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Rajesh Krishna Balan, SMU, Singapore
Pamela Kumar, TSDSI, India
Rahul Mangharam, University of Pennsylvania, USA
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Swarun Kumar, Carnegie Mellon University, USA
Sharayu Moharir, IIT Bombay, India
Amit Saha, Cisco, India

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

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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, GoI, India

Publication Co-Chairs

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

MINDS Workshop Co-Chairs

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

LastMileS Workshop Co-Chairs

Mukulika Maity, IIIT 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

Jean-Pierre Bienaimé, Ubiquity Consulting, France
Puneet Jain, Intel, USA

Vinosh Babu James, Qualcomm, India

Arzad Alam Kherani, IIT Bhilai, India

Cybersecurity, Privacy and Blockchain Workshop Chair

Sachin Lodha, TCS Research, India

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

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Ashwin Ashok, Georgia State University, USA

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Bindoo Srivastava, TSDSI, India

Connie Yuen, Hong Kong Shue Yan University, HK

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Ananda Krishna, Astra Security, India

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Rajeev Shorey, UQIDAR, IIT Delhi, India

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Jeffrey Tew, TCS, USA

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Tulika Pandey, MEITY, GoI, India

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Giridhar Mandyam, Qualcomm, USA

Rajeev Shorey, UQIDAR, IIT Delhi, India
G. Venkatesh, SASKEN, India

The **14th International Conference on COMMUNICATION SYSTEMS and NETWORKS (COMSNETS)** will be held in Bangalore, India, during January 3 – 9, 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

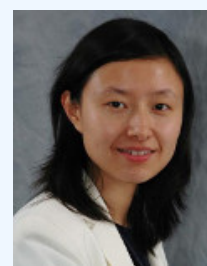
Keynote Speakers



Dina Katabi
MIT, USA



Arogyaswami Paulraj
Stanford University, USA



Lili Qiu
University of Texas at Austin, USA



Rajesh Sundaresan
IISc Bangalore, India



Ellen W. Zegura
College of Computing, Georgia Tech, USA

- Technical Papers
- Graduate Research Forum
- Panel Discussions
- Women in Engineering
- Mentoring Sessions
- COMSJOB
- Tutorial Sessions

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.

Demos and Exhibits 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

	Main Conference	Posters	Demos	Workshops
Abstract/Paper Submission	1st Oct. 2021	10 th Nov. 2021	7 th Nov. 2021	10 th Nov. 2021
Notification of Acceptance	31 st Oct. 2021	5th Dec. 2021	1 st Dec. 2021	30th Nov. 2021
Camera-Ready Submission	15 th Nov. 2021	15 th Dec. 2021	15 th Dec. 2021	10 th Dec. 2021

Invited Speakers

Ana Aguiar
University of Porto, Portugal
Avhishek Chatterjee
IIT Madras, India
Sreelakshmi Manjunath
IIT Mandi, India
Sudip Misra
IIT Kharagpur, India
Srinivas Narayana
Rutgers University, USA
Neeraja Sahasrabudhe
IISER Mohali, India
Arunesh Sinha
Singapore Management University
Elahé Soltanaghai
University of Illinois Urbana-Champaign, USA
Koji Yatani
The University of Tokyo, Japan
Xia Zhou
Dartmouth College, USA

Workshops

- Cyber Security and Privacy
- LastMileS
- MINDS
- NetHealth
- ITS
- Standards Driven Research

