Special Issue

Knowledge Modelling and Learning through Cognitive Networks

Message from the Guest Editors

Cognitive network science is a rapidly growing research area investigating a wide range of mental phenomena through complex network representations of cognitive systems and supported by the increasing availability of cognitive Big Data. The researchers developing this innovative research area come from a variety of fields. Cognitive networks represent a powerful approach for investigating cognitive phenomena where the networked, associative organization of this phenomenon influences cognitive processes operating over it. This Special Issue aims at bringing together quantitative, innovative research that focuses on modeling knowledge through cognitive networks for gaining insights into mechanisms driving cognitive processes related to knowledge structuring, exploration and learning. We are open to a variety of publication types, including reviews and theoretical papers, empirical research, computational modeling, and Big Data analysis. Submissions to this Special Issue should demonstrate how the application of network science extends and broadens cognitive science and knowledge modeling in ways that traditional approaches cannot.

Guest Editors

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closed (31 December 2021)

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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.

Editor-in-Chief

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