Financial Stability Implications of New Technology
Atlanta, October 18-19, 2018

Call for Papers

The Center for Financial Innovation and Stability (Federal Reserve Bank of Atlanta) and the Center for the Economic Analysis of Risk (Georgia State University) are organizing the conference “Financial Stability Implications of New Technology,” to be held at the Federal Reserve Bank of Atlanta on the 18th and 19th of October 2018. The aim of the conference is to bring together economists, finance and risk management professionals and regulators in order to discuss how changing technology is likely to affect financial stability.

The financial system has been evolving in responses to changing financial and information technology over the last several decades. However, recent advances in areas such as big data, machine learning and distributed ledgers have the potential to accelerate greatly the pace of change. These changes could result in a stronger more resilient financial system, for example by making the financial system more transparent, and improving the ability of regulators to evaluate the financial system and monitor compliance. However, these changes also have the potential to make the system less stable, for example by allowing unregulated firms to offer essential financial services or accelerating the pace at which a systemic crisis develops or by raising new cyber-security issues. This conference will look to the past to better understand how changes in technology may affect stability and how regulators can best respond to the changes. It will also look to the present to understand better what is happening now and consider how policymakers should respond to a rapidly evolving industry. Finally, it will try to peer into the future to understand better how the financial system is likely to evolve and consider what measures can be taken now to guide it in a more positive direction.

Paper Submission

We invite academics, professionals and regulators to submit papers for this meeting. Long abstracts or, preferably, complete manuscripts may be submitted no later than the July 23 on the full range of issues associated with the effect of new technology on financial stability. These issues including but not limited to:

- What determines the rate of adoption of new financial technologies and which technologies have a transformative effect?
- How have regulators historically responded to financial innovations and how have those responses affected financial stability?
- How is the financial system currently being transformed by new developments in technology?
- How should financial regulators respond to current developments in the application of financial technology to both encourage the benefits and reduce the costs of new technology?
- What will the financial system of the future look like? How can regulation help us capture the benefits and avoid the costs?
- What implications are there for risk management and the insurance industry.

Please send your submissions in PDF format directly to Larry Wall, who may also be contacted for any further inquiries: larry.wall@atl.frb.org. The results of the selection process will be sent by August 23. Reasonable travel and accommodation expenses will be covered for the presenters of accepted papers.