Special Issue

Artificial Intelligence and Multi-Agent Systems for Big Data

Message from the Guest Editors

With the development of single-agent technology in various fields such as defense, logistics, surveillance, and social services, the interest and research on multi-agent systems (MASs or "self-organized system") are being concentrated in recent years. An MAS is a computerized system composed of multiple interacting intelligent agents. MASs can solve problems that are difficult or impossible for a single agent or a monolithic system to solve.

The evolution of research in Artificial Intelligence (AI) and Big Data in recent years challenges almost all domains of human activity. The potential of AI to act as a catalyst for all given business models, and the capacity of Big Data research to provide sophisticated data and services ecosystems at a global scale, provide a challenging context for scientific contributions and applied research.

In this Special Issue, we would like to include outstanding studies for aforementioned topics such as original research articles or comprehensive review papers.

Guest Editors

Prof. Dr. Seunghwan Lee

Prof. Dr. Jaepil Ban

Prof. Dr. Heoncheol Lee

Deadline for manuscript submissions

closed (31 December 2022)

Big Data and Cognitive Computing

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 9.8

mdpi.com/si/120646

Big Data and Cognitive Computing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bdcc@mdpi.com

mdpi.com/journal/BDCC

Big Data and Cognitive Computing

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 9.8

mdpi.com/journal/BDCC

MDPI

About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Min Chen
School of Computer Science and Engineering, South China University of Technology, Guangzhou 510641, China

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q1 (Computer Science, Theory and Methods) / CiteScore - Q1 (Computer Science Applications)