

Workshop Description:

Increasingly large and complex parallel, distributed and network-centric computing systems provide unique challenges to the researchers in dependable computing, especially because of the high failure rates intrinsic to these systems. The goal of this workshop in continuation of the FTPDS (Fault-Tolerant Parallel and Distributed Systems) workshop series is to provide a forum for researchers and practitioners to discuss all aspects of dependability including reliability, availability, safety and security for parallel, distributed and network-centric systems. All aspects of design, theory and realization are of interest.

Topics of interest include but are not limited to:

- Dependable parallel, distributed and network-centric systems
- High availability in parallel, distributed and network-centric computing systems
- Safety and security in distributed and network-centric computing systems
- Dependable high-speed wide, local, and system area networks
- Dependable mobile computing
- Dependable clusters of workstations and PCs
- Dependable internet servers
- Dependability in distributed embedded systems
- Using COTS for designing dependable network-centric computing systems
- Dependable protocols for distributed and network-centric systems
- Protocol verification and validation
- Practical experiences and prototypes
- Dependability evaluation of parallel, distributed and network-centric systems
- Dependable quantum computing
- Dependable organic computing
- Dependable biocomputing

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