ADVANCE' 2021 CFP

International Workshop on ADVANCEs in ICT Infrastructures and Services
Spain, Zaragoza 2-4 February 2021
https://lrsm.ibisc.univ-evry.fr/ADVANCE2021

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
- 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, Tactile Internet
- Internet of Things & Web of Things, Internet of Everything, Internet of Drones,
- Cognitive Networks, Underwater Networks, Relay and Cooperative Networks
- Vehicular Network, Underwater Autonomous Vehicular Network
- SDN, OpenFlow, Opflex, Netconf, Lisp, Trill ,
- Network Functions Virtualization, Microservices, Service-Based Architecture (SBA)
- Self-Organized Networks, Autonomic Networks
- Fog-Edge-Cloud Computing Continuum, Networking, Orchestrating, Mobile Edge Networking and Computing,
- Middleware Technologies (Cloud, IoT, Grid, P2P, Social Networks)
- Blockchain Technology for Networking
- Blockchain as a service

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 for slices management and orchestration
- Big Data Analytics and Machine Learning for Network and Service Optimization
- AI for the Fog-Edge-Cloud Computing Continuum
- New opportunities for infrastructures supporting AI services

Security, Trust and Human Perception Track
- Cybersecurity
- Blockchain Technology
- Security and Trust Management
- Privacy protection and Privacy-by-design
- Usable Security and Privacy
- Humans aspects of Security and Privacy
- Trustable Access and Access sharing
- Critical Infrastructure Management

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

Verticales 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
- Digital twins

IMPORTANT DATES
Paper Submission: Nov 3th, 2020, Author Notification: Nov 24th, 2020 Camera-Ready Due: Dec 1th, 2020

SPECIAL ISSUE IN INTERNATIONAL JOURNAL
Authors of the best ADVANCE 2020 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 Computaçao - ISSN 2237-2901) (Paulo Caetano - RSC Editor).

FOR MORE INFORMATION
Please contact the TPC Program Co-Chairs (advance2021(at)easychair.org) for any further information.