Welcome

1st SIGCOMM Workshop on eBPF and Kernel Extensions
Workshop Goals

- We aim to offer a dedicated space for academic work in this area, fostering collaboration between academics and industry professionals (given the abundance of industry-focused venues).
- Facilitate interdisciplinary discussions on problems and solutions.
- Offer a valuable opportunity for learning, networking, and exchanging ideas within the same community.
Organizing Committee

Sebastiano Miano
Politecnico di Milano, Italy

Srinivas Narayana
Rutgers University, USA

Gianni Antichi
Politecnico di Milano, Italy

Aurojit Panda
New York University, USA
Technical Program Committee – 20 Members

Anirudh Sivaraman (NYU)
Ben Pfaff (Feldera)
Elazar Gershuni (Technion)
Fulvio Risso (Politecnico di Torino)
Gábor Rétvári (Budapest University of Technology and Economics)
Neil Spring (Meta)
Olivier Bonaventure (UCLouvain)
Palanivel Kodeswaran (IBM Research India)
Paul Chaignon (Isovalent)
Quentin De Coninck (UCLouvain)
Roberto Bifulco (NEC Laboratories Europe)
Ryan Stutsman (University of Utah)
Santosh Nagarakatte (Rutgers University)
Sayandeep Sen (IBM Research India)
Simone Ferlin-Reiter (Ericsson AB)
Tamás Lévai (Budapest University of Technology and Economics)
Theophilus Benson (Carnegie Mellon University)
Toke Høiland-Jørgensen (Red Hat)
Tom Barbette (UCLouvain)
Xiaoqi Chen (Princeton University)
Review Process

• All submissions were **double-blind**
• Every paper received 3 reviews
• Online discussion

**Review Statistics**

• 21 paper submissions (18 full papers, 3 extended abstracts)
• 12 accepted full papers
• 3 accepted extended abstract
Program Overview

- 4 paper sessions
  1. Telemetry for Networking (Chair: Gianni Antichi)
  2. New Use Cases (Chair: Xiaoqi Chen)
  3. Security for eBPF (Chair: Tamas Levai)
  4. eBPF for Security (Chair: Aurojit Panda)
- 2 keynotes
  - Daniel Borkmann
  - Theophilus Benson
- 10-min break after every session
- Lunch @12:30pm
Keynote #1 – Daniel Borkmann

eBPF - The Silent Platform Revolution from Cloud Native

Daniel Borkmann
A Tale of Two eBPFs: Towards eBPF Management Frameworks for the Rest of Us
Thanks to…

- Authors and speakers
- Attendees
- PC members
- SIGCOMM Workshop chair and organizing committee
- Tech staff
Feedback is welcome!

- We will send out a survey to gather feedback for improvement
- We welcome your suggestions and thoughts on the program and organization of the workshop!
  - Honest feedback will help us improve for next year