# COMSNETS 2018
10th International Conference on COMmunication Systems & NETworkS

**Technical Co-Sponsors:** IEEE · IEEE ComSoc (IEEE Communications Society)

**In Cooperation With:** acm In-Cooperation, sigmobile, sigcomm · MeitY · Digital India Power To Empower

**3 – 7 January Bangalore, India**

http://www.comsnets.org/

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The **10th International Conference on COMmunication Systems and NETworkS** will be held in Bangalore, India, during January 3-7, 2018. COMSNETS is a premier international conference dedicated to advances in Networking and Communications Systems. The conference is a yearly event for a world-class gathering of researchers from academia and industry, practitioners, and business leaders, providing a forum for discussing cutting edge research, and directions for new innovative business and technology.

The conference will include a highly selective technical program consisting of submitted papers, a small set of invited papers on important and timely topics from well-known leaders in the field, and poster session of work in progress.

Focused workshops and panel discussions will be held on emerging topics to allow for a lively exchange of ideas. International business and government leaders will be invited to share their perspectives, and will complement the technical program.

The conference will recognize one or more papers, demos, posters, and graduate student forum presentations with awards during the conference banquet.

### 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, and 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 Analytics in Networking, including IoT Analytics
- Cognition and Cognitive Computing in Networking

### Conference Highlights

- Keynote/Invited/Banquet Talks
- Technical Paper and Poster Sessions
- Graduate Research Forum
- Panel Discussions
- Demos & Exhibits
- Mentoring Sessions
- Co-located Workshops
  - WACI (Big Data Analytics & IoT)
  - Social Networking
  - Intelligent Transportation Systems
  - Networked Healthcare
- Mobile India
- ASSET

### Banquet Speaker

- **VC Gopalratnam**, Cisco, India
- **K Ananth Krishnan**, TCS, India
- **Tulika Pandey**, Meity, Govt. of India

### Keynote Speakers

- **Lixia Zhang**, University of California, Los Angeles, USA
- **Krishna Gummadi**, Max Plank Institute for Software Systems, Germany
- **Dhananjay Gore**, Qualcomm Research, India

### Invited Speakers

- **Kirill Kogan**, IMDEA Networks, Spain
- **Binbin Chen**, ADSC, Singapore
- **Venu Veeravalli**, UIUC, USA
- **Kaushik Roy Chowdhury**, NU, USA
- **Mahesh K. Marina**, Univ. of Edin., UK
- **Josef Noll**, Univ. of Oslo., Norway
- **Biplab Sikdar**, NUS, Singapore
- **Prasenjit Dey**, IBM Research, India
- **Georg Carle**, TUM, Germany
- **Raghunath Nambiar**, Cisco Systems, USA
- **Lipika Dey**, TCS Innovation Labs, India
- **Ajit Rao**, Qualcomm, India

### Conference Venue

The conference will be held in The Chancery Pavilion Hotel, Bangalore, India.
Please see **http://www.comsnets.org/** for detailed information or email us at comsnets.conference@gmail.com.

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