



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Dipartimento di Scienze Fisiche,
Informatiche e Matematiche

Technical talk

Kernel bug hunting

Speaker

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Canonical

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Room L1.3, First Floor, **Physics Building**, FIM Department

Abstract

Debugging is an essential part of Linux kernel development. In user-space we have the support of the kernel and many debugging tools, tracking down a kernel bug, instead, can be very difficult if you don't know the proper methodologies. This talk will cover some techniques to understand how the kernel works, hunt down and fix kernel bugs in order to become a better kernel developer.

Bio

Andrea Righi works as a kernel engineer in the Kernel Team at Canonical. He is specialized in operating systems, embedded systems, virtualization solutions and performance analysis.

Andrea has contributed to many open-source projects, with a particular interest in the Linux kernel. As an outcome of his development efforts he implemented the cgroup-io-throttle patch set, that ultimately evolved into the blkio cgroup controller (currently merged in the mainline kernel).