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Recent Advances in Big Data and Cloud Computing

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Message from the Guest Editor

Big data is a rapidly expanding research area, spanning the fields of computer science and information management, and has become a ubiquitous term used when understanding and solving complex problems in different disciplinary fields, such as engineering, applied mathematics, medicine, computational biology, healthcare, social networks, finance, business, government, education, transportation and telecommunications. The cloud represents the natural evolution of distributed computing and the widespread adaption of virtualization. Cloud computing has become a platform for the consumption and delivery of scalable services in the field of IT services.

The Special Issue topics include, but are not limited to, the following:

- System architecture for cloud/edge/fog computing;
- Coordination between cloud, fog and sensing/actuation endpoints;
- Connectivity, storage and computation in the edge;
- Security, privacy and ethics issues related to the cloud and big data;
- Power, energy and resource management;
- Big data analytics and machine learning;
- Big data platforms and technologies;
- Predictive and business intelligence;



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Special Issue



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Message from the Editor-in-Chief

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