

Minutes of the regular meeting of the  
FINTECH ADVISORY GROUP  
11:00am-2:00pm, Monday, April 1, 2019  
Federal Reserve Bank of New York  
33 Liberty Street, New York, NY

**Present:**

Michael Bodson, President and Chief Executive Officer, DTCC  
Andrew Boyajian, Head of Banking, TransferWise  
Lee Braine, Director of Innovation and Engineering, Barclays  
Martin Fleming, Chief Analytics Officer and Chief Economist, IBM  
Lena Mass-Cresnik, Chief Data Officer, Moelis & Company  
Patrick Murck, Special Counsel, Cooley LLP  
Ulku Rowe, Director of Financial Services, Google Cloud  
Sonal Shah, Executive Director, Beeck Center for Social Impact and Innovation  
David Waller, Partner and Head of Data Science and Analytics, Oliver Wyman

**Federal Reserve Bank of New York attendees:**

Linda Avery	Viktoria Baklanova
Clive Blackwood	Alan Basmajian
Elizabeth Caviness	Maria Casellas-Barnes
Pamela Dyson	Benjamin Chan
Richard Dzina	Chelsea Cruz
Adrian Franco	Elena Ferri
Lauren Hargraves	Robert Goodman
Michael Held	Brad Groarke
Beverly Hirtle	Vanessa Kargenian
Antoine Martin	Michael Lee
Meg McConnell	Kimberley Liao
Susan Mink	Erika Ota Liedtke
Sandra Lee	Adrienne Manns
Shrilaxmi Satyanarayana	Joey Patel
Kevin Stiroh	Asani Sarkar
John C Williams	Hannah Van Demark

Adrian Franco, Officer, Outreach and Communications, called the meeting to order at 11:30am. Kevin Stiroh, Executive Vice President and Head of Supervision and Pam Dyson, Executive Vice President and Head of Technology presented an overview of the FinTech Advisory Group (FTAG). Shrilaxmi Satyanarayana, Assistant Vice President and Counsel, reviewed the FTAG

Charter and the New York Fed's antitrust guidelines for members of advisory and sponsored groups.

During the luncheon portion of the meeting, John C. Williams, President and Chief Executive Officer of the Federal Reserve Bank of New York, offered welcome remarks.

FTAG members discussed views on the emerging technologies and applications they considered most important in the financial services industry. Some FTAG members noted the growth in adoption of services built on cloud technology. In particular, they indicated that cloud enables widespread use of sophisticated technology, and that it provides flexibility in responding to seasonal demand patterns. Some FTAG members highlighted that artificial intelligence is enabling the use of unstructured data to allow analysts to focus on deeper issues, but also noted that explainability of models and potential introduction of past biases are issues to address. FTAG members noted that payments technology will continue to become more deeply embedded in everyday activity, that access to payments infrastructure remains an issue, and that some jurisdictions are more open than others. FTAG members also discussed global uses of distributed ledger technology outside the financial sector tied to digital identity. Other technologies discussed included quantum computing and open banking.

FTAG members also discussed where risks could be emerging with respect to FinTech that could affect the financial system. FTAG members mentioned data privacy as an area of concern, and discussed the importance of data protection and governance. FTAG members also mentioned security risks. Some FTAG members noted the risk of fragmentation of centralized markets that could result from certain technologies, and the importance of having a robust market structure. Some members noted that FinTech requires flexible governance structures as technology changes quickly, and that an inability to replace technologies quickly could leave firms vulnerable. Another risk mentioned is the risk that, over time, more regulated activities would be captured by unregulated FinTech firms as banks are disintermediated.

The meeting adjourned at approximately 2:00pm.