Call for Papers

The IEEE Latin-American Conference on Communications (LATINCOM) is an international conference organized by the IEEE Communications Society (ComSoc). It is held annually and attracts submissions and participants from all around the world. It covers the scope of all ComSoc Technical Committees and has a broad technical program that includes renowned keynote speakers and comprehensive tutorials presenting the state of the art in communications. This year will mark the 10th edition of LATINCOM, and the City of Guadalajara has been chosen to host the conference for this symbolic occasion. Known as the Pearl of the West, the Mexican Silicon Valley, and the land of tequila and mariachi, Guadalajara is rich in history and traditions. The Organizing Committee is inviting the submission of original, unpublished high-quality research papers focused on (but not limited to) the following topics of interest:

Networking
- Networking for Cloud Computing
- Mobile Cloud Computing and Mobile Edge Computing
- Communications for Smart grid
- Peer-to-Peer networking
- Social Networks
- Network Functions Virtualization
- Software Define Network
- Big Data Management
- Content-oriented Infrastructures
- Smart Cities and Urban Computing Networking
- Vehicular Networks
- Delay-Tolerant Networking
- Communications for IoT and enabling infrastructures (Fog/edge)
- Next Generation Networks

Communication Services
- Emergency Communications- Broadcast services (Digital TV, HDTV, IPTV, etc.)
- Multimedia Services and Applications- Service Security and Privacy
- Services for disaster situations and humanitarian services
- Location-based Information Systems
- Communications for Intelligent Transport Systems
- Social Networks
- E-Health, E-Governance, E-Transportation, E-Agriculture, etc.

Optical Networks
- Elastic networks
- Access networks
- Optical communications
- Optical & wireless convergence
- Photonics

Communications Systems & Signal Processing
- Communication Theory
- Power Line Communications
- Radio Communications
- Satellite & Space Communications
- Signal Processing & Communications Electronics
- Data storage

- Transmission, access and optical system
- Cross-layer design

Wireless Communications & Networking
- Internet of Things and applications (Smart Cities, Agriculture, eHealth, Industry 4.0, etc.)
- 5G Communications and Networking
- Device-to-Device / Machine-to-Machine Communications
- Smart Grids
- Non Orthogonal Multiple Access
- mmWave and VLC communications
- Cognitive networks
- Cross-layer design
- Ad Hoc, sensor, mesh and access networks
- Radio, Satellite and space communications
- Software Defined Networking and Network functions virtualization
- Cloud and Fog Computing and Networking

Sustainable Communications & Energy Efficiency
- Green wireless and fixed-line communications
- Energy-efficient protocols and networks
- Green Data Centers and Cloud Networking
- Energy-Efficient Datacenters and Networks
- Smart Grid communications
- Trials and experiences of operators

Communication Qos, Reliability & Performance Modeling
- Communications systems integration and modeling
- Performance evaluation and Design
- Reliability of systems and networks
- Traffic engineering and traffic theory
- Traffic characterization and measurements
- Quality of Experience and Quality of Service

Enabling Technologies
- Network management
- Switching and Routing
- Internet protocols
- Communications protocols
- Communications and information security

Papers must be written in English, unpublished and not submitted elsewhere. Full papers must be formatted as the standard IEEE double-column conference template and submitted exclusively in PDF on JEMS (https://submissoes.sbc.org.br) at the IEEE LATINCOM 2018 page. Maximum 6 pages are allowed for each paper, including all illustrations and references. Accepted and presented papers will be published in the IEEE LATINCOM 2018 Conference Proceedings and submitted to IEEE Xplore® as well as other Abstracting and Indexing (A&I) databases.

CALL FOR TUTORIAL PROPOSALS
Proposals are invited for half-/full-day tutorials on topics of interest of the conference. Proposals must be submitted by e-mail to the Tutorial Chair, Dr. Luis Rizo, lrizo@iteso.mx, including title, abstract, full contact information, introduction to the subject, preferred length, past history, biography of the lecturer, and the detailed outline.

IMPORTANT DATES:

• Paper submission deadline:	• Submission of tutorial proposals:	• Notification of acceptance:	• Camera-ready papers:
~~31 July 2018~~ 21 August (EXTENDED)	~~31 July 2018~~ 21 August (EXTENDED)	30 September 2018	15 October 2018

Further information about the electronic paper submission process will be made available at the conference website.