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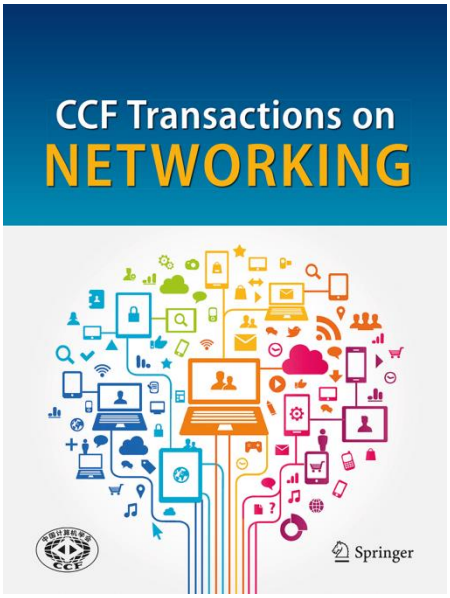

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Special Issue on **Edge Computing and Networking**

--Call for Submissions--

Edge Computing has the potential to address the concerns of response time requirement, battery life constraint, bandwidth cost saving, as well as data safety and privacy. The applications and research opportunities related to Edge Computing are immense. From application's point of view, there are emerging applications in video analytics, smart environments, autonomous driving, mobile sensing, industry 4.0, collaborative games, and logistics. From technology's point of view, there are challenges in edge computing architecture, resource management, data sensing, sharing and processing, quality of services, and networking protocols. From foundation's point of view, edge computing requests for new advances in wireless communication, parallel and distributed computing, network economics, computer architecture, as well as security and privacy understanding.

This special issue aims to provide a platform for scientists, industry practitioners, and researchers from different domains to jointly define and enhance the understanding of Edge Computing. We invite researchers from academia, industry, and government to exchange new ideas, research contributions, applications, and standardization efforts for Edge Computing. Topics of interest include, but are not limited to:

- Edge Computing architecture, applications, and experiments
- Computer architectural support for Edge Computing
- Data sensing, sharing and processing in Edge environments
- Edge Computing for Industry 4.0
- Edge Computing for big data analytics
- Resource and network management in Edge Computing
- Quality of Service and pricing for Edge Computing networks
- Interactions between the Edge and the Cloud
- Mobile-Cloud technologies for Edge Computing
- Wireless communication, networking, and protocols for Edge Computing
- Execution environment, light-weight virtualization and micro-services in the edge
- Edge caching, filtering, and energy-awareness
- Security and privacy concerns of Edge Computing communication, networking and computing
- Economic models and incentive issues in Edge Computing
- Multi-access edge with integrated radio access technologies (e.g., 5G, LTE, WiFi)
- Service placement and mobility management in Edge Computing

Important Dates

- Deadline for paper submissions: **1 May 2018**
- Notification of paper acceptance: **30 June 2018**
- Final Manuscript due: **7 July 2018**
- Publication date: September 2018

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