The 12th International Conference on COMmunication Systems & NETWorkS (COMSNETS) will be held in Bangalore, India, during January 7 - 11, 2020. COMSNETS is a premier international conference dedicated to advances in Networking and Communications Systems and related current areas. The conference will include a highly selective technical program consisting of submitted papers, a small set of invited papers from well-known leaders in the field, and poster. Focused workshops and panel discussions will be held on emerging topics to allow for a lively exchange of ideas.

**Topics of Interest**

The topics of interest include (but not limited to) the following:

- 5G and wireless broadband networks
- Technologies for 6-100 GHz spectrum
- Visible light communications
- Heterogeneous networks (HetNets)
- Cognitive radio & white-space networking
- Economics of networks
- Energy-efficient communications
- Cloud computing
- Enterprise, data center, & storage-area networks
- Internet architecture and protocols, Internet science & emergent behavior
- Mobility and location management
- Mobile sensing
- Traffic analysis and engineering
- Internet of Things (IoT)
- caching & delivery systems
- Information/Content centric networks (ICN)
- Network management and operations
- Network security and privacy
- Trusted computing
- Network science
- Online social networks
- Overlay communications, content distribution
- Wireless adhoc and sensor networks
- Systems & networks for smarter energy & sustainability
- Vehicular communications
- Smart Grid communications & networking
- Machine Learning and AI in Networking
- Big Data/IT Analytics in Networking
- Cognition and Cognitive Computing in Networking

Selected best papers from COMSNETS 2020 will be invited for submission of their significant extended versions in a special issue of Elsevier Ad Hoc Networks journal (2018 I.F. 3.490).

High quality papers with novel contributions may be considered for fast track publication (after significant extension) in Elsevier Pervasive & Mobile Computing journal (2018 I.F. 2.769).

**Conference Highlights**

- Keynote/Invited/Banquet Talks
- Technical Paper and Poster Sessions
- Mentoring Sessions
- Travel Grant Sponsor: Cisco, India
- Camera Ready Submission: 7th January, 2020
- Demos & Exhibits
- Camera-Ready Submission: 15th November, 2019
- Main Conference: 8th - 10th January 2020
- Workshops: 7th and 11th January 2020

**Important Dates & Deadlines**

- **Paper Submission**: November 15, 2019, 11:59 pm AoE
- **Notification of Acceptance**: December 31, 2019
- **Camera-Ready Submission**: November 15, 2019
- **Main Conference**: January 7-11, 2020

**InvitedSpeakers**

- Carla F. Chiasserini, Politecnico di Torino, Italy
- Gerhard P. Fettweis, TU Dresden, Germany

**Keynote Speakers**

- Saravanan Radhakrishnan, Cisco, India
- Srimanta Bhattacharya, Microsoft Research, India
- Vishnu Navda, Microsoft Research, India
- Nirmalya Roy, UMBC, USA
- Sumit Roy, University of Washington, USA

**Panel Discussions**

- Trusted computing
- Network security and privacy
- Overlay communications, content distribution
- Wireless adhoc and sensor networks
- Systems & networks for smarter energy & sustainability
- Vehicular communications
- Smart Grid communications & networking
- Machine Learning and AI in Networking
- Big Data/IT Analytics in Networking
- Cognition and Cognitive Computing in Networking

**COMSNETS** provides generous travel grants to international student applicants who have an accepted paper in the conference. Please see the home page for details.