

**General Co-Chairs**

Rajesh Krishna Balan, *SMU, Singapore*  
 Pamela Kumar, *TSDSI, India*  
 Rahul Mangharam, *University of Pennsylvania, USA*

**Technical Program Co-Chairs**

Swarun Kumar, *Carnegie Mellon University, USA*  
 Sharayu Moharir, *IIT Bombay, India*  
 Amit Saha, *Cisco, India*

**Poster Co-Chairs**

Rajalakshmi Nandakumar, *Cornell University, USA*  
 K P Naveen, *IIT Tirupati, India*  
 Rohit Verma, *University of Cambridge, UK*

**Workshop Co-Chairs**

Nadeem Akhtar, *Arista Networks, India*  
 Dheryta Jaisinghani, *University of Northern Iowa, USA*

**Demos and Exhibit Co-Chairs**

Kaustubh Dhondge, *Glaukes Lab, USA*  
 Soma Pandey, *Jio Platforms Ltd, India*  
 Alok Ranjan, *Hitachi Research, India*

**Graduate Forum Co-Chairs**

Madhumita Mallick, *Huawei Technologies, India*  
 Ritesh Singh, *University of Antwerp, Belgium*

**Panel Co-Chairs**

Dinesh Bharadia, *University of California San Diego, USA*  
 Suparna Bhattacharya, *HPE, India*  
 Laxmi Mukund, *Cisco, India*  
 Tulika Pandey, *MEITY, Gol, India*

**MINDS Workshop Co-Chairs**

Manjesh Hanawal, *IIT Bombay, India*  
 Sirisha Rambhatla, *University of Southern California, USA*

**LastMiles Workshop Co-Chair**

Mukulika Maity, *IIT Delhi, India*  
 Chetna Singhal, *IIT Kharagpur, India*

**ITS Workshop Co-Chairs**

Yash Pant, *University of California, Berkeley, USA*  
 Digvijay Sampatrao Pawar, *IIT Hyderabad, India*

**NetHealth Workshop Co-Chairs**

Ashwini Appaji, *IEEE, Bangalore, India*  
 Divyashikha Sethia, *Delhi Technological University, India*

**Standards-driven Research Workshop Co-Chairs**

Vinosh Babu James, *Qualcomm, India*  
 Arzad Alam Kherani, *IIT Bhilai, India*  
 Jean-Pierre Bienaimé, *Ubiquity Consulting, France*

**Women in Engineering Co-Chairs**

Veena Mendiratta, *Nokia Bell-Labs, USA*  
 D N Sujatha, *BMSCE Bengaluru, India*

**Tutorial Co-Chairs**

Azeem Khan, *SenzIQ*  
 Niranjini Rajagopal, *Amazon, USA*  
 Rahul Singh, *IISc Bangalore, India*

**COMSJOB Chair**

Prasant Misra, *TCS Innovation Labs, India*

**Publication Co-Chairs**

Divya M G, *C-DAC, India*  
 Mainack Mondal, *IIT Kharagpur, India*

**Publicity Co-Chairs**

Nova Ahmed, *North South University, Bangladesh*  
 Ashwin Ashok, *Georgia State University, USA*  
 Amitalok Budkuley, *IIT Kharagpur, India*  
 Jun Han, *National University of Singapore, Singapore*  
 Ade Melita, *Jakarta, Indonesia*  
 Bindoo Srivastava, *TSDSI, India*  
 Connie Yuen, *Hong Kong Shue Yan University, HK*

**Social Media Co-Chairs**

Tadashi Okoshi, *Keio University, Japan*  
 Subrahmanya Swamy Peruru, *IIT Kanpur, India*  
 Sougata Sen, *BITS Pilani, India*

**Web Chair**

Bishakh Ghosh, *IIT Kharagpur, India*

**IT Chair**

Ananda Krishna, *Astra Security, India*

**Finance Co-Chairs**

Raj Sharma, *VideoKen, India*  
 Chandrika Sridhar, *IISc Bangalore, India*

**Registration Co-Chairs**

Chandrika Sridhar, *IISc Bangalore, India*  
 Ashwini Sampath, *IISc Bangalore, India*

**Sponsorship Co-Chairs**

Giridhar Mandyam, *Qualcomm, USA*  
 Rajeev Shorey, *UQIDAR, IIT Delhi, India*

**Awards and Honors Co-Chairs**

Animesh Mukherjee, *IIT Kharagpur, India*  
 Jeffrey Tew, *TCS, USA*

**International Advisory Committee Co-Chairs**

Geeta Kathpalia, *MEITY, Gol, India*  
 Tulika Pandey, *MEITY, Gol, India*  
 B. M. Baveja, *MEITY, Gol, India*  
 Pamela Kumar, *TSDSI, India*  
 Prashant Pillai, *University of Wolverhampton, UK*  
 Dah Ming Chiu, *CUHK, China*

**Steering Committee Co-Chairs**

Uday Desai, *IIT Hyderabad, India*  
 Giridhar Mandyam, *Qualcomm, USA*  
 Rajeev Shorey, *UQIDAR, IIT Delhi, India*  
 G. Venkatesh, *SASKEN, India*

The 14<sup>th</sup> International Conference on COMmunication Systems and NETworks (COMSNETS) will be held in Bangalore, India, during January 4 – 8, 2022. COMSNETS is a premier international conference dedicated to advances in Networking and Communication Systems. 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 and demo sessions of work in progress. Additionally, 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.

Conference organizers are monitoring the situation of COVID-19 and international travel restrictions. We are ready to take necessary steps, including transforming the conference into a hybrid experience for physical and virtual attendees, to accommodate authors who may face travel difficulties.

**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
- Edge and fog computing/networking
- Studies on testbeds and large-scale experimental platforms
- Long-range/Low-power wide-area wireless networking
- Connected unmanned aerial/terrestrial/underwater systems
- CubeSats/Satellite networking
- WLAN, RFID, and NFC
- Visible light communications
- Heterogeneous networks (HetNets)
- Cognitive radio and white-space networking
- Economics of networks
- Energy-efficient communications
- Cloud Computing
- Smart Grid communications and networking
- Machine Learning and AI in Networking
- Enterprise, data center, and storage-area networks
- Internet architecture and protocols, Internet science and emergent behavior
- Mobility and location management
- Mobile sensing
- Traffic analysis and engineering
- Internet of Things (IoT)
- Caching and Content delivery systems
- Information/Content centric networks (ICN)
- Network management and operations
- Network security and privacy
- Trusted computing
- Networking science
- SDN/NFV and Network Programmability
- Internet Measurement and Modeling
- Networks for smarter energy and sustainability
- Vehicular networks and intelligent transportation
- Big Data/IoT Analytics in Networking
- Blockchain and Distributed Ledger

In addition to research papers, COMSNETS is also interested in Experience papers that present the details and insights from real-life testbeds and/or large-scale experimental platforms around the research topics mentioned above. Such papers should provide detailed insights into (1) building the testbeds/platforms, (2) lessons that are impractical in a research setup, and (3) implications for further research in the relevant domain. Experience papers shall follow the same submission process as the research papers with an "Experience:" prefix in the title.

Papers submitted to the main conference should be prepared in standard IEEE conference format and should contain no more than **eight pages** of technical content, plus **one** page of references. We will follow a **single-blind** review policy. Please check the conference website for more details.

Selected best papers from COMSNETS 2022 will be invited for submission of their significant extended versions in a special issue of **Elsevier Ad Hoc Networks journal (2019 I.F. 3.643)**.

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

**Conference Highlights**

- Keynote, Invited, and Banquet Talks
- Technical Papers and Poster Session
- Graduate Research Forum
- Panel Discussions
- Women in Engineering
- Demos and Exhibits
- COMSJOB
- Tutorial Sessions
- Mentoring Sessions

**Co-located Workshops**

- Cyber Security and Blockchain
- Standards Driven Research Workshop
- LastMileS
- MINDS
- NetHealth
- ITS

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

<b>Abstract/Paper Submission</b> .....	<b>15<sup>th</sup> September 2021, 11:59pm AoE</b>
<b>Notification of Acceptance</b> .....	<b>31<sup>st</sup> October 2021</b>
<b>Camera-Ready Submission</b> .....	<b>15<sup>th</sup> November 2021</b>
<b>Main Conference</b> .....	<b>5<sup>th</sup> – 7<sup>th</sup> January 2022</b>
<b>Workshop Dates</b> .....	<b>4<sup>th</sup> and 8<sup>th</sup> January 2022</b>

**Poster Session**

COMSNETS 2022 Poster Session is a forum to showcase preliminary/ongoing work in the area of computer networking and communications. Accepted posters will be published in the conference proceedings.

**Important Dates & Deadlines for Posters**

<b>Paper Submission</b> .....	<b>10<sup>th</sup> November 2021, 11:59 pm AoE</b>
<b>Notification of Acceptance</b> .....	<b>5<sup>th</sup> December 2021</b>
<b>Camera-Ready Submission</b> .....	<b>15<sup>th</sup> December 2021</b>

**Demos and Exhibits**

COMSNETS 2022 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**

<b>Paper Submission</b> .....	<b>7<sup>th</sup> November 2021, 11:59 pm AoE</b>
<b>Notification of Acceptance</b> .....	<b>1<sup>st</sup> December 2021</b>
<b>Camera-Ready Submission</b> .....	<b>15<sup>th</sup> December 2021</b>