



# IET Information Security

## Call for Papers Special Issue on Multi-Agent & Distributed Information Security

The future of the modern global economy depends upon a steady pace towards implementation of a successful information technology paradigm which requires construction of a dependable trust, security and privacy (TSP) environment. This, in conjunction with the ever growing potential of pervasive and ubiquitous computing, sparks persuasion of new dynamic secure techniques. One such move is adoption of intelligent multi-agent systems (MAS) to challenge the ever growing information security issues and promote new potential global applications such as e-commerce and e-health.

The aim of this Special Issue is to report on recent advances in the *security aspects* of intelligent, cooperative, integrated and multi-agent systems.

Topics of primary interest include, but are not limited to:

- Authentication layers, secure open architectures in ubiquitous distributed environment
- Modelling and prototyping trust, security and privacy
- Security in distributed multi-user systems
- Security interaction, mobile agents and protocols
- Intrusion detection agents and interaction techniques
- Vulnerabilities, malicious, lightweight and ultra-lightweight threats
- Cryptography and digital certificate in dynamic distributed security and access control infrastructure
- Multi-agents and cooperative security management
- Context-aware security, rules and specifications
- Parametric agents, identity- and role-based access control
- Security engineering performance and measurements
- Applications of security in e-health, medical sensors and other distributed systems

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