



# Linux Plumbers Conference 2021

## Monday 20 September 2021

### LPC Refereed Track - Refereed Track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[77] Rust in the Linux ecosystem	OJEDA, Miguel
08:00	[45] rustc_codegen_gcc: A gcc codegen for the Rust compiler	BOUCHER, Antoni
09:00	[54] GCC Front-End for Rust	HERRON, Philip
10:00	[70] Formalizing Kernel Synchronization Primitives with PREEMPT_RT	DARWISH, Ahmed S.

# Tuesday 21 September 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[21] Understanding motivations, goals and challenges faced by the Linux Kernel contributors	TRINKENREICH, Bianca
08:00	[79] Adding features to perf using BPF	CARVALHO DE MELO, Arnaldo LIU, Song KIM, Namhyung
09:00	[74] Overview of memory reclaim in the current upstream kernel	BABKA, Vlastimil
10:00	[31] Strange kernel performance changes - analysis and mitigation	Mr TANG, Feng

# Wednesday 22 September 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[75] io_uring: BPF controlled I/O	BEGUNKOV, Pavel
08:00	[65] The Case for Memory Segregation	MARKUZE, Alex
09:00	[83] systemd-oomd: PSI-based OOM kills in systemd	ZHANG, Anita
10:00	[32] A maintainable, scalable, and verifiable SW architectural design model for the Linux Kernel	Mr PAOLONI, Gabriele Mr BRISTOT DE OLIVEIRA, Daniel

# Thursday 23 September 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[47] Linux and Zephyr interoperability - the start of a beautiful relationship	KUCHERIA, Amit
08:00	[20] The forefront of the development for NVDIMM on Linux Kernel	Mr GOTO, Yasunori Mr RUAN, Shiyang
09:00	[16] So you want to torture RCU?	MCKENNEY, Paul
10:00	[52] Protection Key Supervisor (PKS)	EDGECOMBE, Rick

# Friday 24 September 2021

## LPC Refereed Track - Refereed Track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[40] Compute Express Link + Linux + QEMU = Yes	WIDAWSKY, Ben
08:00	[49] Bootconfig and kernel cmdline	HIRAMATSU, Masami
09:00	[55] Guider: Linux Tracing using Python	LEE, Peace
10:00	[87] Measuring Code Review in the Linux Kernel Development Process	Ms ERDAMAR, Başak BULWAHN, Lukas