»

- Nima Riahi: «Addressing Complex Rail Transport Problems with Artificial Intelligence: The High-Level and the Low-Level»

## Apéro (Foyer TN)



**die Mobiliar**

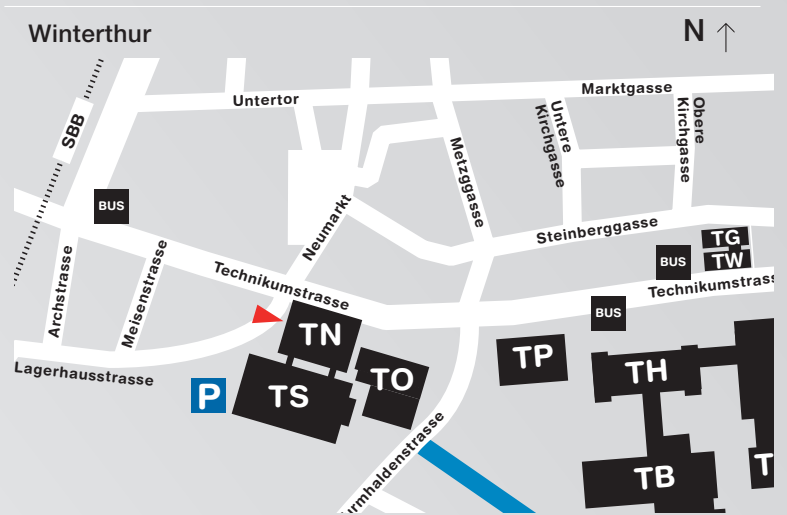


## **Big Data and Automation in Finance (TN E0.46)**

- 11:00 Jörg Behrens: «Automation in the Financial Industry: The biggest challenges»
- 11:30 Nils Bundi: «Smart Contracts, ACTUS and Blockchain»
- 12:00 Jean-Marc Eber: «Contract-based Automation for Derivatives»
- 12:30 Lunch (Foyer TN)
- 14:00 Martin Müller Lennert & Milica Petrovic: «Automated Data Quality Assurance with Machine Learning»

## **Ethical Questions in AI (TN E0.46)**

- 14:45 Karin Lange: «Digital Responsibility: It's all about people, not machines»
- 15:15 Teresa Scantamburlo: «The AI4EU Observatory on Society and Artificial Intelligence»
- 15:45 Coffee (Foyer TN)**
- 16:15 Natalie Pompe: «AI Innovation in emotional analysis»
- 16:45 Christoph Heitz: «Algorithmic Fairness: A Major Challenge Area for Ethics of Data-Based Business»
- 17:15 Apéro (Foyer TN)**



Place

ZHAW Winterthur, Eulachpassage, Technikumstrasse 71,  
8401 Winterthur, Room TN E0.46/E0.54

Organisation  
Committee

Jörg Osterrieder  
Andreas Henrici  
Wolfgang Breyman  
Rudolf Fuchsli  
Peter Schwendner  
Dirk Wilhelm