COMSNETS 2021

13th International Conference on COMmunication Systems & NETworkS

Technical Co-Sponsors: IEEE, IEEE ConSoc (IEEE Communications Society), IEEE Future NETWORKS (Enabling 5G and Beyond), IEEE BANGALORE SECTION

In Cooperation With: acm In-Cooperation, sigmobile, IMOBILE (INDIA CHAPTER OF ACM SIGMOBILE), sigcomm

5 – 9 January 2021
Bangalore, India
http://www.comsnets.org/

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The **13th International Conference on COMmunication Systems and NETworkS** **(COMSNETS)** will be held in Bangalore, India, during January 5 - 9, 2021. 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.

Owing to safety concerns as well as statutory restrictions preventing travel and gatherings, we will not hold an in-person, physical conference this year. Rather, COMSNETS 2021 will be organized as a virtual conference.

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
- 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
- Web, Video, and AR/VR applications
- Traffic analysis and engineering
- Internet of Things (IoT)
- Caching & Content Delivery Systems
- Information/Content Centric Networks
- Network Management and Operations
- Network Security and Privacy
- Trusted Computing
- Network Science
- Online Social networks
- SDN/NFV and Network Programmability
- Internet Measurement and Modeling
- Networks for smarter energy & sustainability
- Vehicular Networks & Intelligent Transportation
- Smart Grid Communications & Networking
- Machine Learning and AI in Networking
- Big Data/ IoT Analytics in Networking
- Blockchain and Distributed Ledger

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 2021 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/Banquet Talks
- Technical Paper and Poster Sessions
- Graduate Research Forum
- Panel Discussions
- Demos and Exhibits
- Mentoring Sessions
- COMSJOB
- Tutorial Sessions
- Co-located Workshops
  - Cyber Security & BlockChain — MINDS
  - IMOBILE AIMS — NetHealth
  - LastMileS — ITS

Keynote Speakers

- Sunita Sarawagi, IIT Bombay, India
- Michele Zorzi, University of Padua, Italy
- Jennifer Rexford, Princeton University, USA

Invited Speakers

- Dinesh Bharadia, UCSD, USA
- Harsha Madhyastha, UMichigan, USA
- Sharayu Moharir, IIT Bombay, India
- K P Naveen, IIT Tirupati, India
- Damith Ranasinghe, UAdelaide, Australia
- Winston Seah, VUW, New Zealand
- Pooja Vyavahare, IIT Tirupati, India
- Andra Lutu, Telefonica Barcelona, Spain

Important Dates & Deadlines for the Main Conference

Abstract/Paper Submission	7th October, 2020, 11:59pm AoE
Notification of Acceptance	18th November, 2020
Camera-Ready Submission	4th December, 2020
Main Conference	6th – 8th January 2021
Workshops	5th and 9th January 2021

Poster Session

COMSNETS 2021 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

Paper Submission	9th November, 2020, 11:59 pm AoE
Notification of Acceptance	1st December, 2020
Camera-Ready Submission	15th December, 2020

Demos and Exhibits

COMSNETS 2021 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

Paper Submission	20th November, 2020, 11:59 pm AoE
Notification of Acceptance	1st December, 2020
Camera-Ready Submission	15th December, 2020

Conference Venue: The Chancery Pavilion Hotel, Bangalore, India

Email us at comsnets.conference@gmail.com

Video Partner: VideoKen
WiFi Partner: ARISTA
NGO Partner: aarogya seva
Conference Patrons: QUALCOMM, CISCO, ARISTA, Microsoft, BOSCH, SMU, Glaukes Labs