

CALL FOR PAPERS

Important Dates

- **Submission Deadline:**
28 February 2019
- **Acceptance Notification:**
30 April 2019
- **Submission of Final Paper:**
15 May 2019
- **Early Bird Registration:**
15 June 2019
- **Normal Registration:**
16 July 2019
- **Late Registration:**
15 August 2019

The University of Mauritius is pleased to invite submissions from academia, government, and industry for the upcoming **Second International Conference on Next Generation Computing Applications (NextComp2019)** to be held on 19 - 21 September 2019 in the tropical island of Mauritius. Topics of interest include, but are not limited to, latest advancement in computing technologies including case studies and implementation experiences and new developments both in theory and in practice in *Communication and Computer Networks, Security and Forensics, Intelligent Systems, Data Analytics, Information Management, Bioinformatics and ICT Practices & Applications*. The technical program will consist of keynote address and papers presented in regular technical sessions.

Paper length should be limited to 6 pages (including figures and references) and additional charges will be applied for papers extending up to 8 pages. Articles will be peer reviewed to decide on their suitability for publication in the conference. Authors will be notified by email of the outcome of the review by email. Only papers, which are presented in the conference will be submitted for inclusion in IEEE Xplore ([IEEE conference #46423](#)).

Authors are encouraged to submit papers in one or more of the following tracks:

Track 1 - Intelligent Systems and Applications

- Machine Learning, Knowledge Discovery in Databases and Data Mining
- Knowledge Engineering
- Decision Support Systems & Expert Systems
- Ontology Engineering
- Big Data Analytics
- Computer Vision and Image Processing
- Computational Biology & Bioinformatics
- Multi-Agent Systems
- Embedded Systems and Wearable Electronics
- Smart Environments: Technology and Applications
- Internet of Things (IoT)
- Crowd sensing and Crowdsourcing Applications
- Computational Intelligence
- Evolutionary computing
- Natural Computing

Track 2 - ICT4D

- e-Education and Learning
- ICT in Health Care
- Social Impacts of ICT
- ICT for Sustainable Development
- e-Governance
- e-Finance
- Accessibility
- Smart Agriculture
- Technology Acceptance
- Disaster Prevention and Management
- ICT4D in Developing Countries
- Usability and User Experience
- Digital Literacy

Track 3 - Security and Communication Technologies

- Watermarking, Cryptanalysis and security solutions
- Web applications security
- Security for IoT
- Blockchain to secure Internet of Things and stalker attack
- Steganography and steganalysis
- Network and Cloud forensics
- Digital Forensic Trends (Big data forensics, CCTV forensics)
- Communication Protocols and Architectures
- Sensor Networks and Embedded Systems
- Future Internet and Next-Generation Networking Architecture
- High Performance Networks and Protocols
- Software Defined Networks
- Network Control and Management
- Mobile and Wireless Networks
- Network Algorithms and Performance Evaluation