14th Conference on Research in Computer Science and its Applications

Call For Papers CNRIA 2024
May 02 – 04, 2024
Université Cheikh Anta Diop, Senegal

Scope

The Conference on Research in Computer Science and its Applications (CNRIA) is an international scientific conference that highlights new trends and advances in current topics in the field of computing and their applications for development. CNRIA is co-organized by the Senegalese Association of Researchers in Computer Science (ASCII) and the University Cheikh Anta Diop of Dakar (UCAD).

The main purpose of the CNRIA 2024 conference is to serve as a forum for researchers from academia, ICT industry and development actors to discuss recent advances and cutting-edge topics in the field of computer science and its applications. This conference also serves as a forum for exchanging ideas, proposing solutions, discussing research challenges and sharing experiences between researchers, professionals and development actors. CNRIA 2024 aims at promoting the popularization of the contributions of the regional scientific community in new cutting-edge research topics such as AI, IoT, BigData, Cloud Computing, Security, SDN, etc.

This 14th edition of CNRIA will be held on May 02 to 04, 2024 at the Université Cheikh Anta Diop, Dakar, Senegal.

Publication and indexation

The submitted papers in English and accepted will be published in the series *Lecture Notes of the Institute for Computer Sciences* together with the InterSol 2024 conference papers. These papers will be submitted for indexation by SpringerLink, ISI, ISI Web of Science, EI Engineering, ACM Digital Library, MathSciNet, Scopus, Zentralblatt.

Topics

Submitted papers should be related to one or more of the following topics:

Topic 1: Databases and Information Systems
- Databases
- XML and semi-structured data management
- Multimedia data management
- Data Integration
- Information Systems
- Health Information Systems
- Disease surveillance systems
- Geographic Information System
- Interoperability
- Application Integration
- Human - computer interaction
- Security in Information Systems
- Big Data

Topic 2: Data science & Artificial Intelligence
- Computer Vision
- Machine Learning
- Deep Learning
- Natural Language Processing
- Intelligent and Decision Support Systems
- Business Intelligence
- Complex system modeling and simulation
- Multi agent Systems
- Fact checking
- Social media analytics
- Visualization
- Image Processing and Analysis

Topic 3: Computer Networks and Security
- Graphs
- Networks and Distributed Systems
- Mobility
- Network Planning and Network Modeling
- Optimization and Network Performance
- Cloud Computing, Cloud Network
- Next Generation Networks (SDN, NDN, 5G, etc.)
- Wireless Communication
- Security and Cryptography
- Radio Communication, Signals, and Signal Processing
- Internet of Things

Topic 4: ICT Applications
- Smart Cities and Smart Agriculture
- e-Health, e-Agriculture, e-Government, E-Learning, e-Business
- ICT for Education

Important dates

- Deadline for papers, posters and demos submission: **December 31, 2023**

- Notification of acceptance: **March 31, 2024**

- Camera ready: **April 15, 2024**
- Conference date: **May 02 – 04, 2024**
- **Conference venue: Université Cheikh Anta Diop, Dakar, Senegal**

Submission

Authors are invited to submit their papers in *English* (**Recommended**) or in *French*.

The long papers for oral presentation must not exceed *12 pages*. *Only papers submitted in English will be considered for inclusion in the proceedings that will be published by Springer and indexed*.

The short papers for oral presentation must not exceed *6 pages*. *Only papers submitted in English will be considered for inclusion in the proceedings that will be published by Springer and indexed*.

All the submission should be strictly done anonymously with authors names and affiliations left <u>blank</u>.

The *Springer Template* must be used for all submissions**: http://smartgiftconf.org/2016/show/authors-kit**

To submit your paper go to https://easychair.org/cfp/CNRIA2024

Submitted papers have to be original works of their authors, not have been published before, not be under review for any other conference or publication.

Committees

Program Committee

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