

ELC

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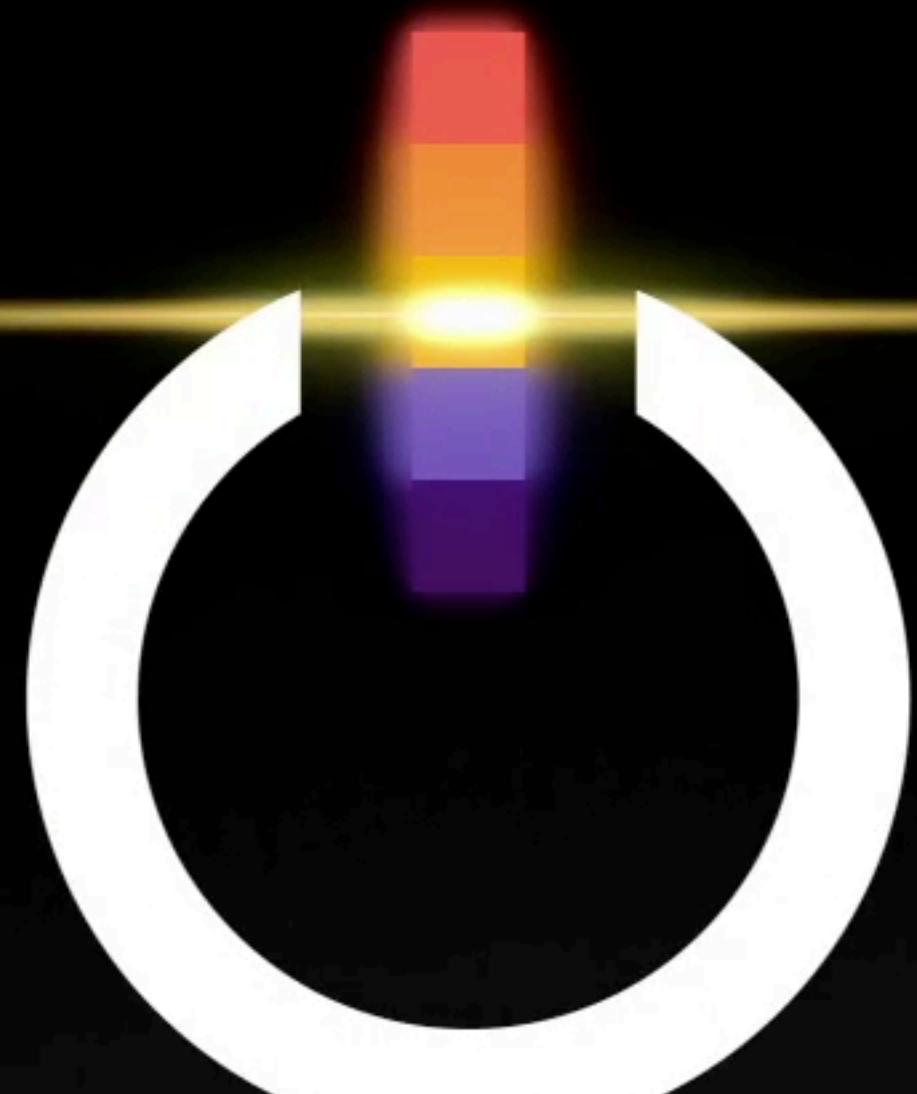


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#6120

Andrea Barisani

**Practical EMV PIN interception  
and fraud detection**



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gannimo

## Code Pointer Integrity

... or how we battle the daemons of memory safety



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Rudolf Marek

## **AMD x86 SMU firmware analysis**

Do you care about Matroshka processors?



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Andrea Barisani

## **Forging the USB armory**

Creating an open source secure flash-drive-sized computer

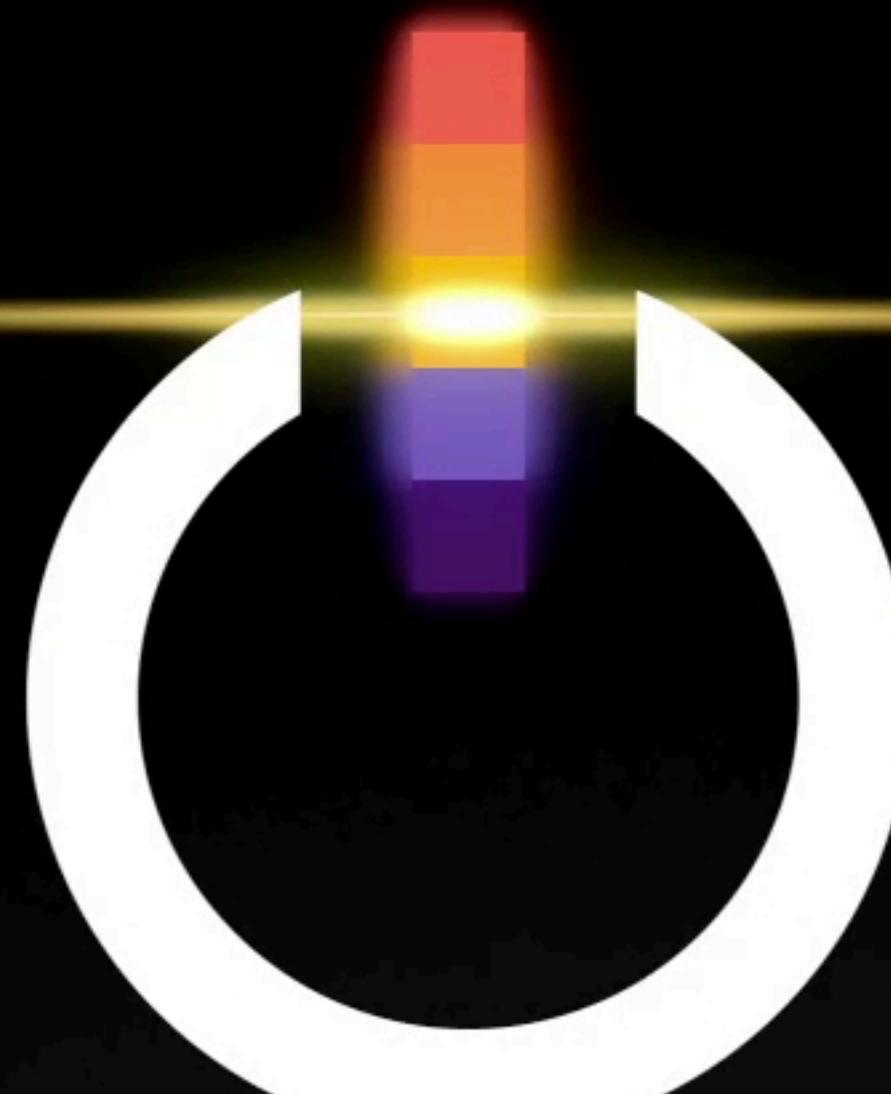


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Rafal Wojtczuk, Corey Kallenberg

**Attacks on UEFI security,  
inspired by Darth Venamis's  
misery and Speed Racer**



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Trammell Hudson

**EFI bootkits for Apple MacBooks**



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Zakir Durumeric

## The Matter of Heartbleed

What went wrong, how the Internet reacted, what we can learn for the future



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#6212

Nick Sullivan

## **Heartache and Heartbleed: The insider's perspective on the aftermath of Heartbleed**

The untold story of what really happened, how it was patched and what was learned.



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Netanel Rubin

**The Perl Jam: Exploiting a 20  
Year-old Vulnerability**



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Peter Sewell

**Why are computers so @#!\*, and  
what can we do about it?**



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Jacob, Laura Poitras

## **Reconstructing narratives**

transparency in the service of justice



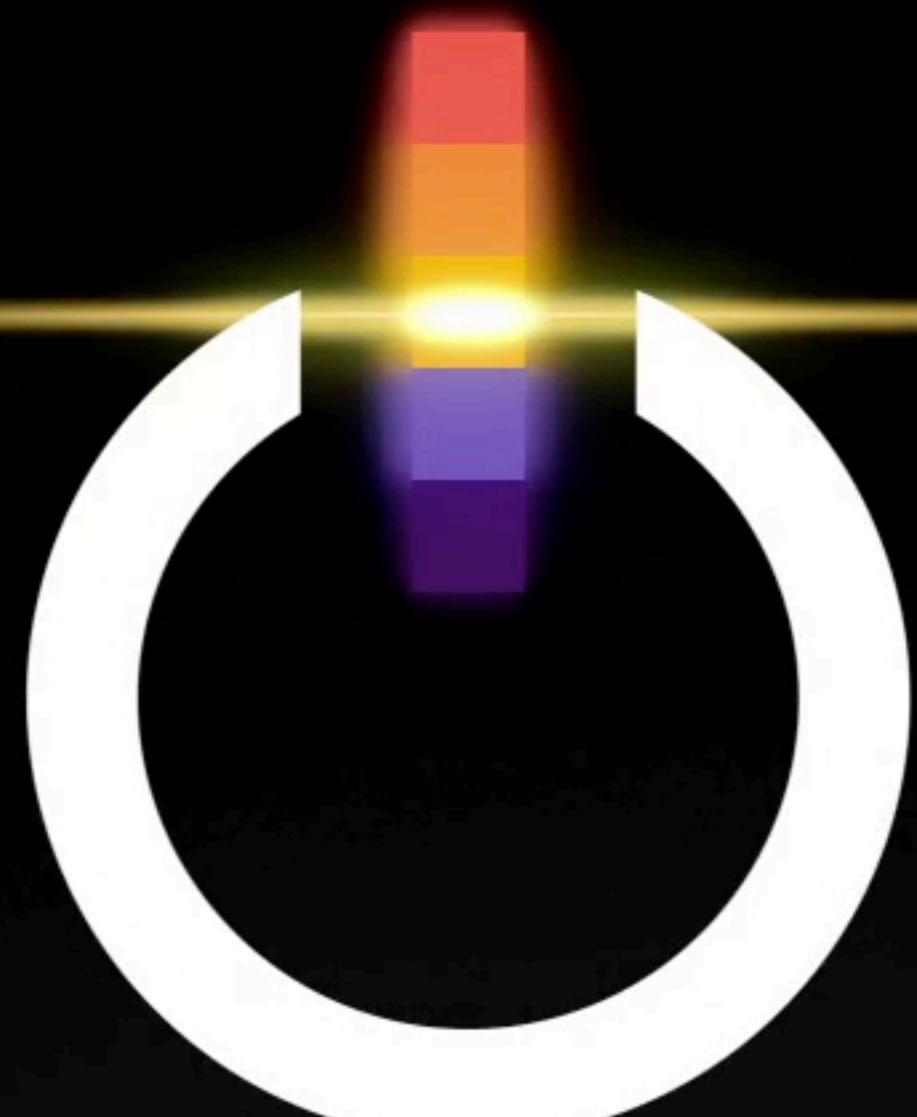
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Mike Perry, Seth Schoen, Hans Steiner

## Reproducible Builds

Moving Beyond Single Points of Failure for Software Distribution



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Tobias Engel

## **SS7: Locate. Track. Manipulate.**

You have a tracking device in your pocket

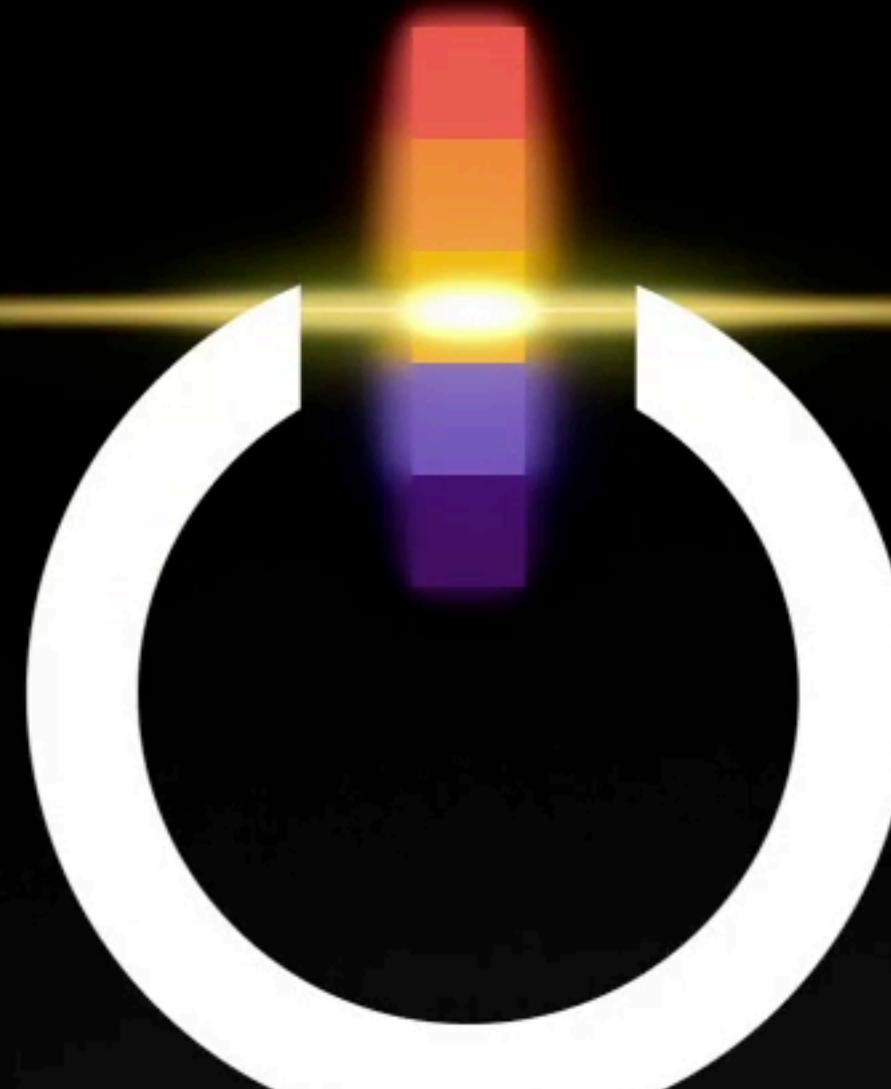


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Karsten Nohl

**Mobile self-defense**



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Laurent Ghigoni, Alexandre De  
Oliveira

**SS7map : mapping vulnerability  
of the international mobile  
roaming infrastructure**



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#5997

Ange Albertini

**Preserving arcade games**



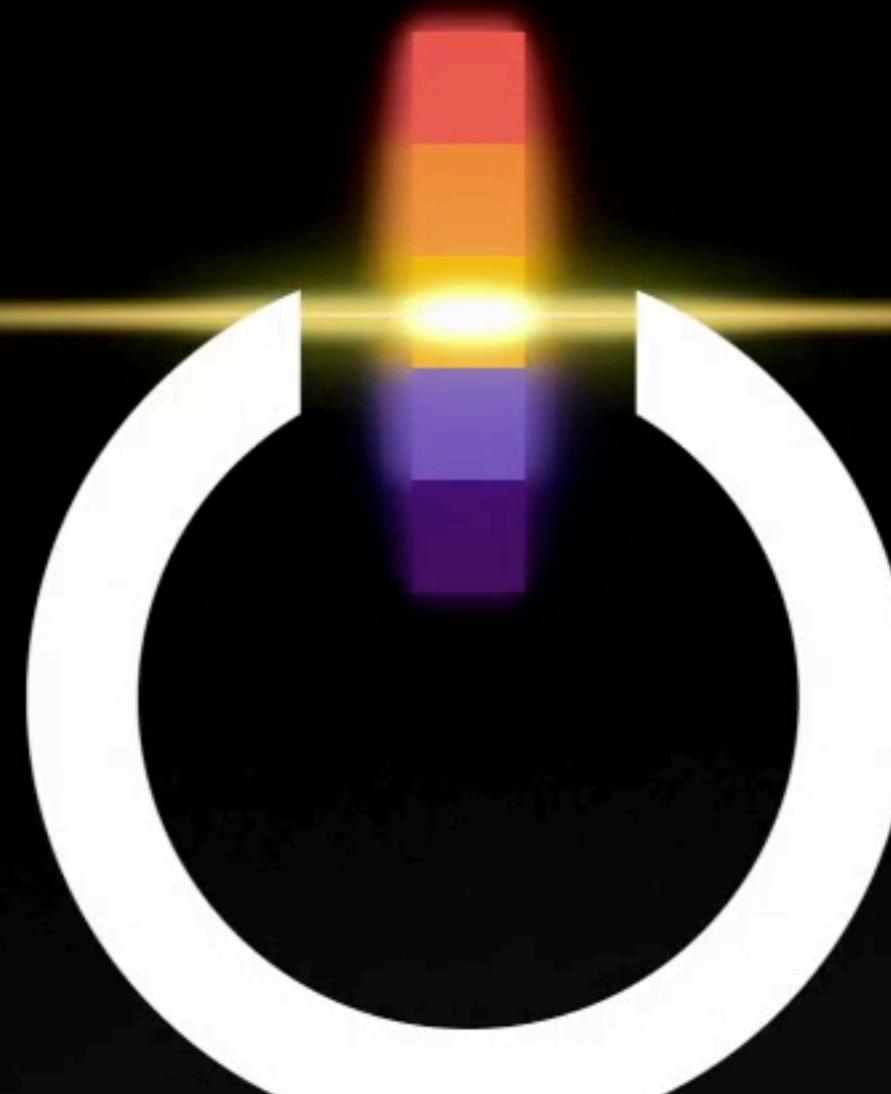
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Seth Schoen

## Let's Encrypt

A Free Robotic Certificate Authority



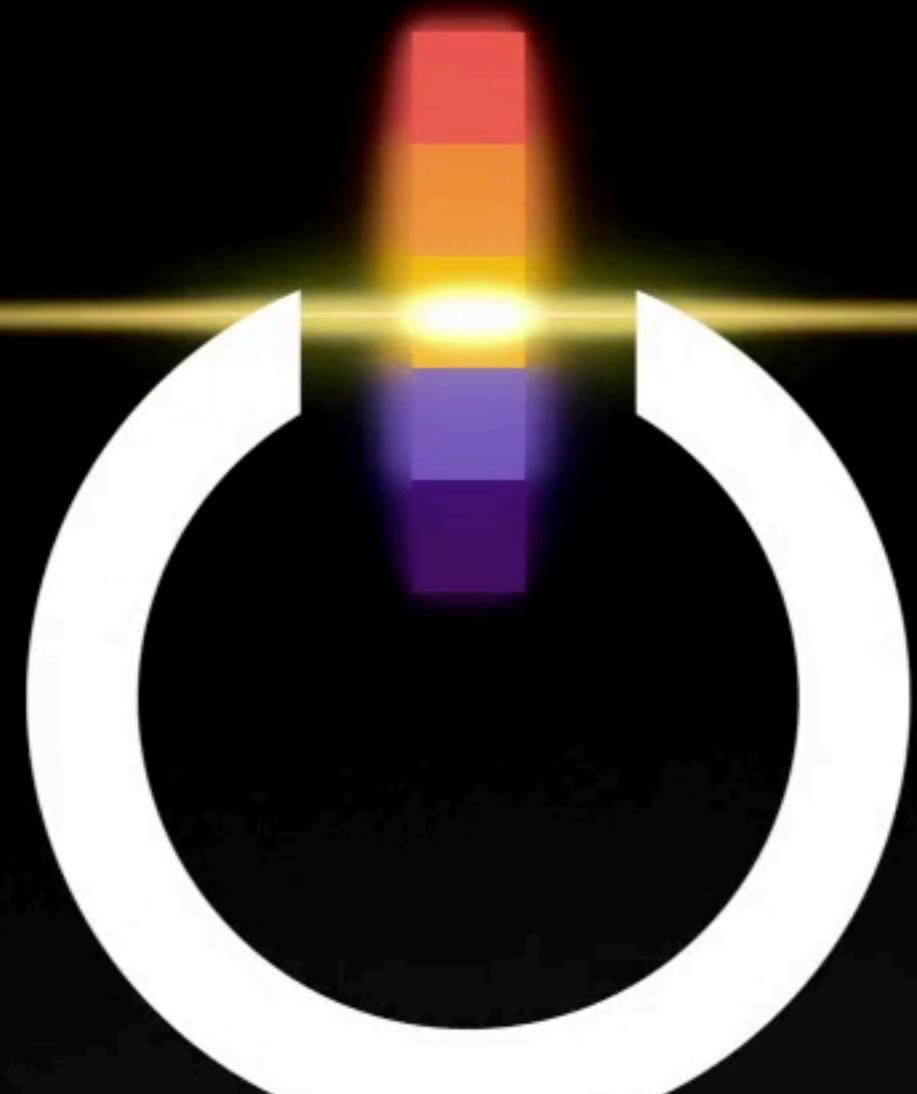
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Sebastian Schinzel

## **Revisiting SSL/TLS Implementations**

New Bleichenbacher Side Channels and Attacks



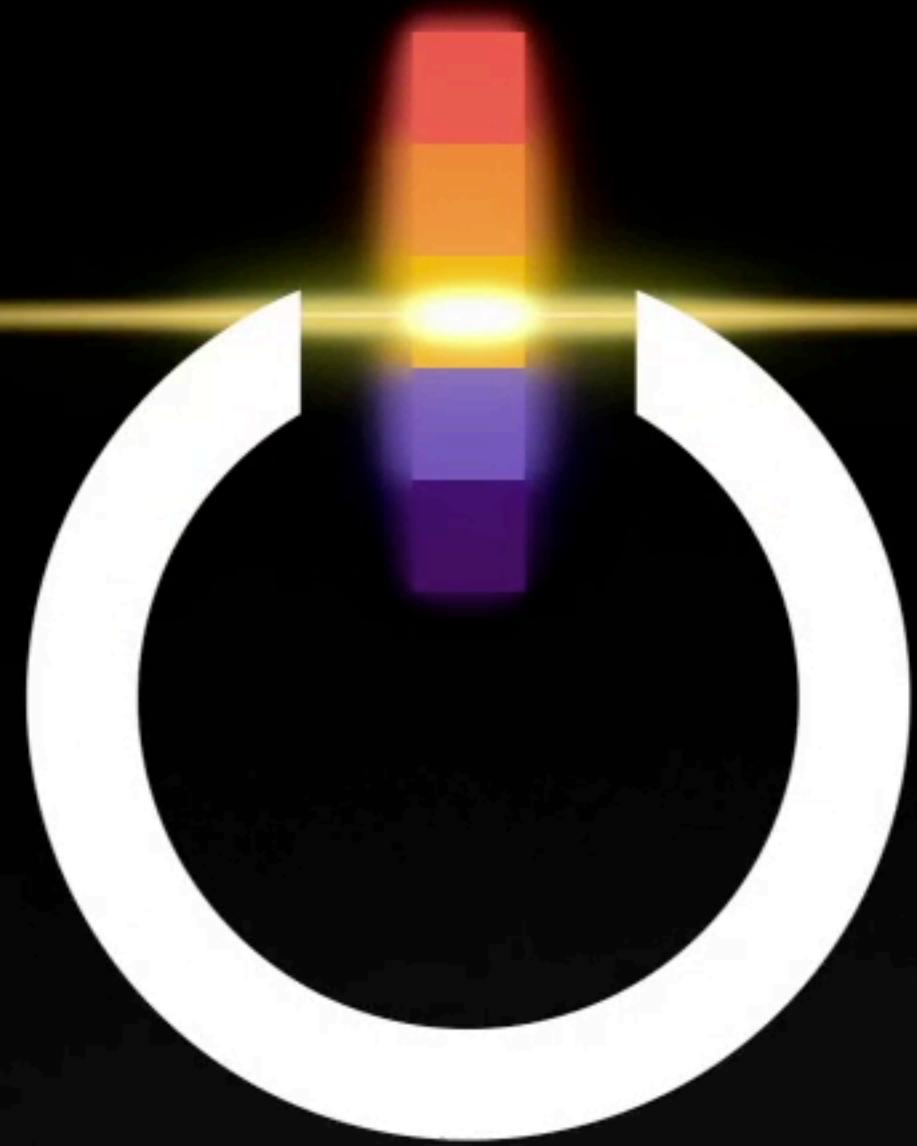
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Arne Padmos

## **Why is GPG "damn near unusable"?**

An overview of usable security research



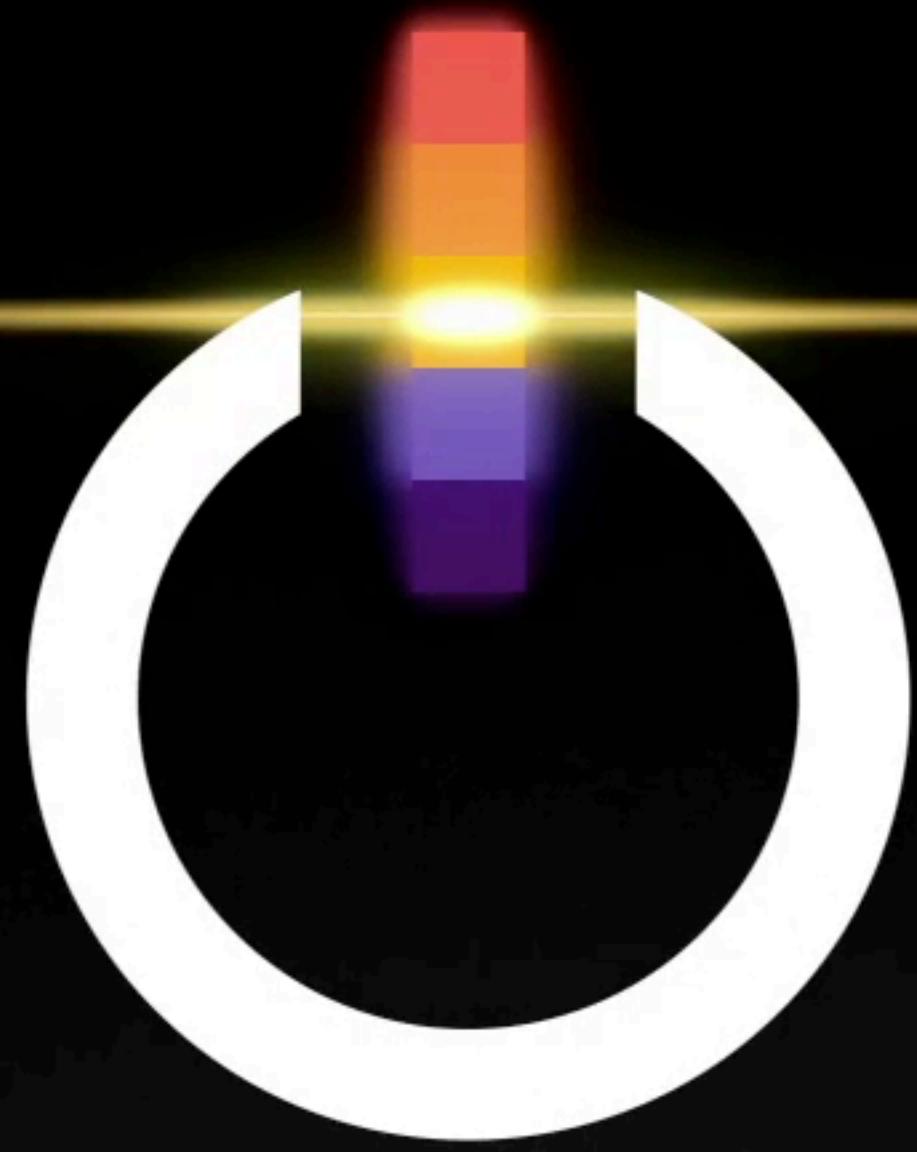
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djb, Tanja Lange

## **ECCHacks**

A gentle introduction to elliptic-curve cryptography



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starbug

**Ich sehe, also bin ich ... Du**

Gefahren von Kameras fuer (biometrische)  
Authentifizierungsverfahren

# Links

3IC3: <http://events.ccc.de/congress/2014/>

Recordings: <https://media.ccc.de/browse/congress/2014/>

## **Recommended Talks:**

Practical EMV PIN interception and fraud detection

Code Pointer Integrity

AMD x86 SMU firmware analysis

Forging the USB armory

Attacks on UEFI security, inspired by Darth Venamis's misery and Speed Racer

Heartache and Heartbleed: The insider's perspective on the aftermath of Heartbleed

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The Perl Jam: Exploiting a 20 Year-old Vulnerability

Why are computers so @#!\*, and what can we do about it?

Thunderstrike: EFI bootkits for Apple MacBooks

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Reproducible Builds

SS7: Locate. Track. Manipulate.

Mobile self-defense

SS7Map

Preserving arcade games

Let's Encrypt

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Why is GPG "damn near unusable"?

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