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## **Call for Papers**

### ***Annals of Operations Research***

### **Special Volume: Retrial Queues and Related Models**

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The *Annals of Operations Research* seeks submissions for a special volume on ***Retrial Queues and Related Models***. The deadline for submission is September 1, 2014.

Methods of analytical and stochastic modelling in retrial queues are widely used in daily life systems, call centers, and telecommunication and computer systems, such as cellular mobile telephone networks with retrial customers, collision-avoidance star protocols for local area networks, and fast reservation protocols for asynchronous transfer mode. This special volume solicits original and high-quality contributions to the study of relevant retrial queuing models. Both theoretical and application-oriented manuscripts of methodological and/or practical interest are welcome.

The main source of manuscripts for this special volume is the WRQ'14 meeting (10<sup>th</sup> International Workshop on Retrial Queues, Tokyo Institute of Technology, July 24-26, 2014, Japan), but manuscripts of researchers who do not attend the workshop will also be considered.

#### **The main topics of interest are**

- Analytic study of new descriptors in the main single- and multi-server retrial queues
- Continuous- and discrete-time retrial queues, and time-dependent models
- Markovian arrivals, phase-type distributions, and related topics in retrial queues
- Stability, diffusion approximations, monotonicity properties and optimal control of retrial queues
- Statistical study of retrial queues
- The impact of retrials in call center management
- Applications to queues in daily life systems, and telecommunication and computer systems
- Related models, such as queues with abandonments, queues with losses, inventory systems with postponed demands, etc.

#### **Instructions for authors can be found at**

<http://www.springer.com/business/operations+research/journal/10479>

Authors should submit a cover letter and a manuscript by September 1, 2014, via the Journal's online submission site. Manuscripts submitted after the deadline may not be considered for the special volume and may be transferred to a regular volume.

Please see the Author Instructions on the web site if you have not yet submitted a paper through Springer's web-based system, *Editorial Manager*. Be sure to note when leaving a comment that your work is intended for the special volume and to select the article type "***SI Retrial Queues and Related Models***".

Papers will be subject to a strict review process managed by the Guest Editors and accepted papers will be published online individually, before print publication.

## **Guest Editors**

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