



# Linux Plumbers Conference 2018

## Tuesday, November 13, 2018

### Networking Track - Junior/Ballroom-C (9:00 AM - 6:00 PM)

time	[id] title	presenter
9:00 AM	[140] Welcome	
9:20 AM	[141] XDP - Challenges and Future Work	DANGAARD BROUER, Jesper HØILAND-JØRGENSEN, Toke
9:55 AM	[142] Leveraging Kernel Tables with XDP	AHERN, David
10:30 AM	Break	
11:00 AM	[143] Building Socket-aware BPF Programs	STRINGER, Joe
11:35 AM	[144] Experiences Evaluating DC-TCP	BRAKMO, Lawrence BURKOV, Boris LECLERCQ, Greg MUGAN, Murat
12:10 PM	[145] Scaling Linux Bridge Forwarding Database	PRABHU, Roopa ALEKSANDROV, Nikolay
2:00 PM	[146] P4C-XDP: Programming the Linux Kernel Forwarding Plane Using P4	RUFFY, Fabian BUDI, Mihai TU, William
2:35 PM	[147] ERSPAN Support for Linux	TU, William ROSE, Greg
3:10 PM	[148] The Path to DPDK Speeds for AF_XDP	TÖPEL, Björn KARLSSON, Magnus
3:45 PM	Break	
4:05 PM	[149] eBPF / XDP Based Firewall and Packet Filtering	DEEPAK, Anant MEHRA, Puneet HUANG, Richard
4:40 PM	[150] XDP Acceleration Using NIC Metadata, Continued	WASKIEWICZ, P. J. PARIKH, Neerav
5:15 PM	[151] Linux SCTP is Catching Up and Going Above!	LEITNER, Marcelo Ricardo LONG, Xin

# Wednesday, November 14, 2018

## Networking Track - Junior/Ballroom-C (9:00 AM - 6:00 PM)

time	[id] title	presenter
9:00 AM	[152] Daily opening, announcements, etc.	
9:20 AM	[153] Phylink and SFP: Going Beyond 1G Copper PHYs	LUNN, Andrew
9:55 AM	[154] Combining kTLS and BPF for Introspection and Policy Enforcement	BORKMANN, Daniel FASTABEND, John
10:30 AM	Break	
11:00 AM	[155] Optimizing UDP for Content Delivery with GSO, Pacing and Zerocopy	DE BRUIJN, Willem
11:35 AM	[156] Bringing the Power of eBPF to Open vSwitch	TU, William STRINGER, Joe WEI, Yi-Hung SUN, Yifeng
2:00 PM	[157] What's Happened to the World of Networking Hardware Offloads?	BRANDEBURG, Jesse JAIN, Anjali Singhai
2:35 PM	[158] XDP 1.5 Years In Production. Evolution and Lessons Learned.	SHIROKOV, Nikita V.
3:10 PM	[159] Keynote: "This Talk Is Not About XDP: From Resource Limits to SKB Lists"	MILLER, David
3:35 PM	Break	
4:00 PM	[160] TC SW Datapath: A Performance Analysis	ABENI, Paolo CARATTI, Davide CHAUDRON, Eelco LEITNER, Marcelo Ricardo
4:35 PM	[161] Using eBPF as an Abstraction for Switching	VILJOEN, Nick
5:10 PM	[162] BPF Host Network Resource Management	BRAKMO, Lawrence STAROVOITOV, Alexei
5:45 PM	[163] Closing	