

# 27th IEEE International Conference on Advanced Information Networking and Applications IEEE AINA 2013

Barcelona, Spain

The 27th IEEE International Conference on Advanced Information Networking and Applications (AINA-2013)

Barcelona, Spain, March 25-28, 2013



Sponsored by IEEE Technical Committee on Distributed Processing (TCDP)

<http://www.aina-conference.org/2013/>

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## SCOPE

As one of the most important international conferences sponsored by the TCDP of the IEEE Computer Society, the International Conference on Advanced Information Networking and Applications (AINA-2013) will be held in Barcelona, Spain, March 25-28, 2013. The conference covers theory, design and application of computer networks and distributed computing and information systems. Aside from the regular presentations, the conference will include keynote addresses with speakers from both industry and academia. Prospective authors are invited to submit papers in any of the following areas (not limited to):

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|---|---|
| ❖ Communication Protocol and Architecture         | ❖ Biological Informatics and Computing              |
| ❖ High-speed Communication and Network            | ❖ E-Learning, E-Commerce, E-Society, etc.           |
| ❖ Wireless Communication and Network              | ❖ Grid, Cluster and Internet Computing              |
| ❖ Multimedia Communication and System             | ❖ Peer-to-Peer (P2P) System                         |
| ❖ Personal Communication System                   | ❖ Service-oriented Framework and Middleware         |
| ❖ Mobile Ad-hoc and Sensor Network                | ❖ Autonomic Computing and Communication             |
| ❖ Low-power Network and System                    | ❖ WWW, Semantic Web and Cyber World                 |
| ❖ Wearable Network and System                     | ❖ Mobile and Context-aware Computing                |
| ❖ Embedded System and Networking                  | ❖ Ubiquitous/Pervasive Networks and Computing       |
| ❖ Internet Technology and IP-based Applications   | ❖ Ubiquitous Intelligence and Smart World           |
| ❖ Network Control and Management                  | ❖ Smart Object, Space/Environment and System        |
| ❖ Network Performance, Analysis and Evaluation    | ❖ Innovative Networking and Applications            |
| ❖ Quality of Services (QoS)                       | ❖ Social, Ethical & Other Issues of Networked World |
| ❖ Multicast Routing and Technology                | ❖ Network and Application Hardware                  |
| ❖ Security, Privacy and Trust                     | ❖ Cognitive Network Access                          |
| ❖ Fault-tolerant and Dependable System            | ❖ Digital Eco Systems                               |
| ❖ Multi-agent System and Applications             |   |
| ❖ Parallel/Distributed Algorithm and Architecture |   |
| ❖ Distributed Database and Data Mining            |   |
| ❖ Distributed Graphics and VR/AR/MR System        |   |
| ❖ Distributed AI and Soft/Natural Computing       |   |

## WORKSHOPS

The following workshops will be held. Please submit papers to the AINA-2013 workshops.

- The Sixth International Workshop on Data Management for Wireless and Pervasive Communications (DMWPC-2013)
- The Second International Workshop on Networked Virtual Enterprises (NetVE 2013)
- The Eighth International Workshop on the Performance Analysis and Enhancement of Wireless Networks (PAEWN'13)
- The Second International Workshop on Renewable Computing Systems (WRcS-2013)
- The Sixth International Symposium on Mining and Web(MAW-13)
- The Fifth International Workshop on Disaster and Emergency Information Network Systems (IWDENS'2013)
- The Sixth International Workshop on Bio and Intelligent Computing (BICom 2013)
- The Ninth International Workshop on Heterogeneous Wireless Networks (HWISE 2013)
- The Sixth International Workshop on Telecommunication Networking, Applications and Systems (TeNAS2013)
- The Fourth International Workshop on Cloud Computing, Services and Interoperability (CCSI 2013)
- The Seventh International Symposium on Security and Multimodality in Pervasive Environment (SMPE-2013)
- The Second International Workshop on inter-Clouds and Collective Intelligence (ICCI-2013)
- The Ninth International Symposium on Frontiers of Information Systems and Network Applications (FINA 2013)
- The 1st International Workshop on Broadband Wireless Internet and Next Generation Networks Access (BWINA 2013)
- The 3rd International Workshop on Protocols and Applications with Multi-Homing Support (PAMS-2013)
- The First International Workshop on Collaborative Enterprise Systems (COLLABES-2013)
- International Workshop on Informatics for Intelligent Context-Aware Enterprise Systems (ICAES-2013)
- The International Workshop on Cloud Computing: Project and Initiatives (CCPI-2013)
- The International Workshop on Pervasive Internet of Things and Smart Cities (PITSaC-2013)
- The International Workshop on Engineering Object-Oriented Parallel Software (EOOPS-2013)
- International Workshop on Network Management and Monitoring (NetMM-2013)
- International Workshop on Social Media & Mobility in Enterprises (SMME-2013)
- International Workshop on Bioinformatics and Life Science Modeling and Computing (BLSMC 13)
- First International Workshop on Energy-Aware Systems, Communications and Security (EASyCoSe 2013)

## Special Issues

- + International Journal of Parallel Programming, Springer
- + Future Generation Computer Systems, Elsevier
- + Journal of Parallel and Distributed Computing, Elsevier
- + Journal of Supercomputing, Springer
- + IJ of Computational Science and Engineering - Inderscience
- + Mobile Information Systems, IOS Press
- + IJ Web and Grid Services - Inderscience
- + IJ Embedded Systems - Inderscience
- + International Journal of Data Warehousing and Mining, IGI Global
- + Human-centric Computing and Information Sciences (HCIS) - Springer
- + International Journal of Information Technology, Communications and Convergence (IJITCC) - InderScience
- + Journal of Convergence (JoC) - FTRA Publishing

## PAPER SUBMISSION GUIDELINE

Submit a full paper not more than eight pages (Proceedings Manuscript: two columns, single-spaced), including figures and references, using 10 font sizes, and number each page. You can find instructions to format the Proceedings Manuscript, at the following web page:

<http://www.computer.org/portal/web/cscps/submission>

Prepare your paper in PDF file (Adobe format), and submit it electronically to the AINA-2013 web page: <http://www.aina-conference.org/2013/>

## IMPORTANT DATES

- ◆ Submission Deadline: **October 4, 2012 (Extended)**
- ◆ Authors Notification: November 25, 2012
- ◆ Final Manuscript: December 28, 2012
- ◆ Author Registration: January 11, 2013
- ◆ Conference Dates: March 25 - 28, 2013

## AINA-2013 International Conference Organizers

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