

Special Issue Call for Papers



Wireless Communications and Mobile Computing

Wiley Interscience

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Special Issue on

"Network Security and Digital Forensics in Next Generation Communications"

Next Generation Communications (NGC) represent advanced communication environments featuring objects that are focused on users. NGC has rapidly emerged as an exciting new paradigm that includes ubiquitous, grid, and P2P computing. It provides computing and communication services in a much more convenient and pleasurable way, any time and anywhere. That is, a user will be able to remotely access and control all information and appliances used in the workplace, as well as at home and office, utilizing in an easy and convenient way various services without any limitations on space and time.

In order to tackle the more sophisticated and powerful attack mechanisms that nowadays exist, it is crucial to build active and smart defense systems. Finding effective and efficient ways to protect information and digital forensics for NGC are very challenging research topics.

This special issue aims to address network security and digital forensics for NGC and to encourage researchers to publish their results in WCMC journal. It will accept both original research papers and review articles that enhance the state-of-the-art in NGC security issues, including topics like security and digital forensics theory, services, business models, and novel applications that are associated with NGC utilization. The papers will be peer reviewed and will be selected on the basis of their quality and relevance to the theme of this special issue.

Papers on practical as well as on theoretical topics and problems are invited. Topics include (but are not limited to):

- Secure network middleware and protocols for NGC
- Security Applications in Smart Space for NGC
- Secure Trust Model and Management for NGC
- Privacy, Trust and Security for NGC
- Multimedia Security and Services in NGC
- Authentication and Authorization in NGC
- Network forensics in NGC
- Network traffic analysis, traceback and attribution in NGC
- Digital Forensics Tools in NGC
- Digital Evidence Management in NGC
- Digital evidence visualization and communication for NGC
- Incident response and investigation in NGC
- Portable electronic device forensics for NGC
- Commercial and industrial security services for NGC

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Schedule:

Manuscript submission deadline: April 30, 2009

Notification of acceptance: July 30, 2009

Final Manuscript Due: August 30, 2009

Publication of special issue: 2010

Submission Procedure:

Papers should be submitted online via the journal's homepage at the URL below, under 'Online Submission'. Each submission must be clearly identified as a submission for this special issue by entering the title in the Special Issue Title field, when requested. All submitted papers should be anonymous with no author(s) names, affiliations, acknowledgements, nor obvious references. Authors are also requested to submit a separate cover letter, which contains the paper title, the authors' names, affiliations, up to five keywords, and a 200 word abstract.

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