Call For Papers – NEXTCOMP 2024

4th International Conference on Next Generation Computing Applications

24-26 October 2024, Mauritius

www.nextcomp.org

Following on the success of the previous three editions of NEXTCOMP, the University of Mauritius is organizing its fourth International Conference on Next Generation Computing Applications, NextComp2024. 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 a range of themes as per the four(4) tracks. The technical program will consist of keynote addresses and papers presented in regular technical sessions.

All conference papers undergo a thorough peer review process prior to the final decision and publication. This process is facilitated by experts in the Technical Program Committee. Acceptance of papers will be communicated to authors by email. Papers accepted by the NextComp2024's Technical Committee will be included in the Conference Proceedings and submitted to IEEE Xplore for inclusion in the IEEE Xplore Digital Library (Pending Approval).

Research Tracks

There are four (4) main tracks containing several themes (*and are not limited to*) in which authors can submit their papers.

- **Track 1: Intelligent Systems and Applications**
  Themes: Artificial Intelligence, Machine Learning and Deep Learning, Knowledge Discovery in Databases and Data Mining, Knowledge Engineering, Intelligent Systems, Enterprise systems, Ontology Engineering, Big Data Management and Analytics, Computer Vision and Image Processing, Quantum Computing.

- **Track 2: ICT4D**
  Themes: ICT for Sustainable Development, e-Education and Learning, ICT in Health Care, e-Governance, 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, Emerging Networks, Network Virtualization, Cloud Technologies.

- **Track 4: Fintech**

  Themes: Digital Transformation in the Banking Sector, Mobile Banking and Digital Payment Systems, Blockchain Technology in Financial Services, Cryptocurrencies and their Applications, Financial Management Tools, Digital Wallets and Payment Solutions, Open Banking Systems and Technologies, Smart Contract Development and Applications, Personal Finance Management Applications.

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

- Submission Deadline — ~~15 April 2024~~ **15 May 2024**
- Notification — ~~30 May 2024~~ **15 June 2024**
- Submission Deadline for Final Version — **30 June 2024**
- Normal Registration — **30 June 2024**
- Late Registration — **30 August 2024**