~ Call for Proposals ~

Scalable Computing and Communication
Book Series

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

Proposal Form on Next Page
We welcome the opportunity to evaluate your book idea. The information you provide serves as a prospectus, which will be used for a market and peer review. Assuming your project reviews well, we can offer a publishing agreement and accept your book project into Springer’s prestigious book program.

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**Project overview**

*Authors/Editors* (include office address, phone and e-mail and a direct link to CV):

*Title of Book:

*Type of Book:* Is your book a textbook, handbook, research monograph, edited volume?

*Estimated number of pages:*

*Estimated manuscript completion date:*

Please attach a proposed *Table of Contents* and, if available, a *Sample Chapter*

Will there be *supplementary material* such as software, dedicated website, solutions manual, etc?

**Description of your book**

Describe the *contents, aims, and importance of your book*, using the following questions as a guide. Feel free to write as much as you like, but we will need at least one paragraph.

- What will the material cover? What is its purpose?
- Which new results, methods, or information are of particular interest?

List 3-5 *key features* of your book and their corresponding *benefits* to readers.

Provide a minimum of 10 *keywords* that might be used in a Web search for your book.

**Readership of your book**

*Primary audience.* Include *disciplines, technical level of audience, and features of the book that would appeal specifically to this audience*

*Secondary audience.* Include the same information as above:

To which *Professional Societies* would your readers belong?

Which *conferences* might your readers attend?

Is your book of interest primarily to *academics or professionals*, or both?

**Competitive titles**

Are there other books of similar content and level presently on the market? Please identify at least 3 and provide: *author, title, length, year, price, and publisher.* Why is your book more useful and valuable to readers?

**Classroom/Course use**

List below those courses in which your book may be used, if any: *course title, level, estimated enrollment, main text, supplemental reading.* For such a course what book(s) do you presently use as the core text?

**Referrals**

If there are *individuals whose comments* would benefit your book, list their names and contact information.

**Other remarks and suggestions?**