

The First International Conference on Safe, Secure, Ethical, Responsible Technologies and Emerging Applications (EAI SAFER-TEA 2023)

Call for Papers

<https://safertea.eai-conferences.org/2023/>

October 25-27, 2023, Yaoundé, Cameroon

1. Scope & Topics

The First International Conference on Safe, Secure, Ethical, Responsible Technologies and Emerging Applications (EAI SAFER-TEA 2023) highlights multidisciplinary by bringing together scientists, academics, government actors, civil society actors, digital industry practitioners, entrepreneurs, independent academics, technology communities, innovators, policy makers and private sector leaders who find their interest. During this event, they will explore, exchange and discuss opportunities and advances related to digital transformation and the exploitation of emerging technologies and their applications, but also and above all the risks associated with this revolution as well as the preservation of safe, secure, ethical and responsible use and ecosystem.

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 the following areas, but are not limited to.

General topics

Ethics and Responsibility for technologies and emerging applications

- Biases correction
- Discrimination removal
- Invasion of privacy detection
- Fairness, transparency & human-centeredness
- Explainability & interpretability
- Trust

Safety and security for technologies and emerging applications

- Attacks dissection
- Prevention mechanisms
- Safety management
- Privacy management
- (Cyber)security defenses
- Risk and compliance management
- Incident Response
- Forensics
- Cryptographic systems
- Information hiding

- DevSecOps strategies
- Fake information
- 5G, 6G, RFID & IoT security
- Blockchain applications
- Quantum-based security
- Social engineering countermeasures
- Cyber-conflict
- Cyber-terrorism
- Cyber-crime
- Cyber espionage

Energy with Technologies and Emerging Applications (Energy-TEA)

<https://safertea.eai-conferences.org/2023/energy-tea/>

- Smart thermal grids;
- Smart gas grids;
- Smart electricity grids;
- Power electronics controllers for power systems;
- Energy efficient systems;
- Computer architecture and embedded systems
- Fuzzy logic control;
- Fuzzy decision support systems;
- Control systems;
- Renewable energy production and integration;
- Security and privacy of data exchange;
- Networking grid and cloud computing;
- Fault tolerance in energy systems;
- Emergent technologies applications for Smart Energy Systems;
- Sensors, communications, and intelligent networking;
- Smart homes, cities, and communities;
- Energy, artificial intelligence and optimization;
- Renewable energy production and integration;
- Smart vehicles and transportation;
- Renewable energy production and integration;
- Quantum energy applications;
- Legal and market challenges in energy.
- Energy governance
- Policies, laws and regulations
- Social and societal challenges

Agriculture with Technologies and Emerging Applications (Agriculture-TEA)

<https://safertea.eai-conferences.org/2023/agriculture-tea/>

- ICT4agriculture
- Open data in smart agriculture
- Content adaptation to local challenges
- Capacity development frameworks for agriculture
- System expert in smart agriculture
- Knowledge Retrieval in smart agriculture
- Gender and diversity issues
- Access and participation issues
- E-payment systems for e-agriculture
- Social and mobile systems for communication
- Adaptive formats for exchanges
- Information integration
- Geolocation of lands

- Smart crop rotation and selection
- Intelligent Precision agriculture
- Intelligent animal and plant inspection
- Intelligent plant disease inspection
- Monitoring and optimization of crop yield
- IoT networking for smart agriculture
- Remote sensing and data analysis
- Weather forecasting
- Machinery
- Smart Irrigation and water use efficiency
- Smart monitoring of soil and water quality
- Adaptive selling systems
- Computer vision for agriculture
- Agriculture governance
- Robotics-based Agriculture
- Policies, laws and regulations
- Social and societal challenges

Health with Technologies and Emerging Applications (Health-TEA)

<https://safertea.eai-conferences.org/2023/health-tea/>

- Health data privacy
- Sports and Leisure
- Entertainment, Games for Improving Health
- HCI, Intuitive Interfaces for Children and the Elderly
- Body area networks (BANs) and body Sensor Networks (BSNs)
- Cell-phone based monitoring systems
- M-healthcare
- Nano medicine
- Telemedicine
- Knowledge Discovery and Data Mining
- Robotics-based healthcare
- Health governance
- Remote patient monitoring
- Interface in/with health information systems
- Signal processing and pattern recognition
- Context-Aware Sensing
- Predicting and understanding behavior based on computational intelligence
- Data collection and data management
- Open data for healthcare
- Experimental testbeds
- Deployment and validation of smart health systems
- Wearable and implantable sensors
- Smart health promotion and disease prevention
- IoT Healthcare
- AI for Healthcare
- Patient-centered design models
- Augmented reality for health
- Information integration and retrieval
- Models for benchmarking and validation in health
- Medical device prototypes for diagnosis/prevention
- Security in healthcare network and systems
- ICTforHealth
- Policies, laws and regulations
- Social and societal challenges

2. Paper Submission

Authors are invited to submit papers through the conference Submission System by **28 June 2023**. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this conference. The proceedings of the conference will be published by **Springer** for inclusion in Web of Science, Compendex, Scopus, DBLP, EU Digital Library, IO-Port, MatchSciNet, Inspec, and more.

3. Important Dates

- **Full Paper Submission deadline: 28 June 2023**
- **Notification deadline:** 20 July 2023
- **Registration Opens:** 21 July 2023
- **Camera-ready deadline:** 15 August 2023
- **Start of Conference:** 25 October 2023
- **End of Conference:** 27 October 2023

4. Submission

Link: <https://safertea.eai-conferences.org/2023/submission/>

Conference page: <https://safertea.eai-conferences.org/2023/>

5. Chairs

General Chairs

Franklin Tchakounte, University of Ngaoundere, Cameroon
Marcellin Atemkeng, Rhodes University, South Africa

General Co-Chairs

Danda B. Rawat, Howard University, Washington DC, USA
Rajeswari Pillai Rajagopalan, Observer Research Foundation, New Delhi, India
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6. Contact Us

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