First International Conference on Autonomous Systems and their Applications (ICASA'22)

May 24ᵗʰ, 2022 – Online

ChadliBendjedid El-Tarf University

Objectives. The 1ˢᵗ International Conference on Autonomous Systems and their Applications (ICASA'22) will provide an excellent international forum for sharing knowledge and results in theory, and applications of Autonomous Systems and their advances. The research in the autonomous systems field aims to design and develop software able to perform tasks that require usually some form of human intelligence. Several techniques have been developed to program systems that can, to some extent, reason, learn, plan and take rational decisions in many areas or to understand and speak in natural language. Current autonomous systems technologies include voice interfaces, expert systems, mobile robots, and intelligent web assistants. The goal of this conference is to bring together researchers and practitioners from academia and industry to focus on understanding Autonomous Systems engineering concepts and establishing new collaborations in these areas.

Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, surveying works, and industrial experiences that describe significant advances in, but not limited to, the under mentioned areas.

Topics of Interest

Including, but not limited to:

- Artificial intelligence
- Bioinformatics
- Expert systems
- Image processing
- Information systems
- Natural language processing
- Pattern recognition
- Deep Learning
- Neural Networks
- Fuzzy Logic
- Agents and Multi-agent Systems
- Data Mining
- Computational Optimization
- Robotics
- Internet of Things
- BigData
- Datamining
- Data Analytics
- Mobile Applications
- Digital Transformation
- Social Computing
- …

Submission & Writing Guidelines

Submitted papers (6 to 8 pages) are required in English. They must provide completed research work or in the process of being completed. You are invited to submit your paper in pdf format via email: cniati.info@gmail.com or via easychair (http://easychair.org/cfp/ICASA22).

Organizing Committee

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Important Dates

Submission deadline: **May 5, 2022**
Notification of acceptance: **May 15, 2022**
Camera-ready submission: **22 Mai 2022**
Registration deadline: **May 23, 2022**

HONORARY CHAIR

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