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.

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