

Call for Paper

ICT4DA 2019 is the 2nd international conference that aims to bring together researchers, engineers, developers, and practitioners from the academia and the industry to present and discuss their research work in the area of ICT for Development. This conference seeks to facilitate the transfer of experience, adaptation of methods, and where possible, foster collaboration among different groups. The topics of interest cover all aspects of ICT towards the socioeconomic development. The Conference is categorized under five tracks.

Important Dates

Paper Submission deadline:	January 27, 2019
Acceptance Notification:	March 15, 2019
Camera Ready Submission Deadline:	April 14, 2019
Registration deadline for Authors	April 14, 2019

Topics of interest for these tracks include, but are not limited to:

Track 1: Intelligent Systems & Data Science

- Decision support systems
- Autonomous multi-agent systems
- Fuzzy logic and fuzzy systems
- Machine Learning
- Summarization and Information Extraction
- Big Data modeling, Analytics and prediction
- Data analytics and machine learning
- Statistical learning algorithms, models and theories
- Text mining
- Uncertainty modeling of intelligent systems
- Data-science and AI applications for resource limited areas
- Data-science for meeting the sustainable development goals (ICT4SDG)
- IoT and AI Systems for water resource monitoring and management
- Application of AI in agriculture, healthcare, manufacturing, and etc.

Track 2: Wireless Communications & Emerging Networking

- Wireless, cellular & cognitive radio networking trends
- Network virtualization & software defined networking
- Ad hoc and sensor networking
- Massive machine type communication and its applications
- Energy efficiency in networking & data centers
- Next Generation Networking: MIMO, tactile Internet & gigabit networks
- Smart grid & power-line communications
- Satellite and space communication
- QoS, reliability and modelling in Next generation networks
- Smart Spectrum Sharing in Future Wireless Networks
- Wireless standards: WLAN, WPAN, RFID, and NFC
- Affordable broadband wireless networks for emerging economy
- 5th Generation Wireless and the sustainable development goals
- Wireless communications for intelligent transport systems and control
- Wearable computing and body area networks
- Social network applications and mobile computing
- Context and location aware applications and services
- IoT and smart sensing in the 4th Industrial Revolution (4th IR) applications.

Track 3: Circuits and Computing Systems

- Analog and mixed signal circuits and systems
- Communication circuits and systems
- Digital circuits, systems and signal processing
- Parallel and multicore architecture
- Power-efficient architectures
- Reconfigurable and heterogeneous architectures
- New platforms and hardware designs for low-power embedded systems
- Energy harvesting, and energy management systems
- Mobile and pervasive systems, including personal wearable devices, drones and robots
- Fault-tolerance, reliability, and verification

Track 4: Security and Privacy

- Access control and security models
- Cloud, mobile platforms and embedded systems security
- Internet, communication and network security
- Economics of security and privacy
- Forensics, hardware and biometric security
- Software security and malware
- Intrusion detection and prevention systems
- Information & network security for resource limited environments
- Security and privacy for the Internet of Things
- Security and privacy policies in next generation networks & the 4th IR
- Usability vs security and privacy in the context of emerging economies
- Information societal for societal & e-Government services

Track 5: Natural Language Processing (NLP)

- Speech Recognition, Speech Synthesis
- Dialogue and multilingual Interactive Systems
- Narrative understanding and commonsense reasoning
- Sentiment analysis and opinion mining
- Multimodal and grounded language processing
- Summarization and Information Extraction
- Part of Speech Tagger
- Applications of NLP on Web, Social Media and Computational Social Science

Publications

All presented papers will be published by Springer and made available through SpringerLink Digital Library, one of the world 's largest scientific libraries, within CCIS.

Proceedings are submitted by Springer for inclusion to the leading indexing services; DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, Scopus. **CCIS** volumes are also submitted for the inclusion in ISI Proceedings.

Paper Submission

Papers should be submitted via **OCS** system. Please follow instructions on [initial submission](#) and in [author's kit](#) when submitting your paper.

