



UNIVERSITY OF
MAURITIUS

NEXTCOMP

NEXT GENERATION COMPUTING
APPLICATIONS 2022



Call For Papers – NEXTCOMP 2022

3rd International Conference on Next Generation Computing Applications

6-8 October 2022, Mauritius

www.nextcomp.org

Following on the success of the first and second editions of NEXTCOMP in 2017 and 2019 respectively, the University of Mauritius is organizing its third International Conference on Next Generation Computing Applications, NextComp2022. We invite submissions from academia, government, and industry presenting novel research on state of the art computing technologies, as well as case studies and implementation experiences. The conference will address new developments in theory and practice in the area of Communication and Computer Networks, Security and Forensics, Intelligent Systems, Data Analytics, Information Management and Enterprise Systems, Bioinformatics and Healthcare Information Systems and ICT Practices & Applications. The technical program will consist of keynote address and papers presented in regular technical sessions.

Articles will go through a review process by other experts in the field to decide their suitability for publication in the conference. Acceptance of papers will be communicated to authors by email. Papers accepted by the NextComp2022's Technical Committee will be included in the Conference Proceedings and submitted to IEEE Xplore for inclusion in the IEEE Xplore Digital Library.

Research Tracks

There are three main tracks containing several themes (*and are not limited to*) in which authors can submit their papers.

- Track 1: Intelligent Systems and Applications
Themes: *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*
- Track 2: ICT4D
Themes: *ICT for Sustainable Development, e-Education and Learning, ICT in Health Care, e-Governance, e-Finance, Smart Agriculture, Technology Acceptance and Adoption, Use of ICT in Smart Cities, Disaster Prevention and Management*
- Track 3: Security and Communication Technologies
Themes: *Cryptography and Cryptanalysis, Security for IoT Systems, Blockchain for Security and Privacy, Mobile and Wireless Networks, Sensor Networks and Embedded Systems, Network Control and Management, Software Defined Networking*

Paper Submission

Prospective authors are invited to submit high-quality manuscripts presenting original results in the respective tracks. The normal allowable length of the paper is 6 pages (including figures and references) for regular research articles, and may be extended to 8 pages with additional charges. For detailed information on publication and submission guidelines, please visit our website : www.nextcomp.org

Important Dates

- Deadline for Regular Submission – Round 1 **30 April 2022**
- Deadline for Regular Submission – Round 2 **31 May 2022**
- Acceptance/Rejection Notification **15 June 2022**
- Final manuscript submission deadline **1 July 2022**
- Normal Registration **1 July 2022**
- Late Registration **15 August 2022**