Special Issue

Field Robotics and Artificial Intelligence (AI)

Message from the Guest Editors

The use of robotics and artificial intelligence to solve problems, improve safety and yield new insights across a growing number of application domains is a major global trend. The diverse field of robotics applications is expanding, and ranges from medicine and agriculture to condition assessment and factory floors. Recent advances in sensor technologies, along with on-board processing resources, have enabled the application of many robotics with higher levels of autonomy and intelligent decision making. The focus of this Special Issue is to highlight how researchers employ robotics and/or artificial intelligence in the field to address some of these key application domains.

This Special Issue will act as a repository for state-of-the-art research on the use, breadth and implementation of robotics to address real-world problems across different domains. The repository will supplement existing literature by demonstrating and evaluating the use of robots in the field to demonstrate the implementation and use of robotics in contrast to simply theoretical models.

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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.

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