
Call for Papers
Annals of Operations Research
Special Issue: Reliability and Quality Management in Stochastic Systems
Deadline extended to February 15, 2017

We invite submissions to a special issue of the *Annals of Operations Research* that make a significant contribution to the topic *Reliability and Quality Management in Stochastic Systems*. It is open to all researchers of this area. We would like to encourage, in particular, all participants of the *Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2016)* to submit extended versions of their presented papers.

Reliability and quality management are quite important in many practical stochastic systems, such as computer systems, logistic systems, and production systems, etc. Developing and applying operations research methods to measure the robustness and to solve the engineering problems of a stochastic system are indeed crucial tasks of the system manager when improving a stochastic system. The main focus of this special issue is on reliability and quality management in practical stochastic systems. We invite related high-quality papers from both theoretical and practical aspects. Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Potential topics include, but are not limited to:

- Reliability engineering and analysis
- Quality measurement of stochastic systems
- Performance evaluation for stochastic systems
- Stochastic network flow
- Stochastic systems with human resources
- Applications in production, manufacturing, and logistics
- Stochastic and statistics for stochastic systems
- Decision support for stochastic systems
- Applications in computing, artificial intelligence, and information management
- Applications in service systems
- Fuzzy stochastic systems
- Soft computing on stochastic systems

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 ~~October 15, 2016~~, **February 15, 2017**, via the Journal's online submission site. Manuscripts submitted after the

deadline may not be considered for the special issue and may be transferred to a regular issue.

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 issue and to select the article type "***SI: Reliability and Quality Management in Stochastic Systems***".

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:

Yi-Kuei Lin

Chair Professor, Department of Industrial Management
National Taiwan University of Science and Technology, Taiwan
E-mail: yklin@mail.ntust.edu.tw

Ming J. Zuo

Professor, Department of Mechanical Engineering
University of Alberta, Canada
E-mail: ming.zuo@ualberta.ca

Hoang Pham

Distinguished Professor, Department of Industrial and Systems Engineering
Rutgers University, USA
Email: hoang84pham@gmail.com