Distributed Systems and Technologies (IJDST)

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Editor(s)-in-Chief: Nik Bessis (University of Derby, UK)

The International Journal of Distributed Systems and Technologies (IJDST) focuses on integration techniques, methods, and tools employed in applied distributed computing systems, architectures, and technologies. IJDST pays particular attention to this dimension as a means of diversifying and broadening the applicability and scope of knowledge in the area of distributed systems and technologies. This journal is dedicated to push developmental boundaries and publish cutting-edge developments related to science-to-science, science-to-business, business-to-business, business-to-customer, and customer-to-customer interactions. Topics covered by IJDST include but are not limited to the heterogeneity and autonomy of Internet, Web, peer-to-peer, service oriented, grid, next generation grid, next generation technologies and other distributed systems paradigms and concepts; algorithms, software, application, services and technologies integration methods; process, resource, service and data virtualization, sharing, and integration; process, resource, service and resource flow management; scheduling; aspects of quality provision, policies; trust, identity management, forensics and security; application developments centered on the integration and management of various (e)-science-to-science, science-to-business, business-to-business, business-to-customer, and customer-to-customer models.

Topics Covered:

- Distributed concepts, systems, applications, technologies, and advanced paradigms for early warning systems, evacuation processes, climate changes, disaster management, and threat detection including geographical information systems and health informatics
- Distributed strategies and practices for e-society, global economies, developing countries, and education
- Distributed systems, system architecture and design, technologies and applications, and their integration methods and tools for performance analysis, verification, testing, and benchmarking and their empirical results
- Distributed technologies for science or business process, models, and application integration and management such as in operational research, economic models, and supply chain
- Distributed technology applications and system integration solutions in diverse collaborative environments including but not limited to science, engineering, management, and business
- Forensics, security, cryptography, threat detection, business continuity, trust, identity management, policies, and quality of service management
- Innovative developments in distributed computer, operating systems, databases, middleware, networking, and application
- Matching, mapping, and other novel techniques for the integration, management, and interoperability of distributed data, systems, technologies, services, architectures, applications, and legacy systems
- Representation techniques like semantics, meta-data, tagging, clouds, ontologies, and knowledge bases in distributed environments
- Theories and applications of distributed computing such as algorithms and services
- Theories, applications, and technologies
- Theory and use of distributed technologies for collaborative work, resource sharing, and problem solving
- Theory of distributed systems and technologies such as parallel or integration algorithms
- User and community led systems and application development, software engineering modeling, architecture, description, deployment, packaging, interfaces, and distribution

SUBMISSION INFORMATION

Prospective authors should note that only original and previously unpublished articles will be considered. INTERESTED AUTHORSMUST CONSULT THE JOURNAL’S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://www.igi-global.com/journals/guidelinesforsubmission.aspx PRIOR TO SUBMISSION. All article submissions will be forwarded to at least 3 members of the Editorial Review Board of the journal for double-blind, peer review. Final decision regarding acceptance/revision/rejection will be based on the reviews received from the reviewers. All submissions must be forwarded electronically.

All submissions and inquiries should be directed to the attention of:
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All manuscript submissions to UDST should be sent through the online submission system:
http://www.igi-global.com/authorseditors/titlesubmission/newproject.aspx

EDITOR-IN-CHIEF BIO

Nik Bessis is currently a Head of Distributed and Intelligent Systems (DISYS) research group, a full Professor and a Chair of Computer Science in the School of Computing and Mathematics at University of Derby (full-time), UK. He is also a part-time academic member in the Department of Computer Science and Technology at University of Bedfordshire (UK). He obtained a BA (1991) from the TEE of Athens, Greece, and completed his MA (1995) and PhD (2002) at De Montfort University (Leicester, UK). His research interest is the analysis, research, and delivery of user-led developments with regard to data integration, annotation, and data push methods and services in distributed dynamic environments. These have a particular focus on the study and use of next generation, web-centric, grid and cloud technologies methods for the benefit of various virtual organizational settings including disaster management. He is involved in (more than £2.3m) and leading a number of funded research and commercial projects (more than £0.7m) in these areas. Prof. Bessis has published over 150 papers, won 2 best paper awards and is the editor of several books and the Editor-in-Chief of the International Journal of Distributed Systems and Technologies (UDST). In addition, Prof. Bessis is a regular reviewer and has served several times as a keynote speaker, conferences/workshops/track chair, associate editor, session chair and scientific program committee member.