Cognitive Computing with Big Data System over Secure Internet of Things

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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).