



Editorial

Welcome to the New Interdisciplinary Journal *Combining Big Data and Cognitive Computing*

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Welcome to *Big Data and Cognitive Computing (BDCC)*. Together with the editing team, I am very excited to see the launch of this journal.

In the past decade, the computer and information industry has experienced rapid changes both from the scale and scope of applications. Computers, smart phones, clouds, social networks, and supercomputers demand not only high performance but also a high degree of machine intelligence.

As a matter of fact, we are entering an era of big data and cognitive computing. Compared with traditional datasets, big data brings about new opportunities for discovering new values, helps us to gain an in-depth understanding of the hidden values, and also incurs new challenges. Successful cloud systems, web services and supercomputer centers must be designed to discover, store, process, predict, analyze, and learn from a massive amount of data.

To face these new computing and communication changes, we must upgrade the clouds and the computing ecosystem with new capabilities, such as machine learning, IoT sensing, data analytics, and cognitive machines mimicking human intelligence. The *BDCC* publishes papers on the latest advances, as well as review articles, on various aspects of big data and cognitive computing. Topics will include big data, cloud computing, cognitive computing, cloud security, data analytics, mobile big data, cognitive learning, machine learning, etc. Special Issues will focus on single topic areas, for example, theoretical research, technology development, and practical implications for big data and cognitive computing.

This journal blends together big-data theories with emerging technologies on smart clouds and exploring supercomputers with new applications. We hope that the *BDCC* will represent MDPI well by becoming the world's foremost publication in this new interdisciplinary field combining big data and cognitive computing. The journal has a strict peer-review policy and it aims to have the minimum of delays between submission and publication.

We would like to take this opportunity to thank all the authors, reviewers, and Editorial Board members for their contributions. I would also like to thank the MDPI Editorial Office for their support.

Together, we look forward to receiving your submissions, suggestions, and services. Thank you all, in advance.

Conflicts of Interest: The author declares no conflict of interest.



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