AMITY SCHOOL OF
ENGINEERING AND TECHNOLOGY

IN ASSOCIATION WITH

EMC² EMC CORPORATION

PRESENTS

26th -27th September, 2013

The 4th International Conference

CONFLUENCE 2013

THE NEXT GENERATION INFORMATON TECHNOLOGY SUMMIT

Mega Trends of IT:
- Social
  - Mobile
    - Analytics
      - Cloud

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CONFLUENCE 2013
THE NEXT GENERATION INFORMATON TECHNOLOGY SUMMIT

INTRODUCTION

The pace of change has become blisteringly fast. There is technology in everything and everywhere. Every now and then a new technology pops up in the market. Computer Science and Information Technology have a profound influence on all the branches of science, engineering & management as well. Recent technological advances in computing, software and hardware and our dependence on various digital infrastructures have increased the need to reconsider various issues.

Confluence 2013-"The Next Generation Information Technology Summit" is the 4th International Conference focusing on Mega Trends of IT – Social, Mobile, Analytics and Cloud. It is a two day event jointly hosted by Amity School of Engineering & Technology and EMC Corporation. The event is dedicated to technical symposia, tutorial and workshop sessions. Technical symposia include oral and poster presentation of research papers grouped into parallel tracks. Workshops, tutorials, Keynote talks by experts and panel discussions are also included in the programschedule of the conference.

Confluence 2013 will be held at Amity University Uttar Pradesh, Noida Campus on 26th - 27th September, 2013.

OBJECTIVES

The idea of the conference is to bring the scholars, scientists, industrialists from all over the world in the IT industry to a common platform and achieve the following:

- Compliance designed to empower information technology professionals and students in order to make them understand smart technological trends.
- To offers a strong combination of educational content, a dynamic exhibition of technology providers, and peer networking to IT professionals, so that they can investigate and discover transformative technologies and ideas to put to work across their own domains.
- To get familiar with new challenges, trends and opportunities emerging in Business Intelligence and analytics.
- To identify organization's adaptability and capability to harness new solutions.

Amity University invites you to "CONFLUENCE 2013– The Next Generation Information Technology Summit" which focuses on Mega Trends of IT (S. M. A. C.): Social, Mobile, Analytics & Cloud.

Social. Mobile. Analytics. Cloud.

CALL FOR PAPERS

Instruction for Authors:

•Original papers based on theoretical or experimental work related to the below mentioned sub themes are solicited for presentation in the conference. Simultaneous submissions (papers already submitted to other conferences/journals) are not allowed.

•All papers must follow strict formatting instructions available at :http://amity.edu/asetau/confluence2013

•Please do not submit plagiarized papers.

•The total length of the paper must not exceed six A4 size pages including bibliography and appendices. Paper must be submit in .PDF format.

•All the papers will be submitted through on-line paper submission process (Easy chair submission system). Authors are requested to follow paper submission link on website

(www.easychair.org/account/signin.cgi?conf=confluence2013)

COVERAGE

Authors are invited to submit original technical papers in any of the following topics but not limited to:

•Ad hoc and Sensor Networks
•Advance Methods for Data Acquisition
• Algorithms & Techniques
•Artificial Intelligence and Soft Computing
•Autonomic Computing
•Big Data
•Biomedical Engineering and Bioinformatics
•Broadband Communication
•CDMA, TDMA and FDMA air interface
•Circuit Modeling and Scientific Computing
•Cloud Computing, Cloud Security, Privacy and Compliance Challenges
• Communications and Control
• Component based Development
• Computer Architecture and Real Time Systems
•Computer Systems and Networks
•Control Engineering
•Data Communications, Networking and Interconnection Technologies
•Data Optimization
•Distributed & Parallel Systems
•Distributed Architectures and Mechanisms
•E-Learning, E-Commerce, E-Society, E-Business and E-Government
•Electronics Devices / Systems

•Embedded Systems
•Emerging Trends in Information Systems
•Evolutionary Algorithm
•Experiences with Existing Cloud Infrastructure, Services and Uses
•Fuzzy Logic and Circuit Designs
•Game Theory and Wireless Networks
•Geographic Information Systems
•Green Computing
•Green ICT and Clouds – theory, practice and experiences
•Grid and Cluster Computing
•Health Informatics
•Human Computer Interaction
•Image Processing
•Information and Knowledge Management
•Information Systems & Applications
•Internet and Web Technologies
•Knowledge Discovery and Data Mining
•Mobile and Ubiquitous Computing
•Mobile Computing
•Modeling and Simulation
• Multimedia Applications
•Natural Language Processing
•Network Security & Cryptography
•Numerical Analysis and Circuits
•Operating Systems
•Optical / Quantum Computing

• Pattern Recognition
•Peer-to-Peer (P2P) Systems
•Pervasive Computing
•Real-Time Analysis
•Reliability Engineering and Fault Tolerance
•Remote Sensing & GIS
•Satellite and Space Communications
•Scientific Computing
•Semantic Web
•Service-Oriented Architecture
•Signal Processing
•Software Architecture for scientific computing
•Software Engineering and Testing
•Software Security & Risk Management
•Virtual and Overlay Networks
•VLSI / Embedded Systems and CAD/CAM
•Voice and Video Communications Systems
•Web and Internet Computing
•Web Engineering
•Web Mining
•Wi-MaX
•Wireless Communication
•Wireless Sensor Networks

SPECIAL FEATURES

The presented and registered FULL/SHORT Papers will be published in the **IET Digital library** and **IEEE Xplore.**

Best Paper Award: The award for best research paper will be given in the concluding award ceremony of 4th International Conference Confluence 2013 - The Next Generation Information Technology Summit.

WHO SHOULD ATTEND?

Industry Professionals, Academicians, Students, Research Scientists & Scholars and Consultants may attend the Summit.

ACCOMODATION

Accommodation can be arranged in the Amity Guest House/ nearby as per the availability, on payment basis for which the organizers shall provide necessary assistance, if informed well in advance on first-come-first serve basis.

REGISTRATION

Registration amount includes registration kit, high tea and lunch for both days. Traveling and stay during the conference is not included in the registration fee. Registration fee is non-refundable. Registration fee can be paid online or by draft in favour of "Amity University Uttar Pradesh" payable at Noida.

Category	National		International	
	IEEE/IETE /IET/CSI/ACM Members	Non Members	IEEE/IETE /IET/CSI/ACM Members	Non Members
Students/Research Scholar Delegates	Rs. 1500	Rs. 2000	100 USD	150 USD
Delegates from Academia	Rs. 2000	Rs. 2500	150 USD	200 USD
Industry Delegates	Rs.2500	Rs.3000	200 USD	250 USD
Authors	Rs. 5000	Rs. 6000	300 USD	400 USD

IMPORTANT DATES

- Paper Submission deadline: 15th June 2013
- Notification of Acceptance : 30th June 2013
- Camera ready
  Paper Submission Deadline : 20th July 2013
- Last Date of Registration   : 20th July 2013

AWARDS & RECOGNITION

1. Best Paper Award = 20,000 INR / 500 USD

2. Best Poster Award = 10,000 INR / 250 USD

3. Best Doctorate Award = 50,000 INR / 1000 USD

4. Industry Awards to the trend setter companies in respective domain by leveraging Information Technology.

IMPORTANT

COPYRIGHT FORM : In order to publish paper in the conference proceeding, the authors are required to submit a signed copyright form for each accepted paper during registration.

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AMITY UNIVERSITY
—— UTTAR PRADESH ——

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY

India's No.1 ranked pvt. University

Amity University Uttar Pradesh, Noida, India is a leading education provider in India with 29 campuses across India and offers 240 programmes. It has more than 4,000 faculty and 95,000 students studying in various disciplines from undergraduate to Post-Doctoral levels. Its campuses are spread across National and International locations with campuses in London, New York, Singapore, San Francisco, Dubai, Romania, Taiwan and Mauritius

Amity University has to its credit prestigious National and International recognitions and accreditations which are the testimony of Amity's adherence to global standards. It has received the ACBSP (USA), a global business accreditation for management degrees. Amity University Uttar Pradesh, Noida which became the first Indian University to become the IET's Academic Partner and to receive the prestigious IET UK Accreditation for its B.Tech programmes, is accredited with Grade 'A' by National Assessment and Accreditation Council (NAAC) India.

The Amity School of Engineering and Technology has been ranked #4 in north India by Times of India (Education Times)

THE ENGINEERING SCHOOLS IN THE TOP 5 ARE :-
1. IIT, Kanpur
2. IIT, Delhi
3. IIT, Roorkee
4. AMITY
5. NSIT, Delhi

Amity has provided 5,000 on campus placements this year 2012 and over 47,000 placements over the years. Distinguished academicians of Amity comprise of leading professionals from corporate world, researchers, and scientists who have filed over 400 patents, authored over 250 books and published 3,000 Papers

Amity has Research Collaboration and Partnership with 80 Global Universities. Because of the extensive research focus, Amity has also been recognized as "Scientific and Industrial Research Organization" by the Ministry of Science and Technology, Government of India.

Amity School of Engineering and Technology (ASET), one of the pioneer institutions in the field of Engineering, Research and Technology, organizing its 4th International Conference- Confluence 2013 - The Next Generation Information Technology Summit on the theme S. M. A. C. (Social, Mobile, Analytics, and Cloud). Confluence 2013 intends to bring together professionals, academicians, industry experts, researchers and enthusiasts to discuss various emerging trends and innovations, share research results and new directions in the field of next generation technologies. This technical conference aims at providing a platform for industry and academia for sharing advancements in research and development in upcoming areas of Information Technology.