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Special Issue

on

Internet of Things and Smart Tourism

Guest editors:

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<http://www.springer.com/business+%26+management/business+information+systems/journal/40558>

Papers should be submitted no later than October 31, 2017

Technological innovation has been proven to be an essential driver for the evolution of tourism services by providing vital support for those looking to find new ways to effectively manage resources and deliver services. Travel and tourism leaders have recently embraced the smart tourism concept with interest. Indeed, they are making huge steps in designing innovative products and laying out a vision for how places and industry can use technology to meet sustainability goals, boost local economies, and improve services for everyone.

Within the smart tourism framework, the Internet of Things (IoT) is defined as a network of physical objects such as computers, phones, watches, sensors, vehicles, and other smart devices that enables these objects to collect and exchange data, so that they provide higher quality services. IoT is becoming a key source of innovation and creativity facilitating the evolution towards successful destination. For example, significant new developments based on Augmented Reality can advance the visitors experience in Museums and Fairs. Smart phones and watches can exchange data with beacons and/or other devices to increase the visitors' satisfaction. The ability to harness real-time, highly granular data across a wide range of places, operations and services is changing the way the destination is managed and experienced. With the emergence of IoT, information and communications technologies (ICT) are now deeply embedded in the fabric of old and new places and tourism destinations, presenting new opportunities and challenges.

Topics

Important aspects and topics to be discussed evolve around (but are not limited to):

- IoT and Smart Destinations
- IoT for Smarter Travel
- Smart Hotels
- Cyber-Physical Systems for Tourism
- Augmented Reality for Museums and Fairs
- 5G Mobile Technologies and Applications
- Beacon, NFC, RFID and other sensor technologies
- Smart Watches and Applications

- Stream data mining for Tourism
- Tourism Data Analytics
- IoT for tourists' safety
- Security and privacy issues
- Context-aware Recommender Systems
- Location-based Social Networks
- Ontologies, taxonomies, folksonomies for tourism
- Event detection from social media

Submission

Papers are required no later than October 31th, 2017. Notification of outcome will be provided by December 1st, 2017. Revised papers should be submitted by February 1st, 2018.

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Submission of a manuscript implies that the work described has not been published before; that it is not under consideration for publication anywhere else; that its publication has been approved by all co-authors, if any, as well as by the responsible authorities – tacitly or explicitly – at the institute where the work has been carried out. The publisher will not be held legally responsible should there be any claims for compensation.

The journal imposes no hard limits on the paper length as long as what authors write is important. Submissions that exceed 30 pages in journal format (including illustrations and references) should, however, be accompanied by a short justification as to why a briefer discussion of their research results.

Full author instructions may be found here:

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