THE TRADING SHOW

WEST COAST 2017

Co-located with:

BIG DATA IN FINANCE

AUTOMATED TRADING

February 7, 2017
Parc 55 Hotel
San Francisco, California

Asterisk (*) denotes that a speaker has been invited, but not confirmed.

8:00	**Breakfast & Registration**
8:55	**Chairperson's Opening Remarks** **Donald Putnam,** CEO, **Manifold Partners**
9:00	**Opening keynote: Global market vital signs – what are key indicators telling us about the health of the global economy?** • **Central bank policy** – how is worldwide quantitative easing and monetary initiatives impacting global economic growth, interest rates, volatility and overall market stability? • **Geopolitical events** – Brexit aftershock, terrorism, war in Syria/Iraq, refugee crises, U.S./French presidential elections, European nationalism • **Survival strategies** – how can you best protect yourself in today's "schizophrenic" markets? Should investors be taking fewer risks? **Ben Bowler,** Global Head of Derivatives Research**, Bank of America Merrill Lynch**
9:20	**Global threats and opportunities in financial markets** • **Trump** – how will the incoming Trump administration impact global market dynamics? • **Brexit** – making sense of the long-term effects of Britain's exit from the European Union on market volatility, fiscal policy and global economic growth • **China** – is there a correlation between the Yuan and Bitcoin prices? • **Bitcoin, blockchain & FX markets** – is the real disruptive power in the coin or the underlying technology? How will digital currencies like Bitcoin ultimately affect forex trading and global finance? • **Alternative use cases for cryptocurrencies** – transferring frequent flyer miles, employee bonuses and other financial units **Axel Merk,** President & Chief Investment Officer, **Merk Investments LLC**
9:40	**Machine learning and data science in investment management** • Evolution of P2P lending • Evolution of machine learning – does artificial intelligence have a place here? • Gated data – can you do it with or without APIs? • Big data challenges – impedance mismatch & how do we scale • Defensible assets – what is your defensible asset? • What's next...?

	Austin Trombley, Co-Founder & CTO, **Random Forest Capital**
10:00	

10:40	<mark>**Interactive Roundtable Discussions (choose 1 session to join):**</mark>
	
	1. **Emerging managers – what do allocators look for when investing in start-up hedge funds?**
	
	    • **Ted Parkhill,** CEO & Co-Founder, **Incline Investment Management**
	
	2. **Blockchain – trends and developments for the deployment of distributed ledger technology in capital markets**
	
	    • **Stefen Choy,** Co-Founder, **Tech Trader Fund**
	
	3. **Cybersecurity – what should quants and traders know about protecting their digital assets?**
	
	    • **Jonathan Hsu,** Co-Founder, **Sigma Squared Asset Management**
	
	4. **Validation & feature engineering – how to separate the signal from the noise in big data analysis**
	
	    • **Bert Mouler,** Founder & CIO, **Profluent Capital**
	
	5. **Rise of the robo-advisors – threat or opportunity for traditional asset management?**
	
	    • **Boris Albul,** Chief Investment Officer, **QSF Capital Management**
	
	6. **Deep learning – applications for predicting market movements**
	
	    • **Baris Dundar,** Co-Founder, **Tulip Trading**
	
	7. **Freeware vs. commercial packages – what's the best data crunching platform for alpha generation research?**
	
	    • **Sean X. Li,** Senior Quantitative Researcher, **Ginkgo LLC**

11:20	**Panel: The future of forex – how will electronification and centralization revolutionize currency trading?**

	• What has held back the progression of centralized FX trading venues? • Can the allegations of rigging and collusion in FX markets be addressed through aggressive regulation and legislation, or is the ultimate solution the genesis of a centralized "one price fits all" forex exchange? • Will a continued shift toward electronic trading concentrate market share at an even fewer number of banks? • What lessons from other asset classes, particularly equities, should be heeded during this crucial transformational period for the FX market? **Moderator: Seth Freeman,** CEO, **EM Capital Management** **Tim Levandoski,** Vice President, **Eurex** **Sam Hou,** Founder & Chief Investment Officer, **True Arrow Capital Management**
12:00	**Panel: Alternative data – how can you leverage nascent data sources for alpha generation?** • **Nascent data applications –** how can you extract the alpha-generating properties from emerging sources like nanosatellites, drone imagery and Internet of Things? • **Datafeeds –** solutions for organizing and integrating market and reference data for benchmarking, performance measurement, quantitative analysis, application development and trade execution • **Underlying infrastructure –** how will firms maintain the necessary computational resources to uncover alpha-generating signals from expanding and diversifying data sources? Will in-memory applications become a critical component in all data management and analytics platforms? • **Exclusivity of dataset vs. data processing capability –** is one more important than the other when mining for alpha? • **Speed vs. veracity –** How are next-generation data vendors balancing performance and accuracy in the sub-millisecond delivery of real-time, ultra-low latent machine readable news and economic data? • **Alpha decay – i**s it sustainable to sell a packaged alpha product? If so, how are vendors offering packaged alpha products accounting for crowding and the resultant decay of the value with time? **Moderator: Conrad Gann,** COO, **Cerebellum Capital Management** **Pravil Gupta,** CTO, **Quadeye Trading** **Howard Getson,** CEO, **Capitalogix Trading**
12:40	**Networking Lunch**
2:00	**Using GPUs for alpha generation in computational finance** • **Overview of GPUs –** how does this massively parallel architecture deliver exponentially greater processing power than high-end CPUs?

	• **Current GPU applications in computational finance –** Monte Carlo analysis, clustering, portfolio optimization and other deep learning/big data functions • **Live tutorial –** kernel optimization demo using an evolutionary algorithm running on a GPU **Baris Dundar,** Co-Founder, **Tulip Trading**
2:20	**Integrating machine learning into fundamental-based quantitative equity investing** **Yves Chauvin,** Director, Investment Data Platform, **AXA Rosenberg** **Ben Gum,** Director Portfolio Optimization & Modeling, **AXA Rosenberg**
2:40	**Deep learning – a new framework for large sparse datasets** **Scott Le Grand,** Senior Scientist, **Teza Technologies**
3:10	**Afternoon Networking Break**
3:30	**Semantic technology – origins, principles and applications for financial services** • Defining and contextualizing the principles of semantic ontology • The importance of data standardization – how can semantics help create a common industry language, or financial "Rosetta Stone," and contribute to healthier, stabler and more transparent markets? • Semantics, distributed ledgers and smart contracts – how can these new technologies be leveraged to reduce counterparty risk? **David Newman,** SVP, Enterprise Architecture & IT Strategy, **Wells Fargo**
3:50	**Panel: Enterprise data management – what new HPC technologies, strategies and business models are you deploy the information lifecycle?** • **Standardization –** measuring the benefits of a common industry language, or financial Rosetta Stone, on operational efficiency & regulatory reporting • **Warehousing & integration –** best practices for building an enterprise data warehouse and unifying data anagement across different IT teams and departments • **Standardization –** measuring the benefits of a common industry language, or financial Rosetta Stone, on operational efficiency & regulatory reporting • **Storage –** how can you leverage cloud servers and software-defined data centers to managing the strain on storage capacity as the demand for new data sources and exponential growth in data creation continue unremittingly? • **Governance –** how to design an effective data governance strategy for managing regulatory risk and meeting compliance demands • **Roadblocks –** how can you overcome issues surrounding data quality and integrating big data technologies with legacy IT infrastructure?

	Monica Khurana, Chief Information Officer, **Victory Capital Management** **David Newman,** SVP, Enterprise Technology & Architecture, **Wells Fargo** **Louis Lovas,** Director of Solutions, **OneMarketData**
4:30	**Disrupting manager compensation – the case for a dynamic, incentivized pay structure based on return per unit of risk** • Identifying the problem with most active manager compensation structures – accounting for returns and not return per unit-of-risk • Implementing a dynamic framework that rewards superior risk-adjusted returns without overpaying in the event of deteriorating results • How a versatile and equitable pay structure can benefit fund managers and investors alike **John Netto,** Author, *The Global Macro Edge: Maximizing Return Per Unit-of-Risk* and President, **M3 Capital**
4:50	**Panel: Trading the Trump factor – a new source of portfolio alpha?** • **Trump, Twitter & market health** – measuring the relationship between Trump's Twitter sentiment, the overall market mood, and the short and longer-range price and volatility impact on companies, currencies and nations • **Presidential tweet risk** – what unintended consequences might emerge as a result of Trump's penchant for Twitter? • **Trump tracking algorithms** – will it be a viable strategy to develop algorithms designed to take advantage of short-term price discrepancies caused by a presidential tweet? • **Trump, regulations & economic growth** – how would Trump's proposed rollback of regulations impact U.S. economic growth? • **Foreign policy** – How will Trump's proposed isolationist policies impact U.S. markets and the global economy? **Kal Salama,** Chief Investment Officer, **The Headlands Group** **Julie Dixon,** President, **Titan Regulation** ***Dori Levanoni,** Partner, **First Quadrant**
5:30	**Fully autonomous trading – how next-generation AI systems can trade like humans without any manual intervention** • An AI that behaves more like a creature or child than anything mechanical or data-driven - why does that matter? • Quant and high frequency vs. fully autonomous trading – what are the differences? • Forecasting future developments in artificial intelligence and implications for financial markets – have we entered a second machine age? **William Mok,** Co-Founder, **Tech Trader Fund**
5:50	**Chairperson's Closing Remarks & Networking Cocktail Party**