



THE 27TH IEEE INTERNATIONAL SYMPOSIUM
ON LOCAL AND METROPOLITAN AREA NETWORKS
12-13 JULY 2021

Message from the TPC Chairs

We are pleased to welcome you to IEEE LANMAN 2021, the 27th IEEE International Symposium on Local and Metropolitan Area Networks. LANMAN began as a workshop focused on local networking technologies, but over two and a half decades has grown into a full-fledged symposium covering a broad range of networking topics.

LANMAN 2021 features a central theme chosen to illustrate some of the key challenges facing networks today. This year's theme is "*Networking in the new normal.*" The COVID-19 pandemic has changed the world to a new normal. Not only are research, business, education, and entertainment being shifted online, but also many of our daily activities are. Recent technological advances in networking present unique opportunities to bring us to this new normal. At the same time, they still pose numerous challenges to be addressed, such as scalable and pervasive connectivity, sustainable networking, and new application paradigms for online activities. We have selected a program that broadly reflects this theme, its key challenges, and broader topics in networking.

For this year's virtual conference, we have received 22 full-length paper submissions. The technical program committee, which consisted of 40 experts in the field, reviewed each submission; each full-length paper submission received at least 3 reviews, with the vast majority receiving 4 reviews. Based on the reviewer recommendations, we selected a program with 9 full-length papers and recommended 4 papers to be published as short papers.

The program also features two keynote speeches, four invited talks, and a panel. The keynote talks are by Dr. Sujata Banerjee (VMware Research) and Professor Adrian Perrig (ETH Zurich). Four additional invited talks are included in the program, by Professor Aruna Balasubramanian (Stony Brook University), Professor Theophilus Benson (Brown University), Dr. Alfonso de la Rocha (Protocols Labs), and Dr. Diep N. Nguyen (University

of Technology Sydney, Australia). The panel on “Networking in the new normal: The past, present, and future” is organized and moderated by Professor Muhammad Shahbaz (Purdue University), and includes a distinguished set of panelists representing both industry and academia.

Creating a program for a high-quality symposium is a team effort, and we are grateful to everyone who has contributed. We would like to thank the general chairs, Koushik Kar and Stratis Ioannidis, and the steering committee for their continued guidance. We also thank Mauro Sardara for handling the website, Grace Liu for managing the proceedings, Pedram Johari and Debashri Roy for organizing the poster session and managing the online platform, and Tina Gaerlan for her invaluable efforts to ensure that the symposium is a success. We are grateful to the members of the technical program committee for their dedication to reviewing papers. Most of all, we would like to thank the authors who have submitted their work to this year’s LANMAN conference.

We hope you enjoy IEEE LANMAN 2021!



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