

# ICICT 2017 Call for Papers

30 – 31 December 2017, Karachi Pakistan

We are happy to invite you to submit your research in the areas of information and communication technologies, especially if it relates to ‘ICT in everyday life’. The accepted papers will be presented at the conference and published in ICICT 2017 proceedings, archived and indexed in IEEE Xplore. We encourage you to submit your paper to one of the following tracks:

## ALGORITHMS

1. Algorithm engineering
2. Algorithmic aspects of networks
3. Algorithmic game theory
4. Approximation algorithms
5. Combinatorial optimization
6. Distributed and parallel computing
7. Heuristics and meta-heuristics
8. Randomized Algorithm
9. Streaming algorithms

## ARTIFICIAL INTELLIGENCE

10. Automated Planning and Scheduling
11. Cognitive Robotics
12. Computational Intelligence
13. Computer Vision
14. Data Analytics
15. Data Sciences
16. Evolutionary Computation
17. Image Analysis and Pattern Recognition
18. Intelligent Agents
19. Knowledge Engineering and Representation
20. Machine Learning
21. Natural Language Processing
22. Semantic Web
23. Uncertain Reasoning

## COMPUTATIONAL SCIENCE AND ENGINEERING

24. Scientific Computing
25. Symbolic Computing
26. Computational Finance
27. Computational Biology

## INFORMATION RETRIEVAL

28. Analytics
29. Document Representation and Content Analysis

30. Multimedia IR
31. Queries and Query Analysis
32. Retrieval Models and Ranking
33. Search Engine Architectures and Scalability
34. Web IR and Social Media Search

#### INFORMATION SYSTEMS

35. Cloud Computing
36. CS/ICT/IS Curriculum and Education
37. Data Governance & Quality Management
38. Enterprise Resource Systems and Change
39. Information and Organization
40. IS Security and Privacy
41. Knowledge Management and Business Intelligence
42. Social Media and Digital Collaborations
43. Ubiquitous and Mobile Information Systems

#### BIG DATA

44. Big Data Analytics
45. Apache Hadoop and Ecosystem (HBase, Hive, Spark, Ambari, Hue, Zookeeper, Drill, Mahout etc.)
46. NoSQL Databases
47. NewSQL Databases
48. IoT Concepts and Applications

#### ICT & SOCIETY

49. E-Government
50. E-learning
51. Gender and Technology
52. ICT for crime/corruption prevention
53. ICT for Public Sector
54. Online Collaboration
55. Personal Learning Environments
56. Poverty Alleviation using ICT
57. Reforming Education through ICT
58. Social Computing

#### NETWORKS

59. Machine-to-Machine Communications
60. Network Security
61. Quality and Reliability of Hardware Systems
62. Storage Area Networks
63. Telecommunications & Telecoms Regulations
64. Wireless Sensor Networks
65. Cloud Computing

Research-in-progress submissions are also encouraged. All papers should be submitted via <https://easychair.org/conferences/?conf=icict20171>

ATTENTION: Kindly note that unless you present the paper yourself at the conference, it may be withheld from the conference proceedings.

## **Important Dates**

Deadline for paper submission 30 July 2017

Initial decision notifications to authors 29 August 2017

Deadline for camera-ready paper submission 13 September 2017

Final notifications of acceptance 08 October 2017

Conference dates 30- 31 December 2017

## **About IBA and FCS**

Institute of Business Administration (IBA) is the oldest graduate business school outside North America. It was established in 1955 in collaboration with the Wharton School of Finance and Commerce, University of Pennsylvania. The Faculty of Computer Science (FCS) in IBA was established in 1983 with the collaboration of IBM.

IBA FCS endeavors to promote and uplift academic and organizational research activities in the discipline of computer science and information's systems. Our aim is to provide a quality platform for acquiring, sharing, and disseminating results of completed and ongoing indigenous research activities. We hope to cultivate a strong tradition of applying state of the art research to the local contexts and solving local problems that can serve as global examples. In order to achieve this, we encourage and espouse collaborations with leading researchers around the world and keep exchange and growth of ideas in the prime focus.

ICICT is a biannual event and is in its second decade of disseminating quality research in the disciplines of information and communication technologies. Papers are invited each time in the areas of artificial intelligence, robotics, social computing, wireless sensor networks, e-learning, computational science and other emerging topics. This year's conference theme is 'ICT in everyday life'. You are invited to share your research and enjoy traditional Pakistani hospitality at ICICT 2017, Karachi.

