2017 6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO’ 2017) (Trends and Future Directions)

IEEE Conference Record Number 41188

September 20-22, 2017

Venue
Amity University Uttar Pradesh (AUUP), Noida, India

Organized by
Amity Institute of Information Technology (AIIT)

Technically Co-Sponsored by
IEEE UP Section (India)

In Association with
Computer Society of India (CSI)

Knowledge Partners

http://www.amity.edu/aiit/icrito2017
Objective

In this globally competitive environment scientific analysis of system under study is the key issues in attaining market leadership. This competitive advantage through quality process, product and services in the market place is possible through the development of knowledge bases and easy access to structured databases on systems, processes and technology based on quantitative study. Further due to ever emerging new trends of fashion and taste as well as technology, predicting future with certainty can be the daydream. This theme is most appropriate in the current context as well as in the future. The Conference will not only take stock of trends and developments at the globally competitive environment, but will also provide future directions to young researchers and practitioners. Besides, it will help in sharing of experience and exchange of ideas, which will foster National collaboration.

The Conference would be of immense benefit to Management, Researchers, Academicians, Industry and participants from Technical Institutes, R & D Organizations and students working in the field of IT.

Call for papers

Authors interested in presenting research papers of theoretical/applied nature or case studies are invited to submit their full-length paper latest by August 15, 2017 (extended date). The paper should include keywords/phrases, full address and e-mail id of corresponding author.

INFORMATION FOR SUBMISSION OF FULL PAPERS

Authors should prepare a pdf file version of their full paper of maximum 6 pages. Papers must be according to IEEE format. Accepted papers will be published in the Conference Proceedings provided at least one of the authors register and undertake to present the paper. Conference Kit will be provided only to the registered authors.

Conference Proceedings (with an ISBN) will be brought out with a reputed Publication House.

ACCEPTED AND PRESENTED PAPERS WILL BE SUBMITTED TO IEEE Xplore DIGITAL LIBRARY for publications. Last years Conference Proceedings were published in IEEE Xplore and is SCOPUS indexed. Earlier conferences in the series were held in 2010, 2013, 2014, 2015 and 2016.

Registration Fee

The registration fee includes Conference kit, lunches, tea/coffee and one conference dinner. The registration fee is to be paid by account payee demand draft in favor of "Amity University Uttar Pradesh" and payable at Noida, India. Conference Fee DOES NOT include Transportation and Accommodation charges.

<table>
<thead>
<tr>
<th>Category of Delegates</th>
<th>Registration Fee* (Before Aug 25, 2017)</th>
<th>IEEE/CSI/SREQOM Members will be entitled for 20% discount on their conference registration Fees, Foreign delegates accompanied by their spouses shall pay an additional amount of USD250 only in addition to their registration fee. The spouses will be entitled to all conference facilities except conference kit. For Indian delegates this amount is INR 5000. At least one author must register as delegate with full registration fee applicable as above for inclusion of paper in the proceedings. Single author with multiple papers has to register separately for each paper, USD 100 or INR2000 may be added to the registration fee as late fee for foreign or Indian delegates respectively, if it is paid after August 25, 2017 and before September 5, 2017. Individual letters of invitation, which can be useful for obtaining grants, will be sent on request.</th>
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<tr>
<td>Teachers/ Research Scholars</td>
<td>INR 8000</td>
<td>15% Discount on Institutional Participation of 5 or more participants from one institution</td>
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<td>Industry</td>
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<td>Foreign</td>
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<td>Student</td>
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<td>Student (Foreign)</td>
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<td>Poster Presentation (Foreign)</td>
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<td>Poster Presentation</td>
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Accommodation

The booking of accommodation for students in Hostel will be done on first-come first serve basis and subject to availability. The accommodation will be arranged in the nearby Hostels/Guest Houses/Hotels as per the availability and requirements. Group Pick up and Drop facility will be available from/to such places to/from the venue. If delegates have specific requirements, the same can be arranged on prior request.
**Conference Topics**

The topics of the Conference would include but not restricted to:

### Quality and Reliability
- Quality Assurance
- Reliable and secure communications
- Software Reliability and Testing
- Infocom Systems Reliability
- Power Systems Reliability
- Reliability and Maintenance Models
- Fault Tolerance in Hardware and Software systems

### Mathematical Modeling and Optimization
- Soft computing
- Financial Optimization
- Inventory management
- Fuzzy systems
- Knowledge Management
- Supply chain management
- Stochastic Petrinets

### Infocom Technology (IT)
- Free and Open source software
- Natural language processing
- Cloud computing
- Computer Architecture and Embedded Systems
- Artificial Intelligence and Experts Systems
- Data Mining and Data warehousing
- Network Technologies
- Convergence Technologies
- Human-Computer Interface
- Information and Network Security
- Mobile Computing
- Software Engineering
- Advances on Computing Mechanisms
- Software and Web Engineering
- ICT Act and Cyber Laws
- Rural Applications of IT
- E-Governance

### Safety and Risk Analysis
- Risk Analysis
- Infrastructure Systems Safety and Risk
- Probabilistic Fracture Mechanism and Fatigue Analysis
- Probabilistic Safety Assessment
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