



# Linux Plumbers Conference 2021

## Monday, September 20, 2021

### LPC Refereed Track - Refereed Track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[77] Rust in the Linux ecosystem	OJEDA, Miguel
8:00 AM	[45] rustc_codegen_gcc: A gcc codegen for the Rust compiler	BOUCHER, Antoni
9:00 AM	[54] GCC Front-End for Rust	HERRON, Philip
10:00 AM	[70] Formalizing Kernel Synchronization Primitives with PREEMPT_RT	DARWISH, Ahmed S.

# Tuesday, September 21, 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[21] Understanding motivations, goals and challenges faced by the Linux Kernel contributors	TRINKENREICH, Bianca
8:00 AM	[79] Adding features to perf using BPF	CARVALHO DE MELO, Arnaldo LIU, Song KIM, Namhyung
9:00 AM	[74] Overview of memory reclaim in the current upstream kernel	BABKA, Vlastimil
10:00 AM	[31] Strange kernel performance changes - analysis and mitigation	Mr TANG, Feng

# Wednesday, September 22, 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[75] io_uring: BPF controlled I/O	BEGUNKOV, Pavel
8:00 AM	[65] The Case for Memory Segregation	MARKUZE, Alex
9:00 AM	[83] systemd-oomd: PSI-based OOM kills in systemd	ZHANG, Anita
10:00 AM	[32] A maintainable, scalable, and verifiable SW architectural design model for the Linux Kernel	Mr PAOLONI, Gabriele Mr BRISTOT DE OLIVEIRA, Daniel

# Thursday, September 23, 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[47] Linux and Zephyr interoperability - the start of a beautiful relationship	KUCHERIA, Amit
8:00 AM	[20] The forefront of the development for NVDIMM on Linux Kernel	Mr GOTO, Yasunori Mr RUAN, Shiyang
9:00 AM	[16] So you want to torture RCU?	MCKENNEY, Paul
10:00 AM	[52] Protection Key Supervisor (PKS)	EDGECOMBE, Rick

# Friday, September 24, 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[40] Compute Express Link + Linux + QEMU = Yes	WIDAWSKY, Ben
8:00 AM	[49] Bootconfig and kernel cmdline	HIRAMATSU, Masami
9:00 AM	[55] Guider: Linux Tracing using Python	LEE, Peace
10:00 AM	[87] Measuring Code Review in the Linux Kernel Development Process	Ms ERDAMAR, Başak BULWAHN, Lukas