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Call for Proposals

Web-Scale Workflow and Analytics 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 and each proposal will be reviewed by the Series Editor with additional reviews from independent reviewers where appropriate.

Submit your proposal to

M. Brian Blake
m.brian.blake@miami.edu

OR

Courtney Clark, Springer
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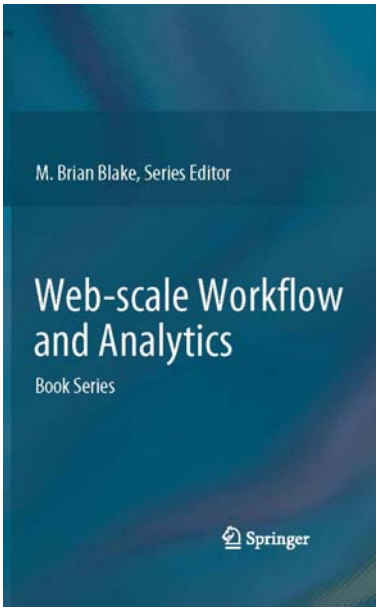

Series Editor:

M. Brian Blake, University of Miami, USA, m.brian.blake@miami.edu

Aims and Goals:

To promote research in workflow systems broadly when person-to-person, organization-to-organization, business-to-business, or mixed interactions of person-to-organization-to-business are all enhanced by Web-scale paradigms.

Specific Topics:

This series encourages proposals on cutting-edge technology and science in the following topics (but not limited to):

- Web-based software engineering, design, architecture, and programming
- Service-oriented architecture, service-oriented computing, web services, and innovative applications of software-as-a service
- Enterprise workflow management, collaboration, and programming
- Scientific workflow architectures, models, languages, systems, and algorithms
- Algorithms, models, processes, approaches, and web programming techniques for social networking and crowd-sourcing
- Approaches for monitoring, resource allocation, and performance optimization across commodity networks such as grid, utility, and cloud computing environments
- Approaches, models, and techniques for Big Data aggregation and analytics
- System integration for Internet-based business-to-business, peer-to-peer, and mixed systems
- Elastic computing and programming models for optimizing the use of human and software services together to solve web-scale challenges

Dr. M. Brian Blake - As a Professor at the University of Miami, Dr. Blake has appointments in the Department of Computer Science and concurrent appointments in the Department of Electrical and Computing Engineering and the Department of Human Genetics. Dr. Blake has authored or co-authored over 165 journal articles, books/book chapters, and refereed conference/workshop papers. He is most known for his contributions to the areas of adaptive, inter-organizational workflow for web-based services and applications. Dr. Blake has served on 4 National Academies' studies or committees and on the National Science Foundation's Advisory Committee for the Computer and Information Science and Engineering (CISE) Directorate. In 2015, he will be Editor-in-Chief of *IEEE Internet Computing* and currently Associate Editor *of IEEE Transactions on Service Computing*. Dr. Blake is an ACM Distinguished Scientist and a Sr. Member of the IEEE.

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Web-Scale Workflow and Analytics Book Series

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TITLE and AUTHOR/EDITOR INFORMATION

- **Proposed book title**:

- **Author/Editor Coordinates**:
  For each author/editor, include full name, affiliation, postal address, email, phone #. Attach or link a CV.

CONTENT and FORMAT

- Estimated **manuscript delivery date:**

- Estimated **number of pages** in manuscript:

- Estimated **number of figures/Illustrations** (black/white only):

- Will the manuscript be prepared in **Latex or Word**?

- **Product Category** (Choose one): Monograph ~ Contributed volume ~ Professional ~ Proceedings ~ Upper undergraduate/Graduate level textbook

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- Attach **sample chapter** or chapters if available

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