

Panelist Bios

Kirill Gelman, Managing Director, Option Market Making, Barclays

Experience:

1994-1998 Goldman Sachs - Technology (Risk and P&L applications)

1998-2000 Business School - Chicago University

2000-2005 Lehman brothers - Flow Vol Trading (specializing in Healthcare and Dispersion)

2005-2008 Lehman brothers - Option market Making

2009-Present Barclays - Option market Making

Timothy James, Customer Engineering Manager, Thomson Reuters

Timothy James oversees the team responsible for algorithm development, deployment, product customizations, code optimization, and other consulting needs. He has worked on algorithms and trading systems for many clients from large banks to proprietary trading firms. He also has recently appeared in E-Forex and FX-MM magazines. Timothy has been a speaker at various industry conferences and forums, including FIA and FX Week.

[About Thomson Reuters](#)

Ju Joh '00, Chief Technology Officer, Capstone Investment Advisors

In 2001, Ju started his career with Mako Global Trading in its NY office. As a programmer analyst, he designed and developed various components of back-office and front-office trading systems as well as implemented an overhaul of Mako's auto-traders. In 2003, he was promoted to lead Mako's order routing architecture team, and as a member of the Core Management Team he redesigned front-office/back-office system integration, as well as managing IT projects for Mako's expansion into Australia and Asia.

In 2004, Ju joined Capstone Holdings, where he is Chief Technology Officer.

As CTO of Capstone, he manages the IT resources of the company, integrating areas of financial engineering, software development, and hardware infrastructure. In addition to being responsible for planning and overseeing implementation of IT infrastructure for new and existing business opportunities, he leads the automated trading initiative at Capstone. Ju is a graduate of Cornell University, class of 2000, with a B.A. in economics and computer science. In 2001, he received a Master's degree in computer science, and in 2006 a M.A. in financial mathematics from Columbia University.

[About Capstone Investment Advisors](#)

Sasha Stoikov, Head of Research, Cornell Financial Engineering Manhattan

Sasha Stoikov was born in Berlin, and grew up in Geneva, Switzerland. He was an undergrad at MIT and completed his PhD at the University of Texas in 2005. Since then, he has worked in academia at NYU, Cornell and Columbia and in industry at BNP Paribas, Galleon group and Cantor Fitzgerald. His research is in stochastic control, partial differential equations and their applications to finance. His current research focuses on market microstructure and the modeling of limit order books.

[About Cornell Financial Engineering Manhattan](#)

Charles Tall '78, Founder and President, Archelon Group

Charles Tall is the founder and president of Archelon Group, a private, international securities trading firm. Archelon has been a high volume market maker and trader for over 20 years. They are active as members and traders on all of the major exchanges in Europe and the United States as well the KRX in Korea.

The firm was early to embrace the advantages and challenges of electronic exchanges and was an early participant on the Deutsche Terminboerse (Eurex) in 1992. Mr. Tall moved to Germany in 1995 to drive the firm's electronic activities and recognizes the importance of investments in technology and infrastructure in today's trading world. Currently 60% of the firm's 100 employees are working in technology functions at the firm.

Prior to moving to Germany, Mr. Tall lived in Chicago and New York where he operated his business activities on, and has been a member of, virtually all of the US financial exchanges in the '80s and early '90s. He has more than thirty years of financial industry experience including extensive participation in exchange management in the United States and Europe, ranging from committee memberships to board memberships. He currently is serving on the Exchange Council (Börsenrat) of Eurex Deutschland.

Mr. Tall is a 1978 graduate of the College of Engineering at Cornell University with a major in OR&IE.

[About Archelon Group](#)