



## ACM Transactions on Modeling and Performance Evaluation of Computing Systems

### Information For Contributors

ACM Transactions on Modeling and Performance Evaluation of Computing Systems (TOMPECS) is a quarterly peer-reviewed journal that publishes refereed articles on all aspects of the modeling, analysis and performance evaluation of computing and communication systems. It solicits and will publish articles that

- define, develop, and assess new performance evaluation methodologies, including analytical techniques, experimental design, formal methods, instrumentation techniques, mathematical modeling, optimization, queueing theory, reliability analysis, simulation, statistical analysis, stochastic modeling, verification and validation, and workload characterization;
- provide new insights on the performance of computing and communication systems; or
- introduce new settings within which performance modeling and evaluation can play an important role

Target areas for these performance evaluation methodologies include traditional areas such as computer architecture, computer networks, database systems, distributed systems, enterprise systems, fault-tolerant systems, file and I/O systems, memory systems, multimedia systems, operating systems, peer-to-peer networks, real-time systems, sensor networks, software systems, storage systems, telecommunication networks, Web-based systems, and wireless networks as well as up and coming areas such as data centers, green computing and communications, energy grid networks, on line social networks, and networks at large.

### Editors-in-Chief

**Don Towsley**, University of Massachusetts-  
Amherst, USA

**Carey Williamson**, University of Calgary, Canada

### Associate Editors

**Marco Ajmone Marsan**, Torino Politecnico, Italy

**Virgilio Almeida**, UFMG, Brazil

**Martin Arlitt**, HP Labs, USA

**Konstantine Avrachenkov**, INRIA-Sophia Antipolis, France

**Sem Borst**, Alcatel Bell Labs, USA/University of Eindhoven,  
The Netherlands

**Edmundo de Souza e Silva**, UFRJ, Brazil

**Richard Gibbens**, Cambridge University, UK

**Leana Golubchik**, USC, USA

**Peter Harrison**, Imperial College, UK

**Mor Harchol-Balter**, CMU, USA

**John Lui**, CUHK, Hong Kong

**Anirban Mahanti**, NICTA, Australia

**David Nicol**, UIUC, USA

**Prashant Shenoy**, University of Massachusetts-Amherst, USA

**Evgenia Smirni**, College of William and Mary, USA

**Mark Squillante**, IBM, USA

**Y.C. Tay**, National University of Singapore, Singapore

**Patrick Thiran**, EPFL, Switzerland

**Benny van Houdt**, University of Antwerp, The Netherlands

**Adam Wierman**, CalTech, USA

**Please watch [tompecs.acm.org](http://tompecs.acm.org) for details or contact Laura Lander at [lander@hq.acm.org](mailto:lander@hq.acm.org) to be added to the journal email notification list.**