

PACMNET V3, N2, June 2025 Editorial

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MARCO MELLIA, Politecnico di Torino, Italy

ANDRA LUTU, Telefonica Research, Spain

YING ZHANG, Meta Inc., US

The Proceedings of the ACM on Networking (PACMNET) series showcases top-tier research in emerging computer networks and their applications. We welcome submissions introducing new technologies, innovative experiments, creative applications of networking technologies, and fresh insights gained through analysis. Supported by the ACM Special Interest Group on Communications and Computer Networks (SIGCOMM), the journal is backed by a distinguished Editorial Board composed of leading researchers in the field.

This issue is a part of the third volume of PACMNET. It features five articles, all submitted by the December 2024 deadline, when a total of 75 submissions were received. Each submission underwent a thorough review process involving more than 90 Editors, coordinated by two Associate Editors. In the initial phase, every article received a minimum of three reviews. Following an online discussion, roughly half of the submissions were rejected, while the other half advanced to a second review phase. In this phase, Editors produced at least two additional reviews per article. After a second discussion phase, the Editors met online to decide which articles to accept after a minor revision, which to offer a "one-shot-major" revision opportunity, and which to reject. Nine articles have been offered a one-shot major revision option, while five have been accepted. These have been revised by their authors based on the extensive feedback provided by the Editors who checked the revised version after modifications. The issue covers topics related to computer networks and their applications: one article introduces a high-performance datapath library for NICs, one article introduces a system for detecting BGP anomalies, one article presents a thorough measurements study on EDNS0 Client Subnet (ECS), one article studies QUIC implementations, and one article discusses real-world performance of beam management in 5G mmWave networks.

We want to express our gratitude to all those who contributed to this issue of PACMNET, especially the Authors for submitting their finest work and the Associate Editors for offering valuable feedback in their reviews and engaging in the discussions. Our thanks also go to the SIGCOMM Executive Committee Chair and the CoNEXT Steering Committee members for their continued support and guidance, providing essential suggestions and insights throughout the article selection process.

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Authors' addresses: Marco Mellia, Politecnico di Torino, Italy, marco.mellia@polito.it; Andra Lutu, Telefonica Research, Spain, andra.lutu@telefonica.com; Ying Zhang, Meta Inc., US, zhangying@meta.com.

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