

Linux Plumbers Conference 2025

Saturday 13 December 2025

Networking Track - "Main Hall A" (09:00 - 18:30)

-Conveners: Paolo Abeni

time	[id] title	presenter
10:00	[483] Networking track kick-off	KICINSKI, Jakub
10:25	[441] SUPERp: Scale UP EtherRnet Protocol	HERBERT, Tom
11:00	[434] Experiments in Using AI to Enhance the Linux Spanning Tree Protocol (STP)	HEMMINGER, Stephen
11:30	Coffee break	
12:00	[462] Locality-Aware, Self-Adjusting Data Structures: A Case Study in Linux Firewalls	KÖPPELER, Jonas
12:30	[458] Congestion Signaling (CSIG) for Linux TCP Data Center Networking	SHARMA, Sagarika
13:00	[331] Running PTP at scale:	FEDORENKO, Vadim
13:30	Lunch Break	
15:05	[383] Packet Metadata - Where Are Thee?	SITNICKI, Jakub Mr FERGUSON, Willem Mr LAM, Tiago
15:40	[460] The case for zero-copy in containers: Accelerating KubeVirt and enabling memory providers	PROTOPOPOV, Anton BORKMANN, Daniel WEI, David
16:30	Coffee break	
17:00	[177] Kernel-Native Packet Processing on AMD GPUs: XDP Offload without Userspace Runtimes	YOO, Taehee
17:35	[239] Linux Networking with MANA: RX Path Optimization and Netshaper Bandwidth Control.	Mr ROY, Dipayan ERNI, Sri Satya Vennela