

Simulacron-3	21:15	01:00	Day: 4	Track: Hardware & Making	en
Chef: 2433	Lindworm: 5463	Emergency: 112	Security: 110	Heaven: 1023	Speakers Desk: 1020
Translation (check if available): 8012	Info Desk: 1111				
		Technical Coordinator: 1621			

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.*