Linux Plumbers Conference 2023

Monday, 13 November 2023

LPC Refereed Track - "James River Salon D" (09:30 - 18:00)

time	[id] title	presenter
09:30	[6] Resolve and standardize early access to hardware for automotive industry with Linux	SYED MOHAMMED, Khasim
10:15	[181] Rust for Linux	OJEDA, Miguel ALMEIDA FILHO, Wedson
11:00	Break	
11:30	[7] Beginner Linux kernel maintainer's toolbox	KOZLOWSKI, Krzysztof
12:15	[27] Speeding up Kernel Testing and Debugging with virtme-ng	RIGHI, Andrea
13:00	Lunch	
14:30	[28] Emulating NT synchronization primitives in Wine	FIGURA, Zeb
15:15	[41] Optimizing sysfs and procfs	KAHER, Ajay Mr BRAHMAJOSYULA, Vamsi Krishna
16:00	Break	
16:30	[48] Powering up "discoverable bus-attached" devices on DT-based platforms	VESA, Abel
17:15	[122] Improving kexec boot time	ARIF, Usama

Tuesday, 14 November 2023

LPC Refereed Track - "James River Salon D" (09:30 - 18:00)

time	[id] title	presenter
09:30	[63] Standardising Linux DRM drivers implementations by interfacing DRM Bridge as a single API	Mr TEKI, Jagan
10:15	[65] Enabling Large Block Size devices in Linux	CHAMBERLAIN, Luis RAGHAV, Pankaj
11:00	Break	
11:30	[146] Linux Kernel Autotuning	WANG, Cong
12:15	[84] Standardizing CPUID data for the open-source x86 ecosystem	DARWISH, Ahmed S.
13:00	Lunch	
14:30	[104] Hunting Heisenbugs	MCKENNEY, Paul
15:15	[102] nouveau and kernel GPU VMA management	AIRLIE, David
16:00	Break	
16:30	[113] Putting Linux into Context – Towards a reproducible example system with Linux, Zephyr & Xen	AHMANN, Philipp
17:15	[132] Dynamic vCPU priority boosting in KVM for latency sensitive workloads	FERNANDES, Joel Mr REMANAN PILLAI, Vineeth

Wednesday, 15 November 2023

LPC Refereed Track - "James River Salon D" (09:30 - 18:00)

time	[id] title	presenter
09:30	[151] Syzbot: 7 years of continuous kernel fuzzing	NOGIKH, Aleksandr
10:15	[155] Linux Virtualization Based Security (LVBS)	MORRIS, James SALAÜN, Mickaël GOPINATH, Thara
11:00	Break	
11:30	[164] Is Linux Suspend ready for the next decade?	BROWN, Len WYSOCKI, Rafael Mr BRANDT, Todd
12:15	[182] Encryption for filesystems with advanced features: new fscrypt functionality	DORMINY, Sweet Tea
13:00	Lunch	
14:30	[176] Trust, confidentiality, and hardening: the virtio lessons	TSIRKIN, Michael S. HAJNOCZI, Stefan
15:15	[137] Using hardware hints for optimal page placement	Mr RAO, Bharata Bhasker
16:00	Break	
16:30	[144] Linux perf tool metrics	ROGERS, Ian Ms WANG, Weilin
17:15	[71] Ship your Critical Section, Not Your Data: Enabling Transparent Delegation with TCLocks	GUPTA, Vishal