



# AMITY UNIVERSITY

— UTTAR PRADESH —

## Amity School of Engineering & Technology

**Subject: Call for papers**  
**The 4<sup>th</sup> International Conference**  
**‘Confluence 2013’**  
**The Next Generation Information Technology Summit’**  
**(26<sup>th</sup> -27<sup>th</sup> September, 2013)**

**Theme: Mega Trend of IT: Social, Mobile, Analytics, Cloud**

Dear Sir/Madam,

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.

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 4<sup>th</sup> 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.

**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

**Instruction for Authors:**

- Original papers based on theoretical or experimental works related to the above mentioned sub themes are solicited for presentation in the conference. The paper should begin with title, short abstract and a list of keywords. Simultaneous submissions (papers already submitted to other conferences/journals) are not allowed.
- **All papers must follow strict formatting instructions given at Confluence Website**
- 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 in .PDF
- **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**

**The registered and presented papers (short/full) will be published in the IET Digital Library and IEEE Xplore.**

**Copy right 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.

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

**Important dates:**

Paper Submission deadline	: 15 <sup>th</sup> June, 2013
Notification of Acceptance	: 25 <sup>th</sup> July 2013
Camera ready Paper Submission Deadline	: 25 <sup>th</sup> July 2013
Last Date of Registration	: 30 <sup>th</sup> July 2013

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.

For more details please visit Confluence 2013 website at <http://www.amity.edu/asetau/confluence2013/>

**Thanks & Regards,****Prof. (Dr.) Abhay Bansal****B.E (Computer Science), M.E (IT), MBA, Ph. D****SMIEEE (U.S.A), MCP, SMCSI, LMISTE, MIE (I), MIAENG, CEng, SMIACSIT, MACM, FIETE, FIET (UK)****General Chair, Confluence 2013****Head, Department of Computer Science & Engineering****Amity School of Engineering & Technology****AMITY UNIVERSITY UP****Noida - 201313****Email: abhaybansal@hotmail.com; abansal1@amity.edu****Tel.:+91(0)-120-4392487 Fax:+91(0)-120-4392320**