The 4th International Conference on Big Data and Security

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Workshop Title:

Workshop on Data Science in Management

Abstract:

With the rapid development of Data Science and the deep application of new generation digital technology, human society has been gradually entering the data age. And a technological revolution based on data is taking place, and Data Science has become the forefront of technological development. A series of scientific research methods, such as data-centric computing platforms, data processing, analyzing and disseminating tools, algorithms and models, constitute the Fourth Paradigm of technological development, and bring great challenges and new opportunities to the research in many disciplines such as management and sociology. This seminar is to provide a first-class international exchange platform for academic researchers, industry managers and other experts and scholars, focus on Data Science issues in the field of management, pay attention to management process and model of big data, artificial intelligence and digital technology and summarize management practice and innovation experience in the era of big data. The seminar will explore the following key areas: (1) Human behavior, organizational characteristics and the innovation of society management in the digital society; (2) Management theories, methods and innovative practices in the data age; (3) Digital technology and application in the management process; (4) The impact and future trend of data science on the field of management.

We invite researchers to provide original research papers and review articles to seek high-quality academic achievements on the latest progress in applying data science to solve the management challenges. Relevant essay topics include but are not limited to:

1. Data science challenges and management paradigm innovation

2. Intelligent decision and prediction based on data science

3. Digital strategy, transformation and empowerment

4. Digital economy and its integration effect

5. Digital industrialization and industrial digitization

6. Autonomy and governance of virtual society

7. Smart urban and rural development and governance

8. Digital engineering and smart construction

9. Industrial internet and digital supply chain

10. Digital trade and cross-border investment

11. Smart finance and digital finance

12. Data security, technology and management

13. Digital talent training, new employment and social work

14. Privacy protection, data ethics and legal implications in the digital age

15. Opening, sharing and trading of data resources

Workshop Chairs:

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