The 12th International Conference on COMmunication Systems and 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 & content 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/ IoT 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
- Graduate Research Forum
- Panel Discussions
- Demos & Exhibits
- Mentoring Sessions
- Intelligent Transportation Systems
- Cyber Security & Blockchain
- ACM IMOBILE AIMS
- LASTMILS
- NetHealth

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

**Keynote Speakers**

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

**Banquet Speaker**

- Rahul Mangharam, UPenn, USA

**Invited Speakers**

- Hrishikesh B. Acharya, RIT, USA
- Claudio Casetti, Politecnico di Torino, Italy
- Supratik Mukhopadhyay, LSU, USA
- Vishnu Navda, Microsoft Research, India
- Nirmarya Roy, UMBC, USA
- Nikramp Roy, UMD, USA
- Simone Silvestri, University of Kentucky, USA
- Krishna Sivalingam, IIT Madras, India

**Important Dates & Deadlines for the Main Conference**

- Abstract Submission: 30th August, 2019, 11:59 pm AoE
- Paper Submission: 6th September, 2019, 11:59 pm AoE
- Notification of Acceptance: 31st October, 2019
- Camera-Ready Submission: 15th November, 2019
- Main Conference: 8th - 10th January 2020
- Workshops: 7th and 11th January 2020

**Important Dates & Deadlines for Posters**

- Paper Submission: 7th November, 2019, 11:59 pm AoE
- Notification of Acceptance: 28th November, 2019
- Camera-Ready Submission: 7th December, 2019

**Demos and Exhibits**

COMSNETS 2020 invites demos from researchers, startups, and corporates showcasing cutting-edge technologies and their applications. All accepted demos will be considered for the Best Demo Award.

**Important Dates & Deadlines for Demos:** 8th - 9th January, 2020

- Paper Submission: 1st November, 2019, 11:59 pm AoE
- Notification of Acceptance: 1st December, 2019
- Camera-Ready Submission: 15th December, 2019

**Conference Patron:**

- SICOM / CISCO
- ARISTA
- Wi-Fi Partner: Travel Grant Sponsor: