



CALL FOR PAPERS

Special Issue

on

Network science in e-Tourism

Guest editors:

Professor Rodolfo Baggio and Professor Matthias Fuchs

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

Short abstracts should be submitted no later than **30th June 2017**

Final papers should be submitted no later than **30th September 2017**

As in many academic disciplines, the volume of network research in tourism and hospitality has increased dramatically in recent years. The number of works in network science is growing exponentially, together with the realization, that neither atomistic nor deterministic explanations provide fully satisfactory answers to the questions related to many complex and dynamic systems, and that relationships have acquired a greater importance over the characteristics of individual network elements. If this is true for many natural, artificial, economic and social phenomena and systems, it is even more relevant in today's highly interconnected technological arena. Given the importance ICTs play in the tourism field, it is, thus, imperative to consider that the structural and dynamic characteristics of digital tourism ecosystems composed by digital supply and distribution chains as well as (e.g. social media-based) customer networks gain a great interest from both a theoretical and a practical point of view. Network science offers the ideal methodological framework to conduct research in this emerging scientific field. This special issue aims at addressing innovative explorations in the application of network science to the digital travel, tourism and hospitality domain.

Topics

Topics to be covered by this Special Issue include, but are not limited, to the following areas:

- Applications of network analysis and mining in information systems research and case studies
- Classification, ranking and identification of important elements in online networks
- Digital networks modeling
- Dynamic processes on and in digital networks
- Impact of digital network dynamics
- Information diffusion on social media

- Multi-agent based simulation for social networks
- Multilayer network analysis and simulations
- Network analysis of online social networks
- Network analysis tools and techniques applied to technological networks
- Online data collection methods for network analysis
- Robustness and resilience of tourism digital ecosystems
- Structural features of Internet and Web networks
- Temporal aspects in online social networks and social media

Submission

Authors are invited to submit a short abstract with length of about 300 words containing: *aim, data and methods used, actual or foreseen outcomes, and contribution(s) to the field*. Abstracts should be sent directly to the guest editors (Rodolfo Baggio: rodolfo.baggio@unibocconi.it; and Matthias Fuchs: matthias.fuchs@miun.se). Authors of accepted abstracts will prepare full papers following the Journal's instructions. All submitted papers will be fully peer-reviewed.

Deadlines

- **Short abstracts** are required no later than 30th June 2017
- Notification of outcome will be provided by 10th July 2017
- **Final papers** are required no later than 30th September 2017
- Notification of review outcome will be provided by 30th November 2017
- **Final papers** should be re-submitted for publication by 20th January 2018

Submission instructions

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. Authors should submit their manuscripts online under <https://www.editorialmanager.com/jitt/>. The journal imposes no hard limits on the paper length as long as what authors write is important. Submissions that exceed 40 pages in journal format (including illustrations and references) should however be accompanied by a justification as to why a briefer discussion of their research results is not advisable.

Full author instructions may be found here:

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

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