

European  
Trading  
Architecture  
Summit 2016

November 17, London



● Panel sponsors:



● Co-sponsor:



● Hosted by:



 @WatersTech  
#EuTAS

[waterstechnology.com/etas](http://waterstechnology.com/etas)

**ADVERT - TBC**

# European Trading Architecture Summit 2016

November 17, London



## ● Welcome

Dear Colleague,

On behalf of *Waters* and *WatersTechnology*, I am delighted to welcome you to the sixth annual **European Trading Architecture Summit**. This year's conference is designed to provide you with the opportunity to learn about the latest trading and technology strategies and innovations that are driving the capital markets.

Technology has evolved as a key enabler and differentiator allowing capital markets firms to increase efficiencies and gain a competitive advantage. This year's agenda covers the latest technology advances with senior executives looking at the ways firms can harness artificial intelligence and the effect it is likely to have on your firm's investment strategies and security procedures. As the financial services industry moves beyond bitcoin, our panels will discuss whether digital-ledger technologies such as blockchain have the potential to revolutionise the way firms conduct their business on a day-to-day basis. The revised Mifid II deadline shouldn't be seen as an opportunity to relax; we have therefore dedicated a panel toward understanding its complexities and technology requirements in preparation for the January 2018 deadline.

Key highlights this year's ETAS event include:

- A keynote address from Stewart Carmichael, Chief Technology Officer, Schrodgers who will discuss the need for enterprise-wide transformation
- A second keynote presentation from Joerg Guenther, Chief Technology Officer EMEA and Global Head of Fund Accounting and Transfer Agency Technology, Northern Trust on "Transformation and Collaboration - a new Leadership Approach"
- A C-Level roundtable discussion with CTOs from Deutsche Bank, BNP Paribas and Northern Trust
- An exclusive guest presentation from Dr Artur d'Avila Garcez, Director of Research, Centre for Machine Learning, City University London on the black box of machine learning
- A packed agenda filled with discussions on the following topics: artificial intelligence and automation, blockchain and digital-ledger technologies, innovations in trading architecture, Mifid II, data analytics tools, front-office integration, and data governance
- Interactive champagne roundtables: Bring your questions, leave with answers!

Today promises to be packed with expert opinions and networking opportunities, featuring the best technology and trading strategies as well as effective tools for infrastructure and compliance.

If you require assistance during the day, please contact one of the following representatives from *Waters* and *WatersTechnology* at the event:

- Chandler Clark, Conference Co-Ordination – [Chandler.Clark@incisivemedia.com](mailto:Chandler.Clark@incisivemedia.com)
- Sorcha Williams, Conference Producer – [Sorcha.Williams@incisivemedia.com](mailto:Sorcha.Williams@incisivemedia.com)
- Phil Ansley, Commercial Manager – [Phil.Ansley@incisivemedia.com](mailto:Phil.Ansley@incisivemedia.com)

I would like to thank all of our speakers and sponsors for their contribution to this year's event. I hope you have an informative and enjoyable day. Please visit the exhibition hall during the coffee and lunch breaks to discuss today's topics and current solutions with representatives from our sponsors, and please join us at the cocktail reception to network with colleagues over drinks



Victor Anderson,  
Editor-in-Chief, WATERS and WATERSTECHNOLOGY



● Programme

8.20	<b>Registration and breakfast</b>	
8.50	<b>Welcome remarks: Victor Anderson</b> , Editor-in-Chief, WATERS AND WATERSTECHNOLOGY	
9.00	<b>Keynote address: "Enterprise Agile - re-wiring a 200-year old City institution"</b> <b>Stewart Carmichael</b> , Chief Technology Officer, SCHRODERS	
9.30	<b>All Star Panel - What are the C Suite doing now?</b> <ul style="list-style-type: none"> <li>What are the key talent challenges in implementing technology change within an organisation? What initiatives can you learn from other sectors that will help your firm secure and retain top talent?</li> <li>Building a technology culture in a financial firm- how do you make it work?</li> <li>Aligning trends and best practices for 2017: where are you investing in technology?</li> <li>Out with the old and in with the new: how are you implementing/upgrading systems to create a fully automated IT and trading function?</li> <li>Where are you looking for the best industry solutions regarding your systems architecture? Has there been a shift from the traditional vendor choices to smaller start-ups?</li> <li>What area of your technology architecture do you feel is being underserved right now?</li> </ul> <p><b>Joerg Guenther</b>, Chief Technology Officer EMEA and Global Head of Fund Accounting and Transfer Agency Technology, NORTHERN TRUST  <b>Jean-Michel Garcia</b>, Global Head of Infrastructure and Chief Technology Officer EMEA, BNP PARIBAS  <b>Hussein Badakhchani</b>, Vice President- Chief Technology Officer, DEUTSCHE BANK</p>	
10.10	<b>Debate: Man vs Machine - AI, Machine Learning and Automation</b> <ul style="list-style-type: none"> <li>To what extent can a firm use artificial intelligence to increase efficiency across the business?</li> <li>Does Artificial Intelligence pose new security threats, and how can it be effectively monitored?</li> <li>How will Artificial Intelligence affect your firm's investment strategies?</li> <li>Is Artificial Intelligence the answer to pre-trade and post-trade documentation issues, and to what extent does it pose compliance issues of its own?</li> <li>The argument for supervised vs unsupervised learning techniques in machine learning- does the latter cut the trader out completely?</li> <li>To what extent can Artificial Intelligence be imbedded within a firm's algorithmic trading practises?</li> <li>Which areas of the business can be automated in your firm? Have you encountered any difficulties in this?</li> </ul> <p><b>Chris Donnan</b>, Chief Technology Officer, TYLER CAPITAL  <b>Igor Lobanov</b>, Head of Systems Architecture, LEGAL AND GENERAL  <b>Andy Steele</b>, Global Head of Reference Data Operations &amp; Technology, BARCLAYS (Pending approval)</p>	
10.50	<b>Morning break and networking</b>	
11.15	<b>STREAM ONE: ENHANCING YOUR TRADING CAPABILITIES: TRADING STRATEGIES AND INFRASTRUCTURE</b> <b>Opening remarks by Chair</b>	<b>STREAM TWO: IMPROVING YOUR DATA TO BETTER YOUR TRADING DECISION MAKING</b> <b>Opening remarks by Chair</b>
11.20	<b>Panel 1: Innovation in your Trading Architecture</b> <ul style="list-style-type: none"> <li>How does your organisation identify areas to introduce innovation to trading architecture?</li> <li>How can you structure your firm's architecture to support future innovation and changes in technology?</li> <li>To what extent do intra-day risk calculations impact your underlying trading architecture?</li> <li>Which areas of the business are right for innovation?</li> <li>How does hardware affect your ability to innovate and how can hardware providers assist in this regard?</li> <li>To what extent are your technologists included in business decisions to ensure there is no information deficit?</li> <li>What front-office trading functions are you turning over to vendors as opposed to two years ago?</li> <li>How can technology vendors help with innovation throughout the organisation?</li> </ul> <p>Moderator: <b>Anand Paul</b>, Project Manager, CREDIT SUISSE  <b>Richard Bell</b>, Head of Exchange and Market Access IT, BNP PARIBAS  <b>Stef Weegels</b>, Business Development Director, VERNE GLOBAL  <b>Sadiq Javeri</b>, Head of Product Strategy - Capital Markets and Enterprise Risk, MISYS</p>	<b>Panel: Data Analytics to support your trading Strategy</b> <ul style="list-style-type: none"> <li>How do you handle data quality issues in an automated way?</li> <li>What are the current solutions in place to innovate the way firms approach analytics?</li> <li>The consolidation of legacy systems into a single platform- has your firm seen an increase in the consistency of calculations and data delivery?</li> <li>Is there a need to integrate data science into your trading strategies?</li> <li>How can we keep up with the ever-growing market for analytics tools? What vendors have you worked with to ensure maximum efficiency?</li> <li>Has your firm created a solution in predicting trading decisions? Has the profiling of traders and data helped you in your challenge?</li> <li>How are you developing artificial intelligence strategies to find an effective analytics solution? How can a firm create self-learning algorithms?</li> </ul> <p>Moderator: <b>Justin York</b>, Senior Trainer, RUBICON COACHING  <b>John Denheen</b>, Head of Data, TYLER CAPITAL</p>



Waters Technology have partnered with Grip to better facilitate networking at the European Trading Architecture Summit. Download the app now to join the event community <https://bnc.lt/m/ttid1qOdBx>.

November 17, London

## ● Programme

**12.00** **Panel 2: Office Integration & Interoperability**

- Do you think that OMS and EMS should be linked, or decoupled for maximum efficiency?
- How do you decide between 'best of breed' systems or integrated systems? Is it still an either/or discussion?
- To what extent are trading turrets able to satisfy all your trading and communication requirements?
- Incorporating Transaction Cost Analysis into your front office systems to measure the effectiveness of trading
- The importance of connectivity to all venues (including dark pools and pockets of liquidity) and how to choose a suitable provider to manage these needs
- Examining how trading functions are embarking on transformation across their infrastructure - is there a push for greater trading infrastructure transformation and who is demanding it?

Moderator: **Nick Green**, Global Head of IRD e-Business Product Management, CREDIT AGRICOLE  
**Dr Tony Chau**, Lead Architect, UBS  
**Mark Feeley**, Global Head of Capital Markets, MISYS

**Panel 2: Data Governance as part of data management**

- Managing your data- what processes does your firm have in place to ensure maximum security of your data?
- How can data vendors assist with your data acquisition management and governance?
- What is the biggest challenge facing capital markets firms in implementing firm wide data governance policies?
- To what extent does data rationalisation affect firms' data governance models?
- What business benefits have been gleaned from effective data governance strategies?
- Does your firm use data stewards to promote data governance policies throughout your firm?
- To what degree is data governance seen as data management in firms?
- How can capital markets use data governance policies to enhance data sharing?

Moderator: **Chris Johnson**, Senior Product Manager- Market Data, HSBC SECURITIES  
**Shiv Biradar**, Director, BANK OF AMERICA MERRILL LYNCH  
**Mahendra Jape**, Data Governance Leader, GE CAPITAL

**2.40** **Lunch & Networking**

**3.40** **Afternoon keynote address: "Transformation and Collaboration - a new Leadership Approach"**  
**Joerg Guenther**, Chief Technology Officer EMEA and Global Head of Fund Accounting and Transfer Agency Technology, NORTHERN TRUST

**1.40** **Spotlight on: Trading Regulations**

- Has the delay in MiFID II halted your firm's technology/architecture preparations, or will it continue to be your main priority over the forthcoming months?
- Do you envision that your trading patterns, and therefore your underlying architecture, will change in any way as a result of MiFID II?
- Are regulators putting too much of an emphasis of transparency to the detriment of market practises?
- How can you select the right vendor for your firm, and what processes do you undertake to ensure that you remain compliant?
- How will Brexit affect firms' planning for current and future regulatory reporting?

Moderator: **Meredith Gibson**, Director, MEREDITH GIBSON ADVISORY  
**David Masters**, Director - Operations Regulatory Reporting - Regulatory Data Coordinator, SOCIETE GENERALE  
**Erik Vynckier**, Member of the Board, FORESTERS FRIENDLY SOCIETY  
**Ayaz Haji**, Head of MiFID 2 Technical Architecture and Data Strategy, GOLDMAN SACHS **(Pending approval)**

**4.50** **Afternoon Break & Networking**

**5.10** **Presentation: "Black Box of Machine Learning"**  
**Dr Artur d'Avila Garcez**, Director of Research Centre for Machine Learning, CITY UNIVERSITY LONDON

**5.40** **Blockchain & Distributed Ledgers**

- Implementing blockchain- what are the practical challenges that firms face in adopting this forward thinking technology?
- If Blockchain technology application lies mainly in the back office, can it really offer a competitive advantage?
- How can blockchain be standardised? Is there an ability to reach a cash settlement or will it abolish fiat currency altogether?
- The argument of public vs private- why do firms wish to go private, and does this defeat the point entirely?
- How exactly will distributed ledger technologies revolutionise the capital markets?
- The rise and fall of smart contracts, including Ethereum/DAO

Moderator: **Nils Rannchen**, Chief Technology Officer, ALTANA WEALTH  
**Dr Lee Brain**, Investment Bank CTO Office, BARCLAYS  
**Justin Chapman**, Global Head of Market Advocacy and Innovation Research  
**Anish Mohammed**, Lead Security Architect, LLOYDS BANKING GROUP

**16.20** **Champagne Roundtables**

"Women In Technology"  
**Host: Jessica Hainey**, Executive Director, MORGAN STANLEY

"Artificial Intelligence and Automation"  
**Host: Meredith Gibson**, Director, MEREDITH GIBSON ADVISORY

"Culture of Compliance"  
**Host: Meredith Gibson**, Director, MEREDITH GIBSON ADVISORY

"Data and Technology Innovations"

**6.55** **Chairperson's closing remarks: V** **Anderson**, Editor-in-Chief, WATERS AND WATERSTECHNOLOGY

**7.00** **Cocktail reception**

# European Trading Architecture Summit 2016

November 17, London



## ● Panel sponsors



Misys is at the forefront of the financial software industry, providing the broadest portfolio of banking, capital markets, investment management and risk management solutions available on the market. With more than 2,000 customers in 130 countries our team of domain experts, combined with our partner eco-system, have an unparalleled ability to address industry requirements at both a global and local level. We connect systems, collect data and create intelligent information to drive smarter business decisions. To learn more about how our Fusion software portfolio can deliver a holistic view of your operations, and help you to solve your most complex challenges, please visit [www.misys.com](http://www.misys.com) and follow @MisysFS on Twitter. For the latest news, interviews, videos and features from the financial technology industry visit [www.fusionwire.net](http://www.fusionwire.net).



Verne Global owns and operates a 44-acre data center campus in Keflavik, Iceland. As a strategic location between the world's two largest data center markets, Europe and North America, Verne Global is addressing two key issues facing today's data revolution - power pricing and availability. Verne Global offers data center decision makers an affordable 100% carbon neutral power solution with unparalleled pricing predictability; a range of server density options; and efficiency without extra expense by using natural cooling. [verneglobal.com](http://verneglobal.com)

## ● Co-sponsors



Scott Logic is a software development consultancy providing expert advice and delivering the best in bespoke, business-critical applications to some of the world's largest financial services firms.

For over 10 years, Scott Logic has built extensive experience in financial markets with eight of the world's top 20 investment banks. Our knowledgeable UK consultants challenge assumptions, yet work in partnership to deliver truly innovative solutions.

We attract and retain the highest calibre developers, architects, designers, testers and project managers who put the user first. Their technical expertise and our proven Agile delivery methods help clients deliver great working enterprise software first-time round. [scottlogic.com](http://scottlogic.com)