

International Journal of

Critical Computer-Based Systems

Editor-in-Chief:

Dr. Francesco Flammini

Visit www.inderscience.com/ijccbs
for more information and sample articles



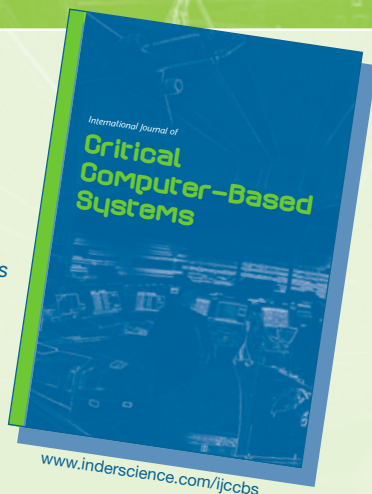
© 2016 Inderscience Enterprises Ltd



Scope of the Journal

ISSN: 1757-8779 (Print), ISSN: 1757-8787 (Online)

IJCCBS covers all topics related to the engineering of computer-based systems (CBS) employed in mission and safety-critical applications. CBS feature increasingly large, distributed and heterogeneous architectures, which complicate their design and analysis. CBS are not isolated computer systems: context awareness, environmental factors and interaction with systems of different natures have become important aspects. Furthermore, dependability, resiliency, trustworthiness, survivability and performability are some of the many essential and non-elementary properties which often need to be predicted and demonstrated for such systems.



Topics covered include:

- Computer dependability
- High-assurance systems engineering
- Verification and validation
- Model-based software testing
- Formal methods
- Software fault-tolerance/rejuvenation
- Multi-paradigm modelling
- Fault injection, measurement based analysis
- FMECA, risk assessment and hazard analysis
- Control network and SCADA security
- Operating systems/protocols for real-time distributed systems
- Dependable computer architectures/middleware
- Self-checking and reconfigurable hardware
- Business continuity management
- Human-machine interaction and human factors

Not sure if this title is the one for you?

Visit the journal homepage at www.inderscience.com/ijccbs where you can:

- View sample articles in full text HTML or PDF format
- Sign up for our free table of contents new issue alerts via e-mail or RSS
- View editorial board details
- Find out about how to submit your papers
- Find out about subscription options, in print, online or as part of a journals collection

You can order online at www.inderscienceonline.com or download an order form from www.inderscience.com/subform.

This title is part of the Computing and Mathematics Collection (see www.inderscience.com/cm). For library collection subscriptions or for a free institutional online trial, please contact subs@inderscience.com.