# Linux Plumbers Conference 2020

# Monday, 24 August 2020

**Networking and BPF Summit** - **Networking and BPF Summit/Virtual-Room (07:00 - 11:00)**

| time | [id] title | presenter |
|------|-----------|-----------|
| 07:00 | [90] Traceloop and BPF | CREQUY, Alban<br>LÜKE, Kai |
| 07:45 | [104] Packet mark in the Cloud Native world | STRINGER, Joe |
| 08:30 | Break | |
| 09:00 | [92] Evaluation of tail call costs in eBPF | JOLY, Clément<br>SERMAN, François |
| 09:45 | [105] xen-netfront and virtio_net XDP offloading | KIRJANOV, Denis |

# Tuesday, 25 August 2020

**Networking and BPF Summit** - **Networking and BPF Summit/Virtual-Room (07:00 - 11:00)**

| time | [id] title | presenter |
|------|-----------|-----------|
| 07:00 | [82] The way to d_path helper | OLSA, Jiri |
| 07:45 | [61] NetGPU | LEMON, Jonathan |
| 08:30 | Break | |
| 09:00 | [95] Multidimensional fair-share rate limiting in BPF | OTTEN, Jonas<br>BAUER, Lorenz |
| 09:45 | [100] BPF LSM (Updates + Progress) | SINGH, KP |

# Wednesday, 26 August 2020

**Networking and BPF Summit** **- Networking and BPF Summit/Virtual-Room (07:00 - 11:00)**

| time | [id] title | presenter |
| --- | --- | --- |
| 07:00 | [68] Multiple XDP programs on a single interface - status and next steps | HØILAND-JØRGENSEN, Toke |
| 07:45 | [86] Per Thread Queues (PTQ) | HERBERT, Tom |
| 08:30 | Break | |
| 09:00 | [99] A programmable Qdisc with eBPF | WANG, Cong |
| 09:45 | [96] eBPF in kernel lockdown mode | MELO, Arnaldo |

# Thursday, 27 August 2020

<u>**Networking and BPF Summit**</u> **- Networking and BPF Summit/Virtual-Room (07:00 - 11:00)**

| time | [id] title | presenter |
|------|-----------|-----------|
| 07:00 | [87] Kubernetes service load-balancing at scale with BPF & XDP | BORKMANN, Daniel<br>PUMPUTIS, Martynas |
| 07:45 | [93] Networking Androids | ZENCZYKOWSKI, Maciej |
| 08:30 | Break | |
| 09:00 | [102] Right-sizing is hard, resizable BPF maps for optimum map size | FASTABEND, John |
| 09:45 | [103] How we built Magic Transit | HEINE, Erich<br>JONES, Connor |

# Friday, 28 August 2020

**<u>Networking and BPF Summit</u> - Networking and BPF Summit/Virtual-Room (07:00 - 11:00)**

| time | [id] title | presenter |
|------|------------|-----------|
| 07:00 | [106] Eliminating bugs in BPF JITs using automated formal verification | NELSON, Luke |
| 07:45 | [108] BPF extensible network: TCP header option, CC, and socket local storage | LAU, Martin |
| 08:30 | Break | |
| 09:00 | [107] Userspace OVS with HW Offload and AF_XDP | TU, William |