Linux Plumbers Conference 2025

Thursday 11 December 2025

LPC Refereed Track: Refereed Track - Hall A1 (330) (10:00 - 18:30)

   -Conveners: Kate Stewart; Shuah Khan

time	[id] title	presenter
10:00	[166] Multikernel Architecture: Kernel-to-Kernel Isolation and Resource Management	WANG, Cong
10:45	[236] Measuring Test Coverage of Kernel Object Code	OPPELT, Andrew
11:30	Coffee Break	
12:00	[257] Rust for Linux	OJEDA, Miguel
12:45	[192] From Concerns to Code: On Rust Driver Infrastructure and Maintenance	Mr KRUMMRICH, Danilo
13:30	Lunch Break	
15:00	[105] RV and the deadline scheduler: how to verify your subsystem at runtime	MONACO, Gabriele LELLI, Juri
15:45	[93] Path Safety in the Trenches	SARAI, Aleksa
16:30	Coffee Break	
17:00	[235] Adding Testable Code Specifications in the Linux Kernel	WOLBER, Chuck PAOLONI, Gabriele STEWART, Kate
17:45	[262] Automating Linux Kernel Documentation for Safety-Critical Compliance through Large Language Models	STENSLAND, Grant STANLEY, Justin RICKS, Morgan HILLIARD, Toby ICE, Tom

Friday 12 December 2025

LPC Refereed Track: Refereed Track - "Hall A1 (330)" (10:00 - 18:30)

 -Conveners: Kate Stewart; Shuah Khan

time	[id] title	presenter
10:00	[27] One year into the new KernelCI	Mr PADOVAN, Gustavo
10:45	[272] Feedback Style and Engineer Productivity	JAHNKE, Calvin TSAO, Carolyn NYEKI, Gabor
11:30	Coffee Break	
12:00	[208] Userspace Assisted Scheduling via Sched QoS	STULTZ, John Mr YOUSEF, Qais ROSTEDT, Steven GUITTOT, Vincent
12:45	[261] SFrame for Arm64 Reliable Stacktrace	HATCH, Dylan LIU, Weinan
13:30	Lunch Break	
15:00	[50] TPMs and the Linux Kernel: unlocking a better path to hardware security	KORCHAGIN, Ignat
15:45	[128] One Decade of Commit Rights in DRM	VETTER, Simona
16:30	Coffee Break	
17:00	[95] Page-level and Fleet-wide Data Access Monitoring for Meta	PARK, SeongJae
17:45	[250] Enabling AMD 2D Hardware Acceleration for Video API and Applications	CHIU, Solomon

Saturday 13 December 2025

LPC Refereed Track - "Hall A1 (330)" (10:00 - 18:30)

   -Conveners: Kate Stewart; Shuah Khan

time	[id] title	presenter
10:00	[141] Beyond the Demo Kernel: Mapping BSPs to Mainline	CARMINATI, Alessandro
10:45	[224] Rethinking Linux tools with Compact Debuginfo Formats	BRENNAN, Stephen
11:30	Coffee Break	
12:00	[209] Perf tools updates and beyond	KIM, Namhyung
12:45	[85] Meminspect - Kernel memory selection and inspection mechanism	HRISTEV, Eugen
13:30	Lunch Break	
15:00	[202] Linux Tracing updates	Mr HIRAMATSU, Masami
15:45	[238] A (Simple) Hazard Pointer Update	FENG, Boqun MCKENNEY, Paul
16:30	Coffee Break	
17:00	[266] Demystifying Linux NPU Subsystem: From Vision to LLM at Edge	Mr TEKI, Jagan
17:45	[51] Power Management and USB Fuzzing: A Modular Approach to Kernel Coverage During Suspend Crashes	Mr RAMOS, DARRION Ms SIVER, VICTORIA Dr BAI, Ken Yihang Dr YAVUZ, Tuba