



# IEEE CIFE<sub>r</sub> 2019

IEEE Conference on Computational Intelligence for Financial Engineering and Economics

May 4-5 2019, Shenzhen, China

Power Financial Industries with AI Advances from Academia



## Call for Papers



### General Co-Chairs

Hisao Ishibuchi (Southern University of Science and Technology)

Dongbin Zhao (Institute of Automation, Chinese Academy of Sciences)

### Program Co-Chairs

Chenghui Cai (Shenzhen WeAI Tech LLC)

Wen Dou (Maoyuan Capital LLC, CTIA)

Aaron Gong (CME Group)

Zongwei Luo (Southern University of Science and Technology)

### Industry Liaisons

Robert Golan (DB Mind)

**Conference Committee:**  
David Quintana (Universidad Carlos III de Madrid)

Edward Tsang (University of Essex)

Michael C S Wong (City University of Hong Kong)

Philip Yu (University of Hong Kong)

William M.Y. Cheung (Waseda University)

Okan Duru (Nanyang Technological University)  
Aparna Gupta (Rensselaer Polytechnic Institute)

Vincent Tam (University of Hong Kong)

Jeff (Jun) Nie (Keywise Capital Management, ARIMAC)

Uzay Kaymak (Eindhoven University of Technology)

IEEE CIFE<sub>r</sub>, Computational Intelligence for Financial Engineering and Economics is the major collaboration between the professional engineering and financial communities, and is one of the leading forums for new technologies and applications in the intersection of computational intelligence and financial engineering and economics with a history starting from 1990s.

We deeply believe that besides inviting our prestigious academic scholars, the CIFE<sub>r</sub>'19 focusing on the theme of powering financial industries with AI will be unique and special in its connecting international computational intelligence communities with many booming Fintech companies with AI innovative applications and more than 8,000 hedge funds with AUM Ten Trillions of Chinese Yuan in Shenzhen and other cities in China.

## Scopes (included but not limited to)

AI and Big Data Technologies

S1 Deep Learning and Reinforcement Learning

S2 Financial Machine Learning and Data Mining

S3 Natural Language Processing and Text Mining

S4 Probabilistic Modeling/Inference

S5 Fuzzy Sets, Rough Sets, & Granular Computing

S6 Evolutionary Computation

S7 Intelligent Trading Agents

S8 Time Series Analysis

S9 Non-linear Dynamics

S10 Financial Data Mining

S11 Sentiment Analysis and Emotion Mining

S12 Alternative Data Integration and Mining

S13 Predictive Modeling and Forecasting

S14 Visualization and VR

Financial Engineering & Economics Applications

S15 Algorithmic and Quantitative Trading

S16 Portfolio Optimization and Asset Allocation

S17 Risk Management

S18 Pricing of Structured Securities

S19 Hedging Strategies

S20 Risk Arbitrage

S21 Behavioral Finance

S22 Innovative Derivative and Fix Income Products

S23 Agent-based Computational Economics

S24 Artificial and Emerging Markets

S25 Operations Research and Management Sciences

S26 Front/Back Office Operations

S26 Fintech Innovation and Block Chain Applications

S28 Algorithmic Trading Competition

### Submission Requirements

Papers should present academic or practical value, and have not been published in any academic journals or conferences previously. Selected papers from the conference will be recommended for publication consideration in some SCI journals.

### Contact

[cifer2019@hotmail.com](mailto:cifer2019@hotmail.com)

### Instructions for Authors:

[http://www.ieee-cifer.org/website\\_cifer/authorinf.html#IEEEExplore](http://www.ieee-cifer.org/website_cifer/authorinf.html#IEEEExplore)

### Important Dates

**Submission Deadline:** December 8, 2018

**Notification of paper acceptance:** January 15, 2019

**Website:** [http://www.ieee-cifer.org/website\\_cifer/about\\_2019.html](http://www.ieee-cifer.org/website_cifer/about_2019.html)