International Journal of Distributed Sensor Networks

Hindawi

Special Issue on

Emergence in User Experience and Quality of Service for Internet of Things

CALL FOR PAPERS

Tremendous growth in Internet of Things (IoT) prompted a dramatic development in sensor networks and, in addition, the convenience in all aspects of human lives. Better lives can be envisioned with the well deployment of sensors (or smart objects) in which most of them have been around us, and better lives, apparently, rely on the quality of services. This phenomenon implies that quality challenges have come to light in various domains, and the attitude towards quality has come under renewed scrutiny. As IoT-empowered services became increasingly open and diversified, changes in user expectations regarding quality, for which the importance of making quality assurance more human-centric by taking an approach based on the perspective of users and anticipating their needs, is consequently emphasized. Quality does not mean the quality of a service itself or whether a service complies with certain specifications. Instead, it means the users' perception of quality or their expectations of the level of quality. Therefore, understanding of user experience that spans a wide spectrum of topics becomes a challenge to prompt the service provision.

This special issue is soliciting high quality technical papers addressing research practices and challenges in the areas of user experience understanding for better service provision in IoT-empowered scenarios.

Potential topics include, but are not limited to:

- Algorithms, frameworks, models, infrastructures
- Theoretical schemes and architectures of computing paradigms
- QoS in ubiquitous, high-performance, and green computing
- Multimodal interactions and mobility
- Affective computing and environmental modeling
- Human-centric design in IoT-empowered interactive systems
- Awareness science and engineering in development of human-centric IoT environments
- Service delivery over sensor networks
- Privacy, security, and trust in IoT-empowered
- Wearable computing, smart clothes, new devices, and sensors
- Innovative QoS-based systems/applications/services for development of IoT
- New requirements, testbeds, and experiments for prompting QoS in IoT-based scenario
- Practices, surveys, and case studies

Authors can submit their manuscripts via the Manuscript Tracking System at http://mts.hindawi.com/submit/journals/ijdsn/euq/.

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