

TradingArchitecture

ASIA2010

Profiting from **COLOCATION & HIGH FREQUENCY TRADING**

Updates as of July 2010

The LATEST NEWS from the Trading Architecture Asia Team

Join the crowd and stay in touch with new technology.

We are very pleased to report that Asia's first dedicated HFT conference is shaping up to be a great success. We have been swamped with requests from new speakers to join the program and we have a steady stream of senior level delegates signing up to attend. We estimate that by September we will have **over 250 participants** consisting of senior business and IT decision makers from Asia's top capital market trading companies, trading venues, proprietary trading firms, technology providers and regulators. To our knowledge, this will be the largest dedicated HFT event in the world. Attending this event is a "must" if you are in any way involved with the fast growing HFT market - or want to be in the near future. **Everyone you need to meet will be in the audience.**

We are grateful for the support of our sponsors

Given the sophisticated technology requirements for building an effective HFT strategy we are pleased to have attracted the world's top HFT - trading technology specialists. Their solutions are cutting edge and their insights into the future direction of this technology solution is critical as you upgrade your trading platforms and better integrate them with your enterprise architecture.

PRINCIPAL SPONSORS:



STRATEGIC SPONSORS:



ASSOCIATE SPONSORS:



HFT WORKSHOP SPONSOR:



COMMERCIAL SPONSORS:



New speakers who have joined our program

We are pleased to announce new additions to the program. Still more are joining soon...



Mike Powell,
Global Head of Enterprise,
Real Time
Thomson Reuters



Yang Xia,
MD, Head of Algorithm and
Analytics, Asia Pacific,
UBS



Henry Young,
Founder & CEO,
**Trading System
Associates**



Chuck Chon,
CTO,
SBI Japannext



Sandeep Tyagi,
Chairman & MD,
Estee Advisors



Lee Fisher,
Worldwide FSI-HPC
Business Development,
**HP Scalable Computing &
Infrastructure Organization**



John Fildes,
Director of Strategic
Development,
GETCO



Douglas Gourlay,
Vice President Marketing,
Arista Networks



Vikram Mehta,
President & CEO,
**Blade Network
Technologies**



Leonid Frants,
President & Founder,
OneMarketData



Robert Fox,
Exchange Traded
Derivatives, DMA Sales,
UBS

Confirmed companies who are attending Trading Architecture 2010 include:

EXCHANGES & TRADING VENUES

- Singapore Exchange
- Hong Kong Exchanges and Clearing
- Tokyo Stock Exchange
- National Stock Exchange Of India
- Australian Securities Exchange
- Chi-X Asia Pacific
- Hong Kong Mercantile Exchange
- Shenzhen Stock Exchange
- Taiwan Stock Exchange
- Bursa Malaysia
- Bombay Stock Exchange
- Osaka Securities Exchange
- Instinet Pacific
- Stock Exchange of Thailand
- Indonesia Stock Exchange
- MICEX (Russia) Group
- SBI Japannext

ASSET MANAGERS, TRADERS & HFT BROKERS

- Merrill Lynch
- Royal Bank of Scotland
- HSBC
- Deutsche Bank
- Mizuho Securities
- Shogi Group
- JP Morgan
- BOC International Holding
- MF Global
- Invesco Hong Kong
- Lim & Tan Securities
- Merrill Lynch Japan Securities
- Bank of America Merrill Lynch
- Grasshopper
- Credit Suisse
- Lim & Tan Securities
- Barclays Capital Japan
- UBS Securities Asia
- ABR Financial
- Optiver Australia
- Commerzbank AG
- Bluecrest Capital Management
- Goldman Sachs (Asia)
- RBS Equities (Australia)
- Kim Eng Securities
- Nomura International (Hong Kong)
- CQS (Hong Kong)
- Kim Eng Securities (Hong Kong)
- InnoFusion Capital Management
- HSBC
- Newedge Japan
- Daiwa Securities
- Ingensoma Trading Group
- Royal Bank of Scotland
- Credit Suisse (Hong Kong)
- ING Investment Management Asia Pacific Singapore
- CLSA
- Ceptron
- Reliance Money
- T. Rowe Price International
- Lakeview Arbitrage
- All Options Asia
- ABN AMRO Asset Management
- KGI Asia
- Goldman Sachs & Partners Australia
- GETCO

TECHNOLOGY SOLUTIONS

- OneMarket Data LLC
- Fidessa
- Kx Systems
- Wharf T&T
- Citihub Consulting
- IMC Asia Pacific
- Arista Networks
- CS Technology
- Catena Technologies
- Thomson Reuters
- Cinnober Financial Technology AB
- Interactive Data
- Correlix
- IPC Systems
- TNS (Transaction Network Service)
- Hewlett-Packard
- Bloomberg LP
- FTG - Financial Technology Group
- BLADE Network Technologies
- Chi-Tech
- NYSE Technologies
- Cable & Wireless Worldwide
- Orc Software
- Juniper
- TS Associates PLC

Request for more speakers: Trading Venue CIOs, Regulators & HFT Firms

While we have over 50 speakers, we extend an invitation to Exchanges-ATVs, Regulators and HFT firms operating in Asia or abroad to join us on our speaking panels. Your views are very important to the wider market as the industry determines the best way to effectively manage the growth of the HFT industry. Speakers get complimentary access to the entire event and will gain a profile in what is certainly the most important trading technology revolution in the last 10 years. Contact the event producer on wbrinfo@wbresearch.com

Registration Package

Please fax completed form to Worldwide Business Research, Marketing at +65 6822 7370

Focus Day Colocation: 31 August 2010
2-Day Main Conference: 1-2 September 2010
JW Marriott, Hong Kong

PAST DELEGATES OFFER:
Enjoy Additional US\$100 off

SAVE UP to US\$700
when you book by
30 June 2010

Financial Institutions	Date	Book and Pay by 30th June USD	Book and Pay by 1st Aug USD	Full Price USD
<input type="checkbox"/> 2 Day Conference + Focus Day	31 Aug - 2 Sept	2495	2895	3195
<input type="checkbox"/> 2 Day Main Conference	1-2 Sept	1795	2195	2495
<input type="checkbox"/> Focus Day Only	31 Aug		995	
<input type="checkbox"/> Workshop Only	31 Aug - 2 Sept		995	

Technology Providers	Date	USD	USD	USD
<input type="checkbox"/> 2 Day Conference + Focus Day	31 Aug - 2 Sept	3495	3795	3995
<input type="checkbox"/> 2 Day Main Conference	1-2 Sept	2395	2495	2995
<input type="checkbox"/> Focus Day Only	31 Aug		1495	

*Discounts cannot be combined and only valid if payment is received by deadline
*Prices include lunches, refreshments, conference materials and networking reception
**Workshop session is included when you book a full day option

You may choose from a S\$100 Singapore Shopping Voucher or additional S\$100 off your conference price booking. Does not apply for Focus Day only booking.
*GST of 7% is chargeable for all Singapore registered Companies

PLEASE PHOTOCOPY THIS FORM FOR MULTIPLE REGISTRATIONS

Your Booking Code is:

EVENT CODE: 17444.002
EQ

DELEGATE DETAILS

YES! I wish to register for Trading Architecture 2010

Surname (Mr/Mrs/Ms): _____
Name: _____
Job Title: _____
Department: _____
E-mail: _____
Registration Contact: _____
Company: _____
Address: _____
Post Code: _____ Country: _____
Telephone: _____
Fax: _____
Approving Manager: _____
Approving Manager's E-mail: _____
Signature: _____

I agree to WBR's Terms & Conditions: (Signature is Mandatory)

5 EASY WAYS TO REGISTER

- Call +65 6408 9215
- Visit www.tradingarchitecture.com
- Email wbrinfo@wbresearch.com
- Fax your completed registration form to +65 6822 7370
- Mail your registration form and payment details to:
Trading Architecture 2010
World Business Research
60 Robinson Road, 14-10, Robinson Centre, Singapore 068993

PAYMENT DETAILS

FULL PAYMENT must be received prior to the conference.
Please complete as applicable

Please debit my
 Mastercard AMERICAN EXPRESS VISA

Card No: _____ - _____ - _____ - _____

Expiry Date: _____ Security code: _____

Name of Cardholder: _____

Cardholder's Signature: (Signature is mandatory)

I will be sending a Bank transfer to
Account Name : **WBR Singapore Pte Ltd**
Bank Name : **HSBC**
Address : **HSBC Commercial Banking**
21 Collyer Quay HSBC Building
#08-00, Singapore 049320

Account Number : **260 361 399 178**
Swift Code : **HSBCSGSG**

I enclose a cheque payable to **WBR Singapore Pte Ltd**

Please fax confirmation of the bank transfer to +65 68227370, quoting delegate's name and booking code as your reference on both fax and bank transfer.

Venue information

JW Marriott® Hotel, Hong Kong
Pacific Place, 88 Queensway Hong Kong, China
Phone: +852 2810 8366

WBR Ltd Cancellation, Postponement and Substitution Policy

WBR Ltd Cancellation, Postponement and Substitution Policy: You may substitute delegates at any time. WBR Ltd does not provide refunds for cancellations. For cancellations received in writing more than seven (7) days prior to the conference you will receive a 100% credit to be used at another WBR Ltd conference for up to one year from the issuance date. For cancellations received less than seven (7) days prior to the conference no credits will be issued. In the event that WBR cancels an event, delegate payments at the date of cancellation will be credited to a future WBR event. This credit will be available for up to fifteen months from the date of issuance. In the event that WBR postpones an event, delegate payments at the postponement date will be credited towards the rescheduled date. If the delegate is unable to attend the rescheduled event, the delegate will receive a 100% credit representing payments made towards a future WBR event. This credit will be available for up to fifteen months from the date of issuance. No refunds will be available for cancellations or postponements. WBR is not responsible for any loss or damage as a result of a substitution, alteration, cancellation, or postponement of an event. WBR shall assume no liability whatsoever if this event is altered, rescheduled, postponed or cancelled due to a fortuitous event, unforeseen occurrence or any other event that renders performance of this conference inadvisable, illegal, impracticable or impossible. For purposes of this clause, a fortuitous event shall include, but shall not be limited to: an Act of God; governmental restrictions and/or regulations; war or apparent act of war; terrorism or apparent act of terrorism; disaster; civil disorder, disturbance, and/or riots; curtailment, suspension, and/or restriction on transportation facilities/means of transportation; or any other emergency. Please note that speakers and topics were confirmed at the time of publishing, however, circumstances beyond the control of the organisers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, WBR reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated on our web page

Incorrect Mailing If you are receiving duplicate mailings or would like to change any details, or remove your name from our database, please fax this form to the attention of our marketing department with your amended details to 65+ 6822 7370. Amendments can take some time, so please accept our apologies for any inconveniences caused. Thank you.

ASIA PACIFIC'S 1ST HIGH FREQUENCY TRADING EVENT!



Profiting from COLOCATION & HIGH FREQUENCY TRADING

Over 45 Heads of IT already confirmed as attendees!

Regional Exchanges and AVs in attendance include:

Singapore Stock Exchange	Hong Kong Mercantile Exchange
Tokyo Stock Exchange	Shenzhen Stock Exchange
Osaka Securities Exchange	JapanNext
National Stock Exchange of India	Indonesia Stock Exchange
Bombay Stock Exchange	Bursa Malaysia
Chi-X Global	Stock Exchange of Thailand
Hong Kong Exchanges and Clearing Limited	Taiwan Stock Exchange

Asia Pacific is the next hot spot for HFT!

If you are on the **BUYSIDE**, you should be asking **what is your broker doing to stay competitive.**

If you are on the **SELLSIDE**, you should be asking **is your system fast enough to beat the competitors and robust enough to be safe.**

If you are an **EXCHANGE**, you should be **upgrading** your trading platform to manage the **massive increase in trading volume** and the need for speed.

If you are a **REGULATOR**, you should be asking whether your regime supports the **adoption of new trading technology** and whether it can cope with the **coming trading revolution.**

Attend this event to get the facts behind the hype!

FOCUS DAY: COLOCATION STRATEGIES - 31 Aug 2010

You said that one of your biggest concerns was how to reduce the latency within your trading processes. One of the best strategies for doing this is to create a colocation or proximity trading strategy that optimizes your data servers relative to the trading venue. We have gathered a team of specialists to show you how to do it.

HIGH FREQUENCY TRADING WORKSHOP - 31 Aug - 2 Sept 2010

HFT is a highly profitable trading strategy that dominates US and EU equity markets and is now expanding into futures, options, FX and commodities. The upgraded trading venues in Japan, Hong Kong, Singapore and Australia means that HFT is now applicable to Asia Pacific. Find out what you need to make it work for you.

**Want To Make More Effective Tech Investments?
Sign Up For Trading Architecture NOW**

Focus Day: Colocation 31 Aug
Main Conference – HFT 1-2 Sept
JW Marriott, Hong Kong

Expert Speakers Include:

Bob Caisley, CIO, Singapore Exchange

Steven Silberstein, CIO, Chi-X Global

Mark Holt, Head of Systematic Implementation, BlueCrest Capital Management

Alpesh Patel, Head APAC Equities Technologies, Barclays Capital

Tomoyoshi Uranishi, MD, Tokyo Stock Exchange

Lieven Van Den Brande, COO, Technology and Operations, HK Mercantile Exchange

Ravi Apte, CTO, National Stock Exchange of India

Shawn Melamed, Founder, President & CTO, Correlix

Max Namstorm, MD, Head of Equities & Prime IT, Asia Pacific, Nomura

Edward Scheckler, Global Head of IT Infrastructure, CLSA

Pannaporn Sapsomboon, Group Head IT Operation, Stock Exchange of Thailand

Yu Huali, Director, Computer Engineering Department and Head, IT Strategy and Planning, Shenzhen Stock Exchange

Omar Merican, COO, Bursa Malaysia

Ashish Chauhan, Deputy CEO, Bombay Stock Exchange

James Dow, Principal, CTO, CS Technology

Lee Fisher, Worldwide FSI-HPC Business Development, HP

Peter Van Kleef, CEO, Lakeview Arbitrage

Walter Hendriks, MD, ABR Financial B.V.

Yang Xia, MD, Head of Algorithm and Analytics, Asia Pacific, UBS

Glenn Lesko, CEO, Asia, Instinet

Kevin McPartland, Senior Analyst, TABB Group

Zameer Syed, CTO, Reliance Money

Colin Silvester, Director Business Development, APAC, IPC

Tim Posney, Regional CTO, ING Investment Management

Asia Pacific is Developing High Performance Trading Strategies

APAC is widely acknowledged as being behind the global trends and needs to rapidly upscale to stay competitive. Budgets were reduced last year and implementing innovations was shelved for better times.

That time is now. 90% of the electronic technology managers we surveyed said they were spending more money in 2010 on upgrading their technology platform as compared with 2009.

You must stay competitive and you must adapt your strategies to fit the changes taking place within your trading venues.

Why You Need To Attend Trading Architecture 2010

This event shows you how to implement best of breed trading technology upgrades and how to integrate this technology into your enterprise architecture. This is the only event in APAC that is dedicated to improving the trading technology platform with a focus on delivering more value, more resilience and more agility from your IT systems.

What's New For Trading Architecture Asia 2010

In 2009, our inaugural Trading Architecture Asia event showcased a range of technology strategies that designed to improve the trading function. This year we focus upon how to **implement those strategies for profit**. Our topics relate to colocation and High Frequency Trading. We realize that HFT has been a somewhat controversial topic and many brokers have been reluctant to advertise that they offer HFT services. But times are changing and most people now understand that HFT represents an unavoidable trading evolution. When correctly implemented and appropriately controlled, this strategy will create new profit opportunities. It will also change the way that trading desks are operated. Specifically you will learn how to:

1. Design HFT Relevant Colocation & Proximity Strategies
2. Implement Cost Effective Low Latency Architecture
3. Tap The Power Of High Performance Computing Clusters
4. Build HFT Models To Trade Multi-Asset Classes
5. Create Effective HFT Risk Management Frameworks
6. Improve Your Data Feeds For Accelerated Trading Regimes
7. Ensure You Have A Super Fast Middleware Highway
8. Develop SOR Technology For Next Generation Trading
9. Integrate High Performance Enterprise Messaging
10. Work In The Hybrid Clouds For Real-Time Equities Trading

Who Should Attend Trading Architecture Asia 2010

Trading Architecture Asia is designed for **technology and trading managers** who want to better understand how they can utilize new technology solutions to create more profitable trading strategies. It is relevant to sellside brokers, buy-side fund managers, trading venues and trade-tech specialists. We feature a **HFT workshop** that runs across the 3 days of the event starting at 4.30pm to enable traders to take part. We also have **Enterprise Architecture (EA) and Trading Platforms (TP) Streams** on the afternoons of Day 1 and 2. If you are involved with building accelerated trading platforms, this event is for you!

Focus Day	Day 1 Main Conference		Day 2 Main Conference
Tuesday 31 August	Wednesday 1 September		Thursday 2 September
Colocation Strategy	EA Stream		HFT Workshop
	TP Stream		
HFT Workshop	HFT Workshop		HFT Workshop

Kerr Hatrick, Director Head Quantitative Products One, Global Markets Structuring, **Deutsche Bank**

Brian Brown, Founder & MD, **Shogi Group**
Sandeep Tyagi, Chairman & MD, **Estee Advisors**

Matthias Rietig, Executive Advisor to the Board, **Osaka Securities Exchange**

Michel Dinh, Head of Equities Low Latency Trading Infrastructure APAC, **Credit Suisse**

Eric Lee, Head of Trading Technology, **Bank of America-Merrill Lynch**

Hani Shalabi, Head of AES – Asia Pacific, **Credit Suisse**

Julian Ragless, Vice President Exchange Solutions, **NYSE Technologies**

Chris Burke, Head of Operations, Asia, **KX Systems**

Viral Modi, Enterprise Architecture Manager, **National Stock Exchange of India**

Niguel Brooks, Head, Architecture & Infrastructure, **Singapore Stock Exchange**

Ralph van Put, CEO, **All Options Asia** and Adjunct Professor, Faculty of Business Administration, **Chinese University of Hong Kong**

Dennis Mwansa, Regional Head of Trading Infrastructure Services, **Royal Bank of Scotland**

Punit Mittal, Global Head of Electronic Trading, **Daiwa Securities Capital Markets**

T-Kiang Tan, SVP, Head of High Frequency Trading, **Mizuho Securities**

Naveen Mishra, Senior Analyst - Data Centres, **Gartner Research**

Carrie Cheung, Director, Asia Pacific Electronic Trading, **Bank of America Merrill**

Paul Chew, Partner, **Citihub**
Robert Fox, Exchange Traded Derivatives, DMA Sales, **UBS**

Randall E. Duran, CEO, **Catena Technologies**

Thanks to our Advisors who helped to design the program & suggested who to invite.

Bob Caisley, Singapore Exchange
Colin Silvester, IPC
Steven Silberstein, Chi-X Global
Kevin McPartland, Tabb Group
Peter Van Kleef, Lakeview Arbitrage
Kerr Hatrick, Deutsche Bank
Peter Tierney, NYSE Technologies

FOCUS DAY
Colocation Strategies
 Tuesday 31 August 2010

*Colocation and proximity hosting strategies have been some of the fastest growing areas in the evolution of automated and algorithmic trading. According to a recent TABB report on financial services data centers, the financial services industry spends \$1.8 billion for colocation and private facilities to support fast direct access to market centers. If you want to beat your competitor to the punch by a millisecond or a microsecond - as many algo and high frequency traders aim to do, you're going to have to constantly wring out bottlenecks and delays in the way your instructions get sent to and executed by the trading venues. Attend this Focus Day to **maximize your advantage and minimize the risks** as you implement your proximity trading strategy. Learn how to get more value from your data center structures. Good advice for Sellside, Buyside, Exchanges and AVs.*

8.00	Registration And Morning Refreshments
8.50	Chair's Introduction
9.00	<p>Future Proofing The NSE's Colocation Strategy To Maximize It's Potential <i>Colocation began in the derivatives markets in the US but is now reaching FX and other markets across the world. Leading Indian and Asian Exchanges are rapidly evolving their colocation services to enable HFT across multiple asset classes. In this session, we bring you up to date on how the National Stock Exchange of India is managing the proximity strategy and how it sees this strategy evolving within India.</i></p> <ul style="list-style-type: none"> • The evolution of the proximity strategy: Fast runners to fast computers • Developing game changing technology: Bandwidth, new software and hardware • Comparing the different paths to proximity infrastructure development • Tactics available to emerging market Exchanges to adopt proximity strategies <p>Ravi Apte, CTO, National Stock Exchange of India</p>
9.30	<p>Colocation And The Electronic Solution <i>Reserved for Thomson Reuters</i></p>
10.00	<p>Mapping The Best Technology Path For Emerging Market Traders And Exchanges <i>It has been predicted that small exchange venues that cannot attract enough liquidity or afford to keep up with rivals are likely to fall by the wayside or become niche venues dedicated to specialized domestic markets. In this session we consider the options available to traders and venues operating outside the main trading hubs.</i></p> <ul style="list-style-type: none"> • Who is best suited to the extranet proximity model? Is there an alternative strategy? • Competition on speed and pricing will eventually reach natural limits. What's next? • Emergence of a two-tier market: Winners and losers • Why you should be focusing on perfecting best practice execution <p>Kevin McPartland, Senior Analyst, TABB Group</p>
10.30	Morning Break
11.00	<p>Ensuring Your Data Centre Strategy Supports Your Enterprise Performance Requirements <i>The growing demand to reduce operational costs, increase performance and availability, and comply with regulations has led to major shifts in data centre strategies. Emerging data center technologies, including application integration, virtualization, automation, and utility computing, increase efficiency while also increasing your organization's reliance on the data center. Here we consider how to balance the needs of the high performance trading against your wider enterprise requirements to achieve infrastructure efficiency.</i></p> <ul style="list-style-type: none"> • Virtualization • Cost management • Risk management and information security • Disaster recovery and resilience management <p><i>Reserved for Trading Venue</i></p>
11.30	<p>Ensuring Your Colocation Strategy Supports High Frequency Trading Strategies <i>The Tokyo Stock Exchange's Arrowhead trading engine is facilitating a wider range of trading strategies and</i></p>

	<p><i>attracting a broader range of market participants, in particular high-frequency traders. UBS estimates that around 30% of equity trading in Japan is now HFT and this statistic is likely to increase to over 50% in the very short term. Here we review the structures the TSE implemented to facilitate HFT and how they are fine tuning their processes to further support new trading strategies and stay competitive.</i></p> <ul style="list-style-type: none"> • Why the TSE moved from being technology-enabled to technology-centric • How is Arrowhead impacting buy-side traders and smaller brokers? • What is the TSE doing to meet the challenge of proprietary trading systems? • To what extent can technical innovation keep revenue streams alive and healthy? <p>Tomoyoshi Uranishi, MD, Tokyo Stock Exchange</p>
12.00	<p>FUTURE VIEW: The Rise Of the Mega-Data Center And Its Impact On Financial Institutions</p> <p><i>The use of thousands of servers to deliver one application or act as a pool of computing resources has changed the way that chipmakers and computer vendors are building their products. It has also led to the rise of the Mega Data Centre, the Virtual Cloud, and Green Computing strategies. In this session, we learn how these emerging trends will influence the evolution of the trading technology function.</i></p> <ul style="list-style-type: none"> • What is the implication of increasing pressure on power provision, both now and in the future • Why cloud computing and carbon accounting is revolutionizing the traditional data center business • Do Data Centre services actually add to systemic risk by concentrating the market in a single location? • What do you need to consider when choosing technology partners to ensure delivery of optimum service? <p>Reserved for Cable & Wireless</p>
12.30	<p>Lunch Break</p>
1.45	<p>PANEL: Building Flexible Proximity Solutions With Global Coverage For Multiple Venue Scenarios</p> <p><i>One of the strongest recent trends in proximity and trading application hosting has been the huge increase in demand for global footprint. This has been driven by two particular developments: Traders looking to leverage existing models by deploying them in new markets; and multi-asset class trading. This trend introduces new challenges, even for trading firms that have mastered the complexities of low-latency execution using approaches such as co-location and proximity.</i></p> <ul style="list-style-type: none"> • Optimization of long-haul and metro communications links • What kind of connection is best for you within a multiple trading scenario • When to use proprietary protocols over the venue's standard FIX • Should you use the exchange gateways or build your own <p>Niguel Brooks, Head, Architecture & Infrastructure, Singapore Stock Exchange Michel Dinh, Head of Equities Low Latency Trading Infrastructure APAC, Credit Suisse James Dow, Principal, CTO, CS Technology Matthias Rietig, Executive Advisor to the Board, Osaka Securities Exchange Yang Xia, MD, Head of Algorithm and Analytics, Asia Pacific, UBS</p> <p>Reserved for Cable & Wireless</p>
2.30	<p>Essential Requirements When Building Data Centers for Stock Exchanges</p> <p><i>NYSE Euronext, the company that operates two of the world's largest stock exchanges, has a data center strategy that is different from some of its counterparts. It builds and operates its own data centers instead of outsourcing the task to full-time operators. NYSE says its two new data centers will be the most advanced, cutting-edge facilities in the world. Here we learn the inside story from the man that helped design them.</i></p> <ul style="list-style-type: none"> • Scalability for increasingly complex algos • Making provision for sponsored access • New trends: Preparing for plug-and-play scenarios • Cost and cooling effective design considerations <p>James Dow, Principal, CTO, CS Technology</p>
3.00	<p>Looking "Under The Hood": Selecting The Best Hosting Facility For Your Proximity Strategy</p> <p><i>It is tempting to assume that data centres are purely about cutting latency through proximity. That is of course a major consideration, but your choice of hosting facility is also critical because it impacts issues related to power density, expansion capacity and security concerns. Indeed some wonder whether Asian markets are advanced enough for colocation-proximity hosting. Proximity and trading application hosting services typically consist of four broad options. Here we review the pros and cons of each.</i></p> <ul style="list-style-type: none"> • Rack space in a facility close to the trading venue • Rack space plus service provider access to the trading venue's gateway • Provider-maintained servers plus service provider access to the trading venue's gateway

	<ul style="list-style-type: none"> • Provider-maintained servers and trading software, plus service provider access to the trading venue's gateway <p>Eric Lee, Head of Trading Technology, Bank of America-Merrill Lynch</p>
3.30	Afternoon Break
4.00	<p>Redefining Trading Strategies And How Exchanges Manage Their Technology Challenges <i>The Shenzhen Stock Exchange has been the Chinese leader for technology innovation and was one of the first Exchanges in the region to introduce a colocation strategy to improve latency. This session features a case study of the Shenzhen Stock Exchange and highlights how the exchange meets the challenges of maintaining the IT system in an environment of extremely rapid growth.</i></p> <ul style="list-style-type: none"> • Meeting the demands of accelerated trading through the colocation strategy • Ensuring system reliability and predictability in an age of technological innovation • Expanding and centralizing market surveillance to manage the new trading threats • Looking ahead to meet the AV competition <p>Yu Huali, Director, Computer Engineering Department and Head, IT Strategy and Planning, Shenzhen Stock Exchange</p>
4.30	<p>HIGH FREQUENCY TRADING WORKSHOP - PART ONE Launching A HFT Division: Perfecting Your Data Centre Strategy <i>This is first part of our 3 day HFT workshop where we look in detail at your data center strategies including the connections between the trading venue and the trader's platform. This session will show you where the main costs lie in lowering latency and how to assess your options to tweak the performance of your data center. This is an interactive workshop and participants are encouraged to share their perspectives. Issues discussed include:</i></p> <ul style="list-style-type: none"> • What is the value of a micro or milli" for your particular strategy: Fixed Income, equities, arbitrage • Determining your power and cooling capacity requirements • 'Bare bones', full service or somewhere in between: Installation, maintenance and rental costs • How do you apply your low latency efforts to market data, order processing, and analytics? • Ensuring continuous service, security, control and network neutrality with low latency solutions <p>Workshop Leader: Peter Van Kleef, Managing Director, Lakeview Capital Market Service</p>
5.30	Chair's Conclusions
<p>Main Conference Day One</p> <p>Wednesday 1 September 2010</p>	
	<p><i>Everyone believes that we have reached an important turning point in the history of trading technology that will forever change the way we trade. Low-latency trading strategies and automated trading systems have exploded and become widely adopted by electronic market makers and statistical arbitrage players. The big question on everyone's lips is how will this technology develop across Asia? Join us over the next 2 days to learn what you need to do to prepare for the future of trading technology and how to integrate new technology into your enterprise architecture.</i></p>
8.00	Registration And Morning Refreshments
9.00	Chair's Introduction
9.15	<p>Building SE Asia's Central Trading Hub And Using Technology To Drive Growth And Revenues <i>Exchanges across the world are gearing up to meet the massive new demands placed upon their technology systems. They are also forced to redefine themselves as they face competition from alternative trading venues. The SGX has emerged as Asia Pacific's most technology advanced exchange and has taken an innovative approach to the AV challenge by partnering with Chi-X Global to launch the region's first Exchange-backed Dark Pool. Find out what their CIO sees as the new challenges moving forward.</i></p> <ul style="list-style-type: none"> • Generating new business from colocation

	<ul style="list-style-type: none"> • Connecting to ASEAN emerging markets • Managing high speed messaging and low latency market data • Impact of changing technology upon the skill sets of the IT team <p>Bob Caisley, CIO, Singapore Exchange</p>		
9.45	<p>Upgrading The Bombay Stock Exchange For The HFT Revolution <i>The Bombay Stock Exchange is the oldest stock exchange in Asia with a rich heritage, now spanning three centuries. It is continuously upgrading its services and expanding its network using cutting edge information technology. For example, since the beginning of this year they have changed pricing to a maker-taker model, launched colocation, added another clearing and settlement bank, and entered into mobile trading. Find out from Ashish what else the BSE has planned to win back its market share.</i></p> <ul style="list-style-type: none"> • Facing a new paradigm of competitive super fast exchanges • How colocation will increase business opportunities • New strategies to promote algo trading and DMA • Working with best of breed technology partners <p>Ashish Chauhan, Deputy CEO, Head of IT Strategy, Bombay Stock Exchange</p>		
10.15	<p>Card Exchange Session <i>We make networking easy with our no fuss card exchange format. This is the best method for quickly making new contacts that will help you with your work challenges. Make sure you bring lots of business cards.</i></p>		
10.45	<p>Morning Break</p>		
11.15	<p>PANEL: Building A Sustainable And Competitive Technology Roadmap For Fast Global Connections <i>Asia-Pacific Stock Exchanges face significant challenges in an increasingly global and competitive world equity market and are under pressure to upgrade their trading architecture. According to Celent, trading volumes across Asia Pacific are set to grow 20-30% per year, driven by greater order flow from foreign traders and overseas quantitative funds. Our panel shares their insights on the technology and what is required to provide real global connectivity.</i></p> <ul style="list-style-type: none"> • Identifying the benefits of the ASEAN Trading Link and its role in promoting high performance trading • Impact of international broker-dealers expanding into the region with technological expertise • What does the requirement for transparency mean in modern technology terms? • Taking advantage of new technology to create new revenue for exchanges <p>Moderator: Kevin McPartland, Senior Analyst, TABB Group, USA Bob Caisley, CIO, Singapore Exchange Limited Lieven Van Den Brande, COO, Technology and Operations, HK Mercantile Exchange Julian Ragless, Vice President Exchange Solutions, NYSE Technologies Omar Merican, COO, Bursa Malaysia Pannaporn Sapsomboon, Group Head IT Operation, Stock Exchange of Thailand</p>		
12.00	<p>FUTURE VIEW: Trading Venues 2020 <i>In this presentation we review the technology requirements for an Asian based exchange operating 10 years from now. We imagine how the tech designers will have solved our current challenges like fragmented liquidity, lack of connections and the technology arms race. We consider what the existing market participants might have morphed into. Pods in a living breathing trading matrix perhaps?</i></p> <ul style="list-style-type: none"> • How competition evolves the technology strategies • Redesigning space and power requirements • New tricks for attracting the crowds <p>Steven Silberstein, CIO, Chi-X Global</p>		
12.30	<p>Lunch Break</p>		
	<table border="1"> <tr> <td> <p>ENTERPRISE ARCHITECTURE <i>Choose this stream if you want to re-engineer your Enterprise Architecture to better integrate your trading value chain and build a more sustainable IT system. Ideal for CIOs. CTOs and Enterprise Architects.</i></p> </td> <td> <p>TRADING PLATFORMS <i>Choose this stream if you want to improve the performance of your trading platform and implement stronger risk management processes. Ideal for Trading IT Managers and Trading Strategists.</i></p> </td> </tr> </table>	<p>ENTERPRISE ARCHITECTURE <i>Choose this stream if you want to re-engineer your Enterprise Architecture to better integrate your trading value chain and build a more sustainable IT system. Ideal for CIOs. CTOs and Enterprise Architects.</i></p>	<p>TRADING PLATFORMS <i>Choose this stream if you want to improve the performance of your trading platform and implement stronger risk management processes. Ideal for Trading IT Managers and Trading Strategists.</i></p>
<p>ENTERPRISE ARCHITECTURE <i>Choose this stream if you want to re-engineer your Enterprise Architecture to better integrate your trading value chain and build a more sustainable IT system. Ideal for CIOs. CTOs and Enterprise Architects.</i></p>	<p>TRADING PLATFORMS <i>Choose this stream if you want to improve the performance of your trading platform and implement stronger risk management processes. Ideal for Trading IT Managers and Trading Strategists.</i></p>		

1.45	Chair's Introduction	1.45	Chair's Introduction
2.00	<p>PANEL: From The Desktop To The Cloud And The Impact On Your Enterprise IT <i>Financial institutions are increasingly in need of solutions that provide speed of implementation, flexibility, scalability, and comprehensive trading capabilities. There is a huge potential in the marketplace for hosted trading solutions. SaaS and cloud computing services are no longer radical ideas and can easily integrate into legacy environments and to enhance current operations. Our panel considers the pros and cons of hosted services and how they see the cloud model evolving within their organisation.</i></p> <ul style="list-style-type: none"> • What is the future for cloud based trading platforms? • Steps towards creating a more secure trust worthy cloud • Cloud blue prints for financial service enterprise IT • Securing ROI from cloud computing <p>Tim Posney, Regional CTO, ING Investment Management Edward Scheckler, Global Head of IT Infrastructure, CLSA Alpesh Patel, Head APAC Equities Technologies, Barclays Capital Colin Silvester, Director Business Development, APAC, IPC <i>Reserved for Blade Network Technologies</i></p>	2.00	<p>PANEL: Colocation And Building A HFT Platform <i>So does this HFT business get you excited? Maybe you thought of redoing your trading platform anyway so just want to future proof. Either way, the trading world is forever changed because of the HFT revolution. Our panel discusses the basic setup requirements for applying this strategy in Asia and to what extent you can adapt your existing systems.</i></p> <ul style="list-style-type: none"> • Unraveling the compliance implications of high frequency trading • Determining system requirements and overcoming start-up barriers • Evaluating the best proximity and hosting solutions: To build or buy? • Exploring the foundation of high-frequency trading: models, systems and capital <p><i>Moderator: Max Namstorm, MD, Head of Equities & Prime IT, Asia Pacific, Nomura Hani Shalabi, Head of AES – Asia Pacific, Credit Suisse Kerr Hatrick, Director Head Quantitative Products One, Global Markets Structuring, Deutsche Bank Punit Mittal, Global Head of Electronic Trading, Daiwa Securities Capital Markets Carrie Cheung, Director, Asia Pacific Electronic Trading, Bank of America Merrill Lynch</i></p>
2.45	<p>Precision Instrumentation of Trading Systems Within Networks and Real Time Middleware Products <i>Precision Instrumentation has become critically important to ensure the timeliness and integrity of the complex messaging infrastructures that underpin all trading systems. In this presentation we explore the challenges of instrumenting multi-hop, multi-protocol data flows with nanosecond accuracy and negligible performance impact and consider the impact of the FIX IPL standard.</i></p> <ul style="list-style-type: none"> • Network and software instrumentation techniques • Precise time keeping techniques • Data flow latency monitoring and latency root cause analysis • Packet layer vs. message layer monitoring • Decoding exchange protocols and vendor middleware messaging stacks <p>Henry Young, Founder & CEO, Trading Systems Associates</p>	2.45	<p>Trader vs. Tradebot And The Impact of High Frequency Trading on Today's Market Structure <i>To make HFT work, you need the right technology together with the right strategy and team. Traders will change from having MBAs to having Computer Science PhDs. In this session we assess the scope of the HFT market relative to other quantitative trading strategies and how it will impact your business and the wider market.</i></p> <ul style="list-style-type: none"> • Assessing HFT's growth and impact on liquidity in a fragmented market • Analyzing the strategies deployed in HFT and the technical skills required of your team • Exploring the changing nature of liquidity provision and market making • Explaining HFT's myths, realities, benefits, technical complications and costs <p>Peter Van Kleef, CEO, Lakeview Arbitrage</p>
3.15	Afternoon Break	3.15	Afternoon Break

3.45	<p>PANEL: Constructing a High Performance Computing Infrastructure To Support An Accelerated Trading Platform <i>Balancing the demands of specific trading desks and that of central IT is been challenging. Firms are finding that their legacy infrastructures are not up to the challenge of the stresses that these new trading strategies place on them. This panel highlights the key EA areas that require fine tuning to meet the challenges of new strategies such as HFT.</i></p> <ul style="list-style-type: none"> • High performance trading and the infinite quest for more system power • Leveraging on-demand, hosted and outsourced services to handle market volatility • Working with venues and data providers to mitigate data volumes at source • Methods to reduce the volumes of data processed and generated <p>Zameer Syed, CTO, Reliance Money Viral Modi, Enterprise Architecture Manager, National Stock Exchange of India Niguel Brooks, Head, Architecture & Infrastructure, Singapore Stock Exchange Chris Burke, Head of Operations, Asia, KX Systems Chuck Chon, CTO, SBI Japannext Lee Fisher, Worldwide FSI-HPC Business Development, HP Scalable Computing & Infrastructure Organization</p>	3.45 <p>PANEL: HFT Strategies and Frameworks To Trade Equities, Futures, Options, ETFs, FX And Commodities <i>While most people still equate HFT with equity trading, the reality is that it's happening across all the major asset classes, and particularly so in foreign exchange, futures and options markets. As the strategies are still being developed, it is something of a Wild West in terms of the model development. Here we review the different strategies used by leading HFT firms.</i></p> <ul style="list-style-type: none"> • Cross asset statistical arbitrage models • The impact of HFT on OTC markets • Which broker best fits your needs • What the future holds for HFT strategies <p>Ralph van Put, CEO, All Options Asia and Adjunct Professor, Faculty of Business Administration, the Chinese University of Hong Kong Mark Holt, Head of Systematic Implementation, BlueCrest Capital Management Sandeep Tyagi, Chairman & MD, Estee Advisors Robert Fox, Exchange Traded Derivatives, DMA Sales, UBS Leonid Frants, President & Founder, OneMarketData</p>
4.30	<p>PANEL: Creating A Super Fast Middleware Highway <i>As trading firms seek to squeeze every last bit of latency from the trading cycle, they are increasingly focusing more attention on middleware; the software that seamlessly knits together market data, reference data trade/position data and ultimately execution venues. Here we outline the key areas which require adaption to implement an accelerated trading strategy.</i></p> <ul style="list-style-type: none"> • Using a proactive approach to find and remove bottlenecks • Pros and cons of software vs. hardware based messaging handling • Ensuring high availability and reliability • Effective monitoring solutions <p>Dennis Mwansa, Regional Head of Trading Infrastructure Services, Royal Bank of Scotland Kevin McPartland, Senior Analyst, TABB Group, USA John Robson, President, Enterprise Division, Thomson Reuters</p>	4.30 <p>HIGH FREQUENCY TRADING WORKSHOP - PART TWO Launching A HFT Division: Establishing Your Infrastructure Requirements <i>This workshop follows on from Part One held previously. Here we consider the essential infrastructure and technology requirements to be successful in launching a HFT strategy. We provide you with the tools to assess whether your existing trading platform and algo team is capable of running a HFT strategy. This is an interactive workshop and participants are encouraged to share their perspectives. Issues discussed include:</i></p> <ul style="list-style-type: none"> • Reviewing the required market conditions and data connections • Selecting suitable markets • Protecting your intellectual property • Sourcing and training your key talent • Assessing your IT requirements and existing capabilities: Buy vs. build • Cost factors and options in technology design & speed to market • Connectivity and hardware setup • Selecting and integrating the trading software • Essential research tools • Latest developments and future trends in tools and technology
5.00	<p>Roundtable: Design Best Practices for Latency Optimization (CIO-EA closed door session)</p>	

	<p><i>CIOs want their data center and trading platforms to be optimized for reliability, cost effectiveness, scalability and ultra-low latency. But few CIOs claim to be an expert in this area due to the detailed technical requirements. This session targets key issues of concern for system architects as they review the various low latency solutions offered by vendors and implemented by brokers and exchanges. The intention is to create an effective checklist which you can use to test the claims of vendors and staff. Issues discussed include:</i></p> <ul style="list-style-type: none"> • Data centre strategies for Asian exchanges • Determining the true cost of latency • Low latency messaging solutions • Disaster recovery capabilities • Preparing for HFT • Accessing regulatory frameworks 	<p>Workshop Leader: Peter Van Kleef, Managing Director, Lakeview Capital Market Service <i>Lakeview Capital Market Services (LCMS) provides a wide range of services designed to make its customers more successful in the global financial markets. Prior to his role at Lakeview, Peter managed significant hedge fund type investment portfolios and quantitative trading departments for among others Cooper Neff, Salomon Brothers, HypoVereinsbank and Credit Lyonnais. He has over 15 years of experience in the development and running of sophisticated automated trading operations.</i></p>
5.30	Chair's Conclusion	
5.35	Please Join Us For Complimentary Cocktails	
<div style="background-color: #ADD8E6; padding: 20px;"> <h2 style="margin: 0;">Main Conference Day Two</h2> <p style="margin: 0;">Thursday 2 September 2010</p> </div>		
8.00	Morning Refreshments	
8.55	Chair's Introduction	
9.00	<p>How The Velocity Strategy Requires Changes Across Your Entire Company And Why It's Worth It! <i>The evolution of the super-computer is revolutionizing the trading technology platforms of global trading desks as they move towards accelerated trading strategies. But firms need to address how much it costs in time and money to make the high velocity leap. For some, the strategy might have little interest, but for others, this is a major trading innovation that will support a totally new way of making profits. Here we consider the perspective of a buy-side firm that has decided that acceleration is good for business.</i></p> <ul style="list-style-type: none"> • Who is safe from the speed need and how long will this situation last? • Upgrading your servers and network for the high velocity strategy • Technology tools to speed up front and back office operations • Strategies to take the risk out of your trading system and boost profits <p>Punit Mittal, Global Head of Electronic Trading, Daiwa Securities Capital Markets</p>	
9.30	<i>Reserved for Juniper</i>	
10.00	<p>How To Integrate HFT Models Into Existing Trading Strategies <i>All HFT trading systems require the ingestion, analysis and processing of massive quantities of real-time data within a low latency architecture. They also require software programs and infrastructure fine tuned for rapid fire HFT execution strategies. BlueCrest Capital is the 3rd largest hedge fund in Europe and is one of the leaders in HFT. In this session, Mark will describe some of BlueCrest's systematic trading applications and how BlueCrest approaches the challenges associated with the massive data volumes.</i></p> <ul style="list-style-type: none"> • Building and optimizing HFT architecture to cope with the data flow • Creating synergy of trading execution with portfolio strategy • Reviewing different trading venues for HFT use and the best routing and execution strategy • Developing HFT algorithmic trading engines in emerging markets <p>Mark Holt, Head of Systematic Implementation, BlueCrest Capital Management</p>	

10.30	Morning Break
11.00	<p>Race to Zero Latency: Creating The Optimum Infrastructure for Competitive Advantage <i>While HFT creates a race towards light speed execution, it's not simply the distance and speed of execution that impacts latency, it is also other issues such as quote speeds coming in and the speed of interpretation, the complexity of the algorithm code and its decision-making speed, and routing speeds. In this presentation we consider where this Race to Zero Latency is taking us, whether it is sustainable and what the future of HFT infrastructure might look like.</i></p> <ul style="list-style-type: none"> • Latency optimized exchange interconnect • Ultra low latency feed handling and algorithmic processing • Guaranteed message delivery for risk and analytics • Debunking the myth of microbursts: Dealing with volatility and volume <p>Douglas Gourlay, Vice President of Marketing, Arista Networks</p>
11.30	<p>Developing Smart Order Routing (SOR) Technology For Next Generation Trading <i>Fragmentation is accelerating the shift of liquidity between venues, creating a need for second-generation SOR to bring real-time intelligence into the decision-making process. SOR is an essential tool to navigate liquidity yet the existing generation of static SOR isn't smart enough and can't cope. The next generation requires real-time analysis of pre-and-post-trade data along with adaptive trading technologies to seek and execute against dynamic liquidity with lower costs and higher execution performance.</i></p> <ul style="list-style-type: none"> • Why finding the cheapest venue is no longer the primary issue • How can SOR co-exist with low-latency execution? • Key considerations for SOR • Understanding SOR functionality requirements and how differentiation is driven by local regulation <p>Glenn Lesko, CEO, Asia, Instinet</p>
12.00	<p>Recent Changes In High Frequency Trading And Asian Stock Markets <i>HFT is often said to represent a contest of trader versus machine under conditions where most people agree that HFT puts the trader at a distinct disadvantage. But this is only possible if the base line assumptions within your black box model accurately reflect market conditions. It follows that HFT strategies require a strong understanding of market microstructure, volatility forecasting, liquidity modeling and technical analysis. Here we learn from Deutsche Bank's award winning Quant expert how changing market conditions impact your HFT strategy, the face of your competitors and the markets you can profit from.</i></p> <ul style="list-style-type: none"> • Reflecting on the impact of the credit crunch and recovery on equity market microstructures • How HFT related automation presents new market profit opportunities • Which US market trends have relevance to Asian based HFT plays <p>Kerr Hatrick, Director Head Quantitative Products One, Global Markets Structuring, Deutsche Bank</p>
12.30	Lunch Break
1.30	<p>FUTURE VIEW: Working In The Hybrid Clouds For Real-Time Equities Trading Applications <i>The security concerns surround financial data has reduced the attractiveness of the cloud computing application to equity trading. However many in the industry believe that a hybrid cloud model where data and applications can be split between private and public clouds-is the next logical step for the financial services industry. A number of financial firms are already using hybrid clouds and a handful are adapting this technology for use across their trading functions. Here we consider what cloud technology can do for your trading team and where this technology will lead us in the next 10 years.</i></p> <ul style="list-style-type: none"> • Management of sensitive data • Breaking down the application for cloud hosting • Separating the data and integrating the clouds • Meeting the low-latency demands of algorithmic trading <p>Paul Chew, Partner, Citihub</p>
2.00	<p>PANEL: A Brave New World: Facing Risk And Opportunity In Accelerated Trading <i>Professionals in securities, futures and derivatives markets have had to adjust to a business environment transformed and made more competitive by new technologies. Once-reliable businesses suddenly have become unprofitable and novel business models unimagined only a few years ago are vying for competitive footholds. Here we discuss some of the issues surrounding HFT that are concerning the regulators and what needs to happen to protect the interests of the HFT industry.</i></p> <ul style="list-style-type: none"> • HFT myths and realities and the regulator's reaction

	<ul style="list-style-type: none"> • Facing the arms race in HFT: is this a zero sum game? • Taxation proposals and challenges for the HFT industry • Where will the HFT innovations take us in 10 years? <p>Moderator: John Fildes, Director of Strategic Development, GETCO Brian Brown, Founder & MD, Shogi Group Walter Hendriks, Managing Director, ABR Financial B.V. T-Kiang Tan, SVP, Head of High Frequency Trading, Mizuho Securities</p>
2.30	<p>Risk Management Strategies To Ensure Successful High Frequency Trading <i>With the introduction of new technology based trading strategies, there is always a degree of increased risk as the users discover the strengths and weakness of their system arrangements. While it is widely understood that risk management systems should monitor the traders' activities in real time, trade-by-trade – how is this effectively achieved when the HF algo generates thousands of messages per second? Walter is a specialist in HFT risk management and will share how they manage this process at his firm.</i></p> <ul style="list-style-type: none"> • Assessing the risks of HFT relative to other quant strategies • Compliance requirements in Europe impacting the risk management process • Technology frameworks and their impact on system reliability • Controlling losses caused by a runaway algorithm <p>Walter Hendriks, Managing Director, ABR Financial B.V.</p>
3.00	<p>Monitoring and Reporting for Ultra-Low Latency Services <i>Inter-party latency is about measuring and reducing the latency that occurs between trading partners - for example, between a sell-side firm and an exchange in order to improve order execution and trading services. Assuming the numbers are good, those parties want to publish this information - it makes an exchange look good to show how fast they are matching orders, and makes a sell-side firm look good when it can demonstrate that its DMA architecture is the best.</i></p> <ul style="list-style-type: none"> • The need to exchange precise performance data and analytics • Developing the latency sharing policy and preparing a low latency budget • What if both parties have different vendor appliances? • FAST Protocol for the interoperation of latency measurement solutions <p>Shawn Melamed, Founder, President & CTO, Correlix</p>
3.30	Afternoon Break
4.00	<p>All In One Box: Minimizing Trading Latency With Massively Multi-Core Servers <i>The availability of commodity 32 and 64 core servers has revolutionized high-frequency trading architectures. Collocation footprints can be shrunk dramatically, and the latencies for processing algorithmically-driven trades can be reduced to tens of microseconds. When speed counts, avoiding network communication between servers is the way to win. This session examines opportunities and challenges provided by single server trading architectures.</i></p> <ul style="list-style-type: none"> • Open vs. closed architectures for single-server automated trading • Latency reduction strategies • Review of trading system benchmarks of throughput, latency, and scalability on a 32 core server • Looking forward to upcoming advances in hardware <p>Randall Duran, CEO, Catena Technologies & Professor of Banking Technology, Singapore Management University</p>
4.30	<p>HIGH FREQUENCY TRADING WORKSHOP – PART THREE Launching A HFT Division: Designing Your Trading Strategy <i>This workshop follows on from Parts One and Two held previously. Here we consider the tools and strategies you will need to create an effective trading strategy including tweaking the HFT algos and essential risk management. Understand more about the highly competitive and secretive business end of the HFT strategy. This is an interactive workshop and participants are encouraged to share their perspectives. Issues discussed include:</i></p> <ul style="list-style-type: none"> • Developing an algo strategy from the ground up • Profit protecting vs. profit generating algos • Selecting the right algos, how and when to deploy them • Optimal algo design • Effective monitoring and control to avoid disaster

	<ul style="list-style-type: none">• Adapting the algos for exchange colocation and AV platforms• Testing whether the trading strategy is aligned for low latency• Risk management for trading in collocated environments• How to work with high frequency data• Estimating transaction costs and market impact models• Optimal betting and execution strategies• Maximizing reward and minimizing risk <p>Peter Van Kleef, Managing Director, Lakeview Capital Market Service</p>
5.30	End of Conference