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**Special Issue on**  
“Reliability and Optimization for Wireless Networking and Cloud Computing”

**The 28th IEEE International Conference on  
Advanced Information Networking and Applications (AINA-2014)**  
Victoria, Canada, May 13-16, 2014

<http://www.aina-conference.org/2014/>

### Scope

Networks of today are going through a rapid evolution and are giving a great influence to business, economy, society, and our life. For this reason, it is significant to discuss the intelligent tools, methodologies, and platforms for developing reliable and optimized systems and services. This special issue covers novel theories and designs of the intelligent, complex, reliable, optimized systems and services. Main Topics include but are not limited to:

- Reliable Cloud Computing
- Optimization techniques and methods
- Fault tolerant and dependable systems
- Energy-efficient systems
- Intelligent data management on cloud services
- Wireless network protocols
- Optimization, scheduling and resource allocation
- Efficient management of wireless sensor and ad-hoc networks
- Data replication and data availability
- Distributed database and data mining
- Security and privacy
- Trustworthy computing and services
- Intelligent tools for cloud computing.
- Grid, cluster, P2P and Internet computing
- Cloud computing
- Complex and heterogeneous systems

### Important Dates

- Submission deadline : 1st July, 2014
- First round review results: 31th August 2014
- Submission of revised papers: 15th October 2014
- Second round review results: 15th November 2014
- Selection of papers for publication: 30th November 2014

### Submission Guidelines

- **Only authors whose papers have been accepted and presented at The IEEE 28<sup>th</sup> International Conference on Advanced Information Networking and Applications (AINA-2014) (<http://www.aina-conference.org/2014/>), including both conference and workshop papers, can submit their extended and revised papers to this special issue.**
- **Each paper should not be longer than 20 pages.**
- Please submit your manuscript in PDF format to the Guest Editors of this Special Issue ([eno@ris.ac.jp](mailto:eno@ris.ac.jp), [makoto.takizawa@computer.org](mailto:makoto.takizawa@computer.org), and [barolli@fit.ac.jp](mailto:barolli@fit.ac.jp)) with the following information: the title of your paper, abstract of your paper, and the corresponding author's name, e-mail address, and affiliation. Please mention in the subject line of the email, “JCSS-SI\_AINA2014”. The authors should prepare their manuscript following the formatting guidelines that can be found at: [http://www.elsevier.com/wps/find/journaldescription.cws\\_home/622867/authorinstructions#20000](http://www.elsevier.com/wps/find/journaldescription.cws_home/622867/authorinstructions#20000)
- Each paper will be reviewed by expert reviewers working on the relevant areas. Each submission must be original, unpublished, and must not be under review elsewhere.

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