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Cognitive Computing with Big Data System over Secure Internet of Things

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Deadline for manuscript submissions:
closed (28 June 2020)

Message from the Guest Editors

This Special Issue aims for data analysis, knowledge extraction, and decision support solutions based on data technologies and cognitive methods over the secure Internet of Things.

The scope includes (but is not limited to) the following:

- Cognitive computing models and prediction analytics (such as for e-health);
- Cognitive semantic collective intelligence (such as in medical applications);
- Cognitive computing algorithms (such as for smart healthcare systems);
- Cognitive design principles and best practices for IoT application development (such as for human health services);
- Cognitive reasoning about IoT smart objects (such as for health care);
- Cognitive models for big data systems, theory, and applications (such as in e-health);
- Cognitive data models (such as for telemedicine);
- Edge/fog/IoT for mobile/wireless/pervasive/proactive/personalized service (such as healthcare);
- IoT sensors data management;
- IoT data mining and analytics (such as for smart medical devices).

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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