



Queue and Stochastic Models for Operations Research

Guest Editor:

Dr. Tuan Phung-Duc

Department of Policy and
Planning Sciences, Institute of
Systems and Information
Engineering, University of
Tsukuba, 1-1-1 Tennodai,
Tsukuba 305-8573, Ibaraki, Japan

Message from the Guest Editor

We would like to invite you to submit your work to the Special Issue “Queue and Stochastic Models for Operations Research”. This Special Issue is seeking high-quality contributions in queues and related stochastic models arising from operations research.

Keywords

Deadline for manuscript
submissions:

closed (30 October 2020)

- Stochastic models
- Matrix analytic methods
- Asymptotic analysis of queueing models
- Game theoretic analysis of queues
- Fluid and diffusion limits, large deviation analysis of queues
- Stochastic analysis of risk models
- Matching queues
- Multidimensional Markov chains
- Novel queueing models in applications
- Stochastic analysis of machine learning systems





Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank: JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Contact Us

Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mathematics
mathematics@mdpi.com
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)