

# Conference on Algorithms and Applications (ALAP 2018) Kolkata, India, 10-12 January, 2018



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Organized by

Dept. of Computer Science & Engineering,

**B. P. Poddar Institute of Management & Technology, Kolkata, India**

This conference is intended to bring together researchers working on various areas of computing like Distributed Systems and Security, Big data and Analytics and VLSI Design. Many eminent speakers both from academia and industry will enlighten the audience from various perspectives, and thereby provide an overview of the state of the art in the field. The proceedings of the conference will consist of invited talks by eminent speakers, paper presentation sessions, and tutorials. The dominant goal of the conference is the exchange of ideas, results, work-in-progress and experience on algorithmic aspects of Computational Science and Engineering.

## Topics include but not limited to

### Distributed System and Security

- Parallel, distributed architectures and algorithms
- Wireless networks and protocols
- Cyber security
- Network security policies
- Security and privacy for E-Commerce
- Security and privacy in social networks
- Cloud computing and security
- Security in IoT and emerging technologies
- Block Chain Technology

### VLSI and Embedded Systems

- Analog and digital system design
- Formal verification technique
- VLSI testing
- Embedded systems and applications
- FPGA based system design
- VLSI CAD algorithm
- Robotics and its application
- Emerging technologies

### Big Data and Analytics

- Big data analytics
- Web and text mining
- Data mining methods, techniques, and tools
- Data analytics modelling and algorithms
- Patterns and frameworks
- Data visualization

## Technical Program Committee

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Tapas Chakravarty, TCS Innovation and Research, Kolkata, India  
V. Kamakoti, IIT Madras, India

## Further Information about the conference:

Email: [alap.conf@gmail.com](mailto:alap.conf@gmail.com)  
Phone: 9830302181

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### Track 2: VLSI and Embedded Systems

Kolin Paul,  
IIT Delhi, India  
Kamalika Datta,  
NIT Meghalaya, India

### Track 3: Big Data and Analytics

Arijit Mukherjee,  
TCS Research, India

## IMPORTANT DATES:

Abstract submission:  
August 5, 2017

Full paper due  
August 15, 2017

Notification to authors  
October 15, 2017

Camera ready & registration  
November 7, 2017

The proceedings of the conference will be published in **Lecture Notes on Smart Innovation, Systems and Technologies (LNSIST), Springer.**

## PAPER SUBMISSION SYSTEM



<https://easychair.org/conferences/?conf=alap2018>. Submissions must be original and must be maximum of 16 pages and in Springer format.