

Message from the COMSNETS Steering Committee

We are pleased to introduce the Fourteenth edition of the International Conference on COMMunication Systems and NETworkS (COMSNETS). Despite a continuing worldwide pandemic, the conference persevered with yet another outstanding technical program derived from a submission pool from researchers around the world. In addition to a good number of papers from India, the COMSNETS 2022 technical program includes papers from authors in USA, UK, Italy, Spain, Sweden, Norway, Hong Kong and Brunei Darussalam.

The conference continues to offer poster session for emerging research, a graduate forum for students, and a Demos & Exhibits session where many start-ups, universities and established companies provide examples of research-in-action with working prototypes or commercialized products. This is all done using a hybrid participation model, where in-person and remote attendees can interact using the virtual facilities offered by the Indian telecollaboration company Airmeeet. COMSNETS continues to host several workshops that cover diverse topics. The 2022 edition of the conference boasts of six workshops in current areas - Machine Intelligence in Networked Data and Systems (MINDS), "Last-mile" Challenges and Standardization Opportunities in Smart Infrastructure, Cyber Security and Privacy, Intelligent Transportation Systems (ITS), Networking Humanitarian Technology for Healthcare (NetHealth), and the newest workshop - Standards-driven Research.

The conference will once again have a tutorial session, leveraging from the highly successful inaugural tutorial session held in 2021. In addition, for the third year the conference would be hosting the Women-in-Engineering (WiE) workshop. Moreover, the COMSJOB session will be held for a 3rd year to once again enable sponsoring organizations to connect with potential recruits for open positions.

We are particularly grateful to the Chancery Pavilion in Bangalore for hosting the conference once again. COMSNETS 2021 was an all-virtual affair and marked the first time that the conference was not held at the Chancery. We are excited to be able to return to this venue after a gap of two years.

The COMSNETS 2022 organizing committee is drawn from a pool of top researchers in the communications area from around the world. Through their efforts, a strong technical program has been put together for this year's version of the conference. In particular, we are extremely grateful to the distinguished General Co-Chairs - Prof. Rajesh Balan (Singapore Management University), Ms. Pamela Kumar (TSDSI, India) and Prof. Rahul Mangharam (The University of Pennsylvania, USA). We also recognize the diligent efforts of the Technical Program Committee Co-Chairs - Prof. Swarun Kumar (Carnegie Mellon University, USA), Prof. Sharayu Moharir (IIT Bombay, India) and Dr. Anit Saha (Cisco, India). The General Chairs, TPC Chairs, the Technical Program Committee, Workshop Chairs, Panel Chairs, Poster Chairs, Graduate Forum Chairs, Demos & Exhibits Chairs, Publicity & Publications Chairs, Local Arrangements and the Registration Chairs have worked hard and put together an outstanding program for this year's conference. We would like to thank Ms. Chandrika Sridhar, Ms. Ashwini Sampath and Mr. Raj Sharma for their continued support of the conference and Mr. Ananda Krishna for his long-standing leadership of the conference's information technology requirements. Our very special thanks to Bishakh Ghosh from IIT Kharagpur for his significant contribution as the conference Web Chair. Bishakh has put in a lot of time and effort in ensuring a high quality, detailed web site for the conference and we are so grateful to him.

The conference continues to benefit from several industrial sponsors and university partners. We give a special note of gratitude to this year's Platinum Sponsor - TCS Research, and Gold Sponsors - Qualcomm and the Murty Foundation. We are sincerely grateful to our Silver Sponsors- Google, Cisco, Skymount and Arista. In addition, we appreciate our Bronze Sponsors - Microsoft, Singapore Management University, Glaukes Labs, the Govt. of India's Defense R&D Organization (DRDO), and Plaksha University (a first-time sponsor).

We are delighted to have CMU, the University of Pennsylvania, Singapore Management University, Louisiana State University, Plaksha University, IISc Bangalore, the University of Queensland/IIT-Delhi (UQ IITD) Academy of Research, IIT Delhi, IIT Bombay, IIT Hyderabad, IIT Kharagpur, IIT Madras, IIT Jammu, IIIT Delhi, IIIT Hyderabad, IIIT Bangalore, BMS College of Engineering, and the Dhirubhai Ambani Institute for Information and Communication Technology as university partners. We are delighted to continue our relationship with IEEE who are the technical co-sponsors of COMSNETS again through the IEEE Communications Society. We are grateful to ACM for their continued support, through the SIGCOMM and SIGMOBILE special interest groups. ACM SIGCOMM and ACM SIGMOBILE along with LRN Foundation have continued to underwrite the student travel grants for the conference as in the past years and we are extremely grateful to them. Thanks to their generous support, COMSNETS 2022 will have a record number of students' participation! We also welcome the technical partners TSDSI and IEEE Future Networks Society.

Finally, we would like to appreciate the tireless efforts of our student volunteers. The challenge of holding a hybrid event (physical and virtual participation) cannot be underestimated, and the hard work and dedication of these volunteers was critical to making it possible.

We welcome you to COMSNETS 2022, and hope that you are able to take full advantage of all this conference has to offer - whether you are attending in person or remotely.



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