



ARTIFICIAL INTELLIGENCE INVESTOR CONFERENCE

March 30, 2017 HOSTED BY: NEXTGEN ALPHA

Program Overview

The one-day event is by invitation only to be held **March 30, 2017** at the **Sheraton Frankfurt, Airport Hotel & Conference Center**. Space is limited and reserved for qualified professional/institutional investors. Pre-registration is required.

**Conference program is comprised of 6 presentations delivered by a diversified range of investment management firms (see below speaker biographies) who will share practical experiences in relation to their artificial intelligence based investment products.*

9:00 - 10:00 Registration & Coffee Buffet

Morning program

10:00-10:15 Welcome, Fred Sage, NextGen Alpha

10:15-11:00 Presentation 1
A.I. Machines - Alessandro Di Soccio

11:00-11:45 Presentation 2
Autonomous Capital - Dr. Stefan Ruile

11:45-13:15 Lunch

Afternoon program

13:15-14:00 Presentation 3
Cognitive Trading - Volker Dischler and Julian Moore

14:00-14:45 Presentation 4
GAM Systematic - Dr Matthew Killeya

14:45-15:15 Coffee break

15:15-16:00 Presentation 5
Maj Invest - Kurt Kara

16:00-16:45 Presentation 6
Quantenstein - Dr. Jonathan Masci

16:45-17:15 Fred Sage, summing up the day and Q&A

17:15-18:30 Cocktails

*Q&A included during presentations

*See below speaker biographies

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Speaker Biographies

Autonomous Capital



Dr. Stefan Ruile is an entrepreneurial investor, advisor and executive in early stage fin tech and technology businesses. As a co-founder of Autonomous Capital, he lives his passion for capital markets and investment strategies, and shaping businesses operationally at the same time. Previously, he was Chief Investment Officer of a Zurich-based Multi Family Office, where he was responsible for the investment side and covering a range of other family office services. Prior, he was in a similar function in a German Single Family Office. Earlier, Mr. Ruile was with Deutsche Bank, where he specialized in asset management, family office and ultra high net worth clients. Stefan has more than 15 years of experience in the financial services industry, a strategy consulting background from working with management consultants Bain & Company and holds a Ph.D. in Physical Chemistry from Swiss Federal Institute of Technology, Lausanne, Switzerland.

Autonomous Capital was founded by a group of entrepreneurs including the bioinformatics professor and highly reputed expert for digital pattern recognition Peter Beyerlein, life sciences venture capitalist and business angel Marc Lohrmann, and asset management and investment strategy expert Stefan Ruile.

Cognitive Trading



Volker Dischler, CEO at Cognitive Trading

Volker has 25 years' experience in the financial industry, and is Head of Quantitative Research at Invest in Heads – a global equity funds management company (value investing) specialized on management valuation. He studied business administration at the University of Cologne, and wrote his diploma thesis on financial forecasting and trading systems based on artificial intelligence (Prof. Büschgen) and led workshops on neural networks in finance; he also won a New York scholarship from Deutsche Bank.

Before founding Quant Trading in 2005, he implemented hybrid (ANN, GA, fuzzy logic) trading systems for Goldman Sachs, launched the division technical trading systems & managed futures at Portfolio Concept, and worked in Equity Derivatives Trading at WestLB. He was also responsible for project management of AI-based investment strategies in a collaboration with Siemens-Nixdorf.



Julian Moore, Head of Algorithmic Insight at Cognitive Trading

Before becoming an independent Business Analyst (currently at the European Commission), Julian was a director of UK & US companies and latterly, COO European Operations for an Australian VC-funded simulation and optimisation company working in the field of aviation.

He has a BSc (Honours) in physics from Bristol University and has produced articles and interviews with leaders in the philosophy and practice of AI & machine learning (Prof. John Searle, UC Berkeley and Prof Igor Aleksander, Imperial College London) for *Philosophy Now* magazine. Following an introduction by the famous AI theorist Prof. Margaret Boden, he was also an invited member of the Complexity Research Group at the London School of economics.

Apart from AI & machine learning, Julian has an active research programme concerning the existence of Closed Timelike Curves in Einstein's General Theory of Relativity.

GAM Systematic



Dr Matthew Killeya

Head of Research, Cantab – Part of GAM Systematic.

Dr Matthew Killeya is Head of Research at Cantab Capital Partners, which became part of GAM Systematic in October 2016. His primary focus is on strategy development and he has driven ideas in all areas of the portfolio. His current interests include the application of Bayesian analysis to the investment problem, the use of information from options markets for strategy signalling, and short term prediction and optimisation for execution algorithms.

Matt Killeya has spent over ten years in the industry implementing and managing systematic strategy research and was previously a senior managing researcher at Winton Capital Management. Matt Killeya holds a PhD in Bayesian statistics and a first class Master of Mathematics degree from Durham University.

Maj Invest A/S



Kurt Kara, Head of the Global Value Equities

Mr. Kara joined Maj Invest in 2004, and has been responsible for managing the Global Value equities strategy since its inception. Prior to joining Maj Invest, Mr. Kara worked as an equity strategist at Danske Bank. Previously he held a position as portfolio manager at Danske Capital for the Danske Invest Latin American Equities fund. Mr. Kara holds an MSc in Economics from the University of Copenhagen.

The Maj Invest group was formed in 2005 as a spin off from the Danish pension fund Lønmodtagernes Dyrtidsfond “LD”. Initially the majority ownership was held by LD, together with three other Danish institutional investors PKA, Realdania and PBU. Today the majority ownership (94%) is held by management and employees. The group comprises seven companies: Maj Invest Holding A/S, Fondsmæglerselskabet Maj Invest A/S “Maj Invest”, Maj Invest Bank A/S, Maj Invest Equity A/S and three companies related to international private equity funds.

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Quantenstein GmbH



Dr. Jonathan Masci is co-founder of NNAISENSE SA and managing director at Quantenstein GmbH. His main interests are Deep Learning, Machine Learning, and their applications to Computer Vision and pattern recognition, in particular Time-series data analysis and non-Euclidean learning. During his PhD he developed algorithms for the leading steel manufacturing company ArcelorMittal, with the first application to date of deep learning in this industry. He also participated in several pattern recognition contests and won, with better than human accuracy, the IJCNN German Traffic Sign competition in 2011.

Quantenstein is a 50/50 joint venture between ACATIS and NNAISENSE. The purpose of this joint venture is to develop artificial intelligence models in the area of long-term value investing, i.e. automated and self-learning investment strategies. Quantenstein can be used to design tailored and performance-optimised investment portfolios for a defined investment universe and specified restrictions (e.g. dividend yield, holding period, drawdown). Quantenstein integrates stock selection and portfolio design in one single process (end-to-end architecture).

A.I. Machines



Alessandro Di Soccio

Alessandro is co-Founder of A.I. Machines, an artificial intelligence technology company with a 7 year history of operating machine learning based investment strategies. He is responsible for the design, development and management of its software engine and of all investment and asset allocation strategies derived from it. Alessandro has 18 years of systems development, portfolio management and cross asset solutions experience. Previously, he was a Director of Citigroup (proprietary and client capital unit with over \$50 billion of unlevered assets under management, 2003-2006), an Associate Director of Asset Alliance (investment firm with \$5 billion of assets under management, 2000-2003), and worked in mergers and acquisitions at Ermgassen (M&A advisory firm, 1999-2000). Alessandro holds a BS and MS degree in Economics from Bologna University's School of Economics, Management and Statistics.