



# Journal of Capital Markets Studies

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Special Issue Title: Financial Technologies and Algorithmic Trading Methods

## Guest editors:

**Marco Avellaneda**, *Courant Institute of Mathematical Sciences, New York University, USA*, [avellaneda@courant.nyu.edu](mailto:avellaneda@courant.nyu.edu)

**Irene Aldridge**, *ABLE Markets, USA*, [irene@ablemarkets.com](mailto:irene@ablemarkets.com)

**Ali N. Akansu**, *Department of Electrical and Computer Engineering, New Jersey Institute of Technology, USA*, [akansu@njit.edu](mailto:akansu@njit.edu)

## Special Issue Topic:

Recent technological developments in data collection and processing, advance data bases, machine learning methods and artificial intelligence, bigdata mining, decentralized cloud storage, and low-latency internetworking of secure data have already transformed the financial sector. The emerging technologies and high performance computing have had created global market opportunities for numerous services and products. The financial industry has already deployed state of the art IT infrastructure to benefit from these developments. The paradigm shift in finance offers inter-disciplinary research and development opportunities for scientists, engineers and practitioners. This special issue will compile research contributions in financial technologies and applications from the fields of finance, engineering and mathematical finance with the focus of new financial technologies and services, and algorithmic trading.

The topics of interest include but are not limited to

- Blockchain
- Digital Currency
- Economics of Digitization
- Machine Learning Methods & Artificial Intelligence for Finance Applications
- Algorithmic Trading Methods
- Fundamentals of Financial Signals and Quantitative Finance
- Market Microstructure Modeling and Analysis
- Smart Order Routing Algorithms and Low-Latency Systems
- Risk Analysis and Models
- Dynamic Portfolio Optimization and Management
- Theory of Games and Auctions in Financial Models
- High Performance Signal Processing for Finance and Electronic Trading



## Submission Procedure:

Submissions to this journal are through the Scholar One submission system here: <https://mc.manuscriptcentral.com/jofcms>

Please visit the author guidelines for the journal at <http://www.emeraldgrouppublishing.com/services/publishing/jcms/authors.htm>

Please ensure you select this special issue from the relevant drop-down menu of the submission process.

**Submission Deadline:** 15 May 2018.

## Important dates:

- Call for Papers: Feb 2018
- Submissions deadline: 15 May 2018
- Publication: November 2018

## Contacts:

If you have any queries please feel free to discuss your manuscript ideas with the Guest Editor: Ali N. Akansu, Department of Electrical and Computer Engineering, New Jersey Institute of Technology, USA, [akansu@njit.edu](mailto:akansu@njit.edu)

