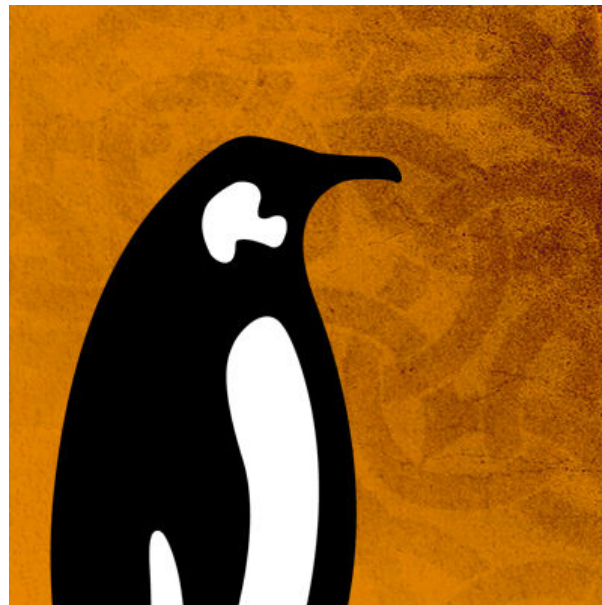


Session Program

Sep 12 - 14, 2022



Linux Plumbers Conference 2022

Toolchains

Wed, September 14

9:55 AM

Toolchains

Session | **Location:** Clayton Hotel on Burlington Road, "Ulster & Munster"

9:55 - 10:00 AM Toolchain Track Welcome

Speakers

Jose E. Marchesi, Nick Desaulniers

10:00 - 10:45 AM Where are we on security features?

Speakers

Kees Cook, Qing Zhao

10:45 - 11:30 AM Status Report: Broken Dependency Orderings in the Linux Kernel

Speakers

Marco Elver, Paul Heidekrüger

11:30 AM - 12:00 PM Break

12:00 - 12:45 PM GCC's -fanalyzer and the Linux kernel

Speaker

David Malcolm

12:45 - 1:30 PM Kernel ABI Monitoring and Toolchain Support

Speakers

Mr Dodji Seketeli, Mr Giuliano Procida, Mr Guillermo E. Martinez, Mr Matthias Männich

1:30 - 3:00 PM Lunch

3:00 - 3:45 PM Programmable debuggers and the Linux kernel (drgn, GDB+poke)

Speakers

Elena Zannoni, Jose E. Marchesi, Stephen Brennan

3:45 - 4:05 PM CTF Frame in the Linux kernel

Speaker

Indu Bhagat

4:05 - 4:30 PM Toolchain support for objtool in the Linux kernel

Speaker

Josh Poimboeuf

4:30 - 5:00 PM Break

5:00 - 5:45 PM Linux Kernel Control-Flow Integrity Support

Speakers

Joao Moreira, Mark Rutland, Peter Zijlstra, Sami Tolvanen

6:30 PM