



ADVANCE' 2024 CFP

International Workshop on ADVANCES in ICT Infrastructures and Services

Hanoi, Vietnam 26-28 February 2024

<https://lrsm.ibisc.univ-evry.fr/ADVANCE2024>

Authors are invited to submit full or short papers presenting new research results and activities related to the development of future Information and Communication Infrastructures. All submissions must describe original research, not published or currently under review in another conference or journal. Areas of interest include, but are not limited to:

Future Networking Track

- Design, analysis, and evaluation of network architectures
- Energy-efficient computing and networking
- Signal Processing for Communication, Networking and Sensing
- Signal Processing over Networks
- Advanced Techniques for Networks and Services Monitoring
- Future Internet, 6G Network, Optical Systems, M2M communications, Tactile Internet
- Internet of Things & Web of Things, Internet of Everything, Internet of Drones
- Vehicular Network, Underwater Autonomous Vehicular Network
- SDN, Network Virtualization and NFV, In-network computing and network programmability (P4)
- Microservices, Service-Based Architecture (SBA)
- Self-Organized Networks, Intent Based Networks, Context-aware Networks, Autonomic Networks
- Fog-Edge-Cloud Computing Continuum, Networking, Orchestrating, Mobile Edge Networking and Computing,
- Middleware Technologies (Cloud, IoT, Grid, P2P, Social Networks)

AI Applied to Infrastructures and Services Track

- AI for Networking and Computing Optimization
- AI for Security Management
- AI for Self-Organized Resource Management
- AI for slices management and orchestration
- AI for the Fog-Edge-Cloud Computing Continuum
- AI for services infrastructure optimization
- Reproducibility

Security, Trust, Robustness and Human Perception Track

- Identity Management
- Security and Trust Management
- Secure Federation and Orchestration
- Privacy protection and Privacy-by-design
- Cybersecurity, Trustable Access and Access sharing
- Models and Tools for System Robustness
- Critical Infrastructure Management
- Usable Security, Privacy and Reliability
- Humans aspects of Security, Privacy and Reliability

Social data management

- Models, theories and techniques
- Workflow Management
- Information and Data Management
- Big Data Management
- Social Data Mining and Analytic
- Decision Analysis and Methods
- Urban Computing

Vertical Industries, Usage and Societal Impacts

- e-* (e-Health, e-Society and Digital Divide, e-Government, e-Business, e-Mobility, etc.)
- Smart-* (Smart Grid, Smart-Home, Smart-Health, Smart-Building, Smart-Cities, Smart-Cars, Smart-Road, Smart-Factory, etc.)
- Green ICT and ICT for green
- Environment friendly ICT and positive energy ICT
- Digital twins

IMPORTANT DATES

Paper Submission: **Nov 3rd, 2023**, Author Notification: **Dec 5th 2023** -Camera-Ready Due:-**Dec 15th, 2023**

SPECIAL ISSUE IN INTERNATIONAL JOURNAL

Authors of the best ADVANCE 2024 papers will be invited to submit extended versions for possible publication in special issue of International Journal (Computing and System Journal / Revista de Sistemas e Computação - ISSN 2237-2901) (Paulo Caetano - RSC Editor).

FOR MORE INFORMATION

Please contact the TPC Program Chairs ([advance2024\(at\)sciencesconf.org](mailto:advance2024(at)sciencesconf.org)) for any further information.