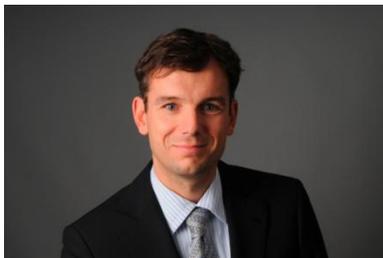# ARTIFICIAL INTELLIGENCE INVESTOR CONFERENCE

March 30, 2017 HOSTED BY: NEXTGEN ALPHA

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.

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 Visi-on 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).

TITIAN LLP

Alessandro Di Soccio

Alessandro is a Managing Partner of TITIAN, a London based financial technology firm with a 7 year history of operating machine learning based investment strategies, which he co-founded in 2006. He is responsible for the design, development and management of TITIAN's software engine and of all asset allocation strategies and portfolio risk management solutions derived from it. Alessandro has 17 years of systems development, portfolio management and cross asset solutions experience. Previously, he was a Director at Citigroup in London (proprietary and client capital unit with over $50 billion of unlevered aum at its peak, 2003-2006), an Associate Director at Asset Alliance (investment management firm with $5 billion in aum at its peak, 2000-2003), and worked in mergers and acquisitions at Ermgassen & Co (M&A advisory firm, 1999-2000). Alessandro graduated with a BS and MS degree in Economics from the University of Bologna's School of Economics, Management and Statistics.

Marco Fasoli, PhD

Marco is a Managing Partner of TITIAN, a London based financial technology firm with a 7 year history of operating machine learning based investment strategies, which he co-founded in 2006. He is responsible for the design, development and management of TITIAN's software engine and of all asset allocation strategies and portfolio risk management solutions derived from it. Previously he was a Managing Director of Jefferies (investment bank, 2003-2006), a Managing Director and Partner of Broadview (technology investment bank, 1997-2003), a Director and Partner of Putnam, Hayes & Bartlett (econometric consultancy, 1993-1997), and a Senior Associate at Booz Allen & Hamilton (technology consultancy, 1989-1993). Marco holds BA, MA and PhD degrees in Natural Sciences (Biochemistry) from Cambridge University. Marco's PhD was sponsored by the UK Science and Engineering Research Council and his PhD thesis resulted in the publication of multiple papers in leading scientific journals, including the Annals of the New York Academy of Sciences.