

ComCompAp 2012

Computing, Communications and Applications Conference

January 11 - 13, 2012
HKUST, Hong Kong, China



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CALL FOR PAPERS

New Submission Deadline: October 4th, 2011

You are cordially invited to participate in and attend the **Computers, Communications and IT Applications Conference (ComComAp 2012)** to be held at The Hong Kong University of Science and Technology (HKUST), Hong Kong, China, **January 11-13, 2012**. The conference is to address, explore and exchange information on the state-of-the-art in all types of computing systems, Communications, and networking as well as IT/Engineering applications.

We are interested in visionary, experimental, systems-related and work in-progress papers on the current state of research in Computers, Communications/Networking and IT/Engineering Applications and related issues. Papers should describe original, previously unpublished work, not currently under review by another conference, workshop, or journal.

Topics include (but are not limited to):

• COMPUTING SYSTEMS and SOFTWARE

- Intelligent Computing Systems
- Interconnection Networks
- Computer Monitoring & Instrumentation
- Systems Security and Trust
- Operating Systems and Compilers
- Enterprise-based Technologies
- Scalable/Reconfigurable Computing
- Warehousing and Storage/ Data Mining and Searching
- Performance Evaluation/ Modeling and Simulation
- Embedded/Grid/Cluster/Multi-Core Architectures
- Markup Languages and their Applications
- Software Assurance/ Monitoring and Measurement

• COMMUNICATIONS/NETWORKING AND INTERNET TECHNOLOGIES

- Next Generation Internet
- Next Generation/ Broadband Networks
- Multimedia over Wireless
- Mesh Networks and Ad hoc Networks
- Vehicular Communication Technology
- Cooperative and Cognitive Networks
- Wireless Networks/Systems
- Heterogeneous Networks and QoS Management
- LANs/MANs/WANs/ WiMAX and LTE
- Wireless Sensor Networks
- Computer and Network Security
- Ubiquitous and Pervasive Computing

• **ENGINEERING/IT APPLICATIONS**

- E-Government/e-Sciences and e-Education
- Federated and Legacy Applications
- e-Commerce, e-Business, e-Learning
- Knowledge-based Systems
- Bioinformatics and Biocomputing
- Medical Applications and e-healthcare
- IT applications in Bioinformatics, Engineering , Environmental, Transportation, Agriculture, etc.
- Web Services and Web Computing
- Industrial and Manufacturing Applications
- Databases, Repositories and Their Applications
- Cooperative Information Systems and Applications
- IT in Digital Signal and Image Processing and Vision
- Public Safety Applications and Technologies

Submission of Papers:

Please submit an electronic copy of your original **Full manuscript** (not to exceed 6 double-column IEEE formatted pages, including figures, tables, and references) to: <http://edas.info/newPaper.php?c=10961>
Please clearly indicate the corresponding author. Include up to 6 keywords from the above list and an abstract of no more than 350 words. Papers must be submitted in PDF format only via the above portal at EDAS. For more information, visit the conference website: <http://ComComAp.net/2012>

If you have any questions about paper submissions or the program, please contact any of the listed Program Chairs

Important Dates:

Full Paper Submission Deadline	October 4, 2011
Notification of Acceptance	November 30, 2011
Registration & Camera-Ready Manuscripts Due	December 10, 2011

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Note: High quality papers will be invited to be submitted to one of 3 Journal Special Issues:

- 1) JoC, FTRA Publishing, <http://www.ftrai.org/joc>
- 2) IJITCC Journal, InderScience, <http://www.inderscience.com/ijitcc>
- 3) WCMC Journal, [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1530-8677](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1530-8677)
- 4) Peer-to-Peer Networking and Applications, Springer:
<http://www.springer.com/engineering/signals/journal/12083>

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