



# 2017 International Conference on Infocom Technologies and Unmanned Systems (ICTUS'2017)

(Trends and Future Directions)

December 18-20, 2017

# **IEEE Conference Record Number 42058**

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#### Venue

Amity University Dubai Campus Dubai International Academic City, Dubai

# Organized by

Amity Directorate of Engineering & Technology (ADET)

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http://www.amity.edu/aiit/ictus2017

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# **Objective**

ICTUS'2017 aims to explore growing advancements in the fields of Information Communication and Unmanned Systems Technologies. It will provide a common platform to leading scientists, academicians, researchers, government officials, practicing engineers, industry professionals and students to share their research experiences and views. Participants are invited to submit their research papers and case studies in the field of Information Technologies, Telecommunication, Networking Technologies, Unmanned Systems and Aerospace Technology.

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.

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 September 10, 2017 (extended date). The paper should include keywords/phrases, full address and email id of corresponding author.

Authors should prepare a word 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.

### **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.

Category of Delegates	Registration Fee* (USD)			
	(Before Oct 15, 2017)		(Upto Nov 1, 2017)	
	IEEE/CSI/	Others	IEEE/CSI/	Others
	SREQOM		SREQOM	
	MEMBERS		MEMBERS	
Author	240	300	340	400
Student Author	160	200	260	300
Poster Presentation	100	125	200	225
Attendee	100	125	200	225

### Accommodation

The booking of accommodation in Guest House/Hostel will be done on first-come first serve basis and subject to availability. The accommodation will be arranged in the nearby 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:

## **Information Technologies**

- Free and Open Source Software
- Natural Language Processing
- Cloud computing
- Artificial Intelligence and Experts Systems
- Data Mining and Data Warehousing
- Convergence Technologies
- Human-Computer Interface
- Mobile Computing
- Advances on Computing Mechanisms
- Software and Web Engineering

# **Telecom & Networking Technologies**

- Cellular Communication
- Broad-Band Technologies
- Wireless Sensor Networks
- Satellite & Radio Networks
- Mobile Ad-hoc Networks
- Optical Networks & Components
- Microwave Communication
- Antenna Design
- Latest Trends in Telecom
- Information and Network Security
- Spectrum Management

#### **Aerospace & Avionics**

- Aerodynamics and Flow Analysis
- Aircraft Structure and Analysis
- Advanced Composite and Novel Materials
- Flight Vehicle Propulsion
- Flight and Space Mechanics
- ΙΙΔΥ/ΜΔΥ
- Flight Safety, Reliability & Airworthiness

### **Quality, Reliability and Risk Analysis**

- Risk Analysis
- Probabilistic Safety Assessment
- Quality Assurance
- Software Reliability and Testing
- Systems Reliability
- Reliability and Maintenance Models
- Fault Tolerance in Hardware and Software systems

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