

Simulacron-3

11:15

00:30

Day: 3

Track: Science

en

Chef: 2433

Lindworm: 5463

Emergency: 112

Security: 110

Heaven: 1023

Speakers Desk: 1020

Info Desk: 1111

Translation: 8012

Title: **Crypto Dawn**

Subtitle: A To Do list for Cyptographic Research and Implementations

Speaker: **ruedi**

**Short:** *Crypto seems to be the last line of defence in a wired world. "We mustimplement it, actively research it." (Eduard Snowden). So let us at least discuss some To Do things. How we can eliminate weak crypto algorithms from the last millennium from our daily protocols? How can we deal with the standardisation mess in the field of elliptic curves cryptography? Which protocols and algorithms are needed in a post quantum world? How "opportunistic" should we encrypt the masses? Could we provide a "moral, philosophical and technical commitment to enforce and defend our liberties" Eduard Snowden has ask us for?*