Book Proposals:
Proposals for advanced level textbooks, research monographs, reference books, coherently integrated multi-author edited books, and handbooks will be considered for the series. Each proposal will be reviewed by the Series Editor, and/or editorial board members, with additional reviews from independent reviewers where appropriate.

Proposal Guidelines on Page 2

Submit your proposal to

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Aims and Goals:
Scalable computing lies at the core of all complex applications. Topics on scalability include environments, such as autonomic, cloud, cluster, distributed, energy-aware, parallel, peer-to-peer, greed, grid and utility computing. These paradigms are necessary to promote collaboration between entities and resources, which are necessary and beneficial to complex scientific, industrial, and business applications. Such applications include weather forecasting, computational biology, telemedicine, drug synthesis, vehicular technology, design and fabrication, finance, and simulations.

The Scalable Computing and Communications Book Series combines countless scalability topics in areas such as circuit and component design, software, operating systems, networking and mobile computing, cloud computing, computational grids, peer-to-peer systems, and high-performance computing.

Topics of proposals as they apply to scalability include, but are not limited to:

- Autonomic computing
- Big Data computing
- Data center computing
- Grid computing
- Cloud computing
- Green computing and energy aware computing
- Volunteer computing and Peer to Peer computing
- Multi-core and many-core computing
- Parallel, distributed and high performance simulation
- Workflow computing
- Unconventional computing paradigms
- Pervasive computing, mobile computing and sensor networking
- Service computing, Internet computing, Web based computing
- Data centric computing and data intensive computing
- Cluster computing
- Unconventional computation
- Scalable wireless communications
- Scalability in networking infrastructures
- Scalable databases
- Scalable cyber infrastructures and e-Science
- Smart City computing

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Scalable Computing and Communications
Series Ed.: Zomaya, A.Y.
ISSN: 2520-8632