

Simulacron-3

21:15

01:00

Day: 4

Track: Hardware & Making

Chef: 2433

Lindworm: 5463

Emergence: 112

Security: 110

Heaven: 1023

Speakers

Desk:

1020

Title: **FPGAs for everyone**

Subtitle: Integrating FPGAs with standard personal computers

Speaker: **byterazor**

Short: *FPGAs are becoming more and more common in research and industrial projects. They are mostly used to accelerate problems of High Performance Computing. But standard personal computers can also benefit from them, e.g. with cryptographic accelerators, additional processor cores, hardware for special projects. This talk describes possible benefits for FPGAs in General Purpose Computing, and their requirements to the FPGA Host connection and the operating system support.*