



ADVANCE' 2020 CFP

International Workshop on ADVANCES in ICT Infrastructures and Services

Mexico, Cancun 27th-29th January 2020

<https://lrsm.ibisc.univ-evry.fr/ADVANCE2020>



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 and Computing Track

- Advanced Techniques for Networks and Services Management
- Control and Monitoring Frameworks for Experimental Network and System Facilities
- Future Internet, 5G Network, Optical Systems, M2M communications
- AI for Networking and Computing Optimization
- Big Data Analytic and Machine Learning for Network Optimization
- Internet of Things & Web of Things, Internet of Everything, Internet of Drones, Industrial Internet
- Cognitive Networks, Underwater Networks, Relay and Cooperative Networks
- Vehicular Network, Underwater Autonomous Vehicular Network
- SDN, OpenFlow, Opflex, Netconf, Lisp, Trill
- Network Functions Virtualization, Microservices
- Self-Organized Networks, Autonomic Networks
- Paradigms for slices management and orchestration
- Cloud Computing and Networking, Fog Networking, Mobile Edge Networking and Computing,
- Middleware Technologies (Cloud, IoT, Grid, P2P, Social Networks)
- Blockchain Technology for Networking
- Blockchain as a service

Security and Trust Track

- Cybersecurity
- Blockchain Technology
- Security and Trust Management
- AI for Security Management
- Privacy protection and Privacy-by-design
- Usable Security and Privacy
- Humans aspects of Security and Privacy
- Access and Access sharing
- Critical Infrastructure Management

Social data management

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

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-Building, Smart-Cities, Smart-Road, Smart-Factory, etc.)
- Green ICT and ICT for green

IMPORTANT DATES

Paper Submission: ~~Oct 15th, 2019~~ **Nov 3th, 2019**, Author Notification: ~~Nov 8th, 2019~~ **Nov 24th, 2019** Camera-Ready Due: Dec 1st, 2019

SPECIAL ISSUE IN INTERNATIONAL JOURNAL

Authors of the best ADVANCE 2019 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 Co-Chairs ([advance2020\(at\)easychair.org](mailto:advance2020(at)easychair.org)) for any further information.