

start: **10:45** end: **11:35**

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Facebook, Dynamite, Uber, Bombs, and You

Lana Brindley

Facebook, Dynamite, Uber, Bombs, and You

Lana Brindley

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The Internet: Protecting Our Democratic Lifeline

Brett Sheffield

The Internet: Protecting Our Democratic Lifeline

Brett Sheffield

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Privacy and Transparency in VPN industry

Ruben Rubio Rey

Privacy and Transparency in VPN industry

Ruben Rubio Rey

Veyepar: TalkSigns.rfxml

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Authentication Afterlife: the dark side of making lost password recovery harder

Ewen McNeill

Authentication Afterlife: the dark side of making lost password recovery harder

Ewen McNeill

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You Shall Not Pass

Peter Burnett

You Shall Not Pass

Peter Burnett

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An intro to improving the security of your code with free analysis tools

Jason C Cohen

An intro to improving the security of your code with free analysis tools

Jason C Cohen

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The Psychology of Multi-Factor Authentication

William Brown

The Psychology of Multi-Factor Authentication

William Brown

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Evolution of Linux Containers to Container Native Storage...

sameer kandarkar

Evolution of Linux Containers to Container Native Storage...

sameer kandarkar

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Dynamic Workloads need Dynamic Storage - using rook-ceph with k8s

Steven Ellis

Dynamic Workloads need Dynamic Storage - using rook-ceph with k8s

Steven Ellis

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OCiv2: Container Images Considered Harmful

Aleksa Sarai

OCiv2: Container Images Considered Harmful

Aleksa Sarai

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Kubernetes Developer Workflows in Visual Studio Code

Ivan Towlson

Kubernetes Developer Workflows in Visual Studio Code

Ivan Towlson

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The future of the desktop is on hypervisor powered containers

Alex Sharp, Anuj Dhavalikar

The future of the desktop is on hypervisor powered containers

Alex Sharp, Anuj Dhavalikar

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Every Image Has A Purpose

Allan Shone

Every Image Has A Purpose

Allan Shone

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Snek: A Python-Inspired Language for Tiny Embedded Computers

Keith Packard

Snek: A Python-Inspired Language for Tiny Embedded Computers

Keith Packard

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I Was Wrong

Karen Sandler

I Was Wrong

Karen Sandler

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The Linux network stack extension for DDoS mitigation and web security

Alexander Krizhanovsky

The Linux network stack extension for DDoS mitigation and web security

Alexander Krizhanovsky

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Planning for and handling failures from open hardware, aviation, to production at Google

Marc MERLIN

Planning for and handling failures from open hardware, aviation, to production

Marc MERLIN

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Control Flow Integrity in the Linux Kernel

Kees Cook

Control Flow Integrity in the Linux Kernel

Kees Cook

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Open Source Citizenship

Josh Simmons

Open Source Citizenship

Josh Simmons

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From bits to legs to locomotion: Building a hexapod from the ground up

Daniel McCarthy

From bits to legs to locomotion: Building a hexapod from the ground up

Daniel McCarthy

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Everything Awesome about GPU Drivers

Daniel Vetter

Everything Awesome about GPU Drivers

Daniel Vetter

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What UNIX Cost Us

Benno Rice

What UNIX Cost Us

Benno Rice

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Securing Container Runtimes -- How Hard Can It Be?

Aleksa Sarai

Securing Container Runtimes -- How Hard Can It Be?

Aleksa Sarai

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Open collaborations: leadership succession and leadership success

Ann Smith, Myk Dowling

Open collaborations: leadership succession and leadership success

Ann Smith, Myk Dowling

Veyepar: TalkSigns.rfxml

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Open AND High Performance Computing

Hugh Blemings

Open AND High Performance Computing

Hugh Blemings

Veyepar: TalkSigns.rfxml

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We know when you are sleeping: The Rise of Energy Smart Meters

Rachel Bunder

We know when you are sleeping: The Rise of Energy Smart Meters

Rachel Bunder

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Verified seL4 on secure RISC-V processors

Gernot Heiser

Verified seL4 on secure RISC-V processors

Gernot Heiser

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What Makes Decentralisation Hard? And How Do We Overcome This?

Martin Krafft

What Makes Decentralisation Hard? And How Do We Overcome This?

Martin Krafft

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Privacy is not Binary: A discussion of data systems, ethics, and human rights

Elizabeth Alpert, Amelia Radke

Privacy is not Binary: A discussion of data systems, ethics, and human rights

Elizabeth Alpert, Amelia Radke

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Desktop Linux, without a keyboard, mouse or desk

Shervin Emami

Desktop Linux, without a keyboard, mouse or desk

Shervin Emami

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Linux in the Cloud, on Prem, or... on a Mainframe?

Elizabeth K. Joseph

Linux in the Cloud, on Prem, or... on a Mainframe?

Elizabeth K. Joseph

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Automated acceptance tests for terminal applications

Roman Joost

Automated acceptance tests for terminal applications

Roman Joost

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Like, Share and Subscribe: Effective Communication of Security Advice

Serena Chen

Like, Share and Subscribe: Effective Communication of Security Advice

Serena Chen

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Good, better, breast: Building a sensing mastectomy prosthetic with open hardware

Kathy Reid

Good, better, breast: Building a sensing mastectomy prosthetic with open hard

Kathy Reid

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How internet congestion control actually works in the bufferbloat age

Dave Taht

How internet congestion control actually works in the bufferbloat age

Dave Taht

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Electronics from your Kitchen Drawer

Peter Chubb

Electronics from your Kitchen Drawer

Peter Chubb

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The Story of PulseAudio and Compress Offload

Arun Raghavan

The Story of PulseAudio and Compress Offload

Arun Raghavan

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Building a zero downtime Kubernetes cluster

Feilong Wang

Building a zero downtime Kubernetes cluster

Feilong Wang

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Piku: git push deployments to your own servers

Chris McCormick

Piku: git push deployments to your own servers

Chris McCormick

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Panfrost: Open Source meets Arm Mali GPUs

Robert Foss

Panfrost: Open Source meets Arm Mali GPUs

Robert Foss

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Clevis and Tang: securing your secrets at rest

Fraser Tweedale

Clevis and Tang: securing your secrets at rest

Fraser Tweedale

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It's All About Timing

Dave Chinner

It's All About Timing

Dave Chinner

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No Docs? No Problem! From Zero to Full Documentation in Less Time than You Think

Nathan Willis

No Docs? No Problem! From Zero to Full Documentation in Less Time than Yc

Nathan Willis

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An introduction to Penetration Testing using Kali Linux

Marcus Herstik

An introduction to Penetration Testing using Kali Linux

Marcus Herstik

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Velociraptor - Dig Deeper

Mike Cohen

Velociraptor - Dig Deeper

Mike Cohen

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Kicad for software developers

David Tulloh

Kicad for software developers

David Tulloh

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When Jargon Becomes Gibberish

Casey Schaufler

When Jargon Becomes Gibberish

Casey Schaufler

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Behind (and under) the scenes of the Meson build system

Jussi Pakkanen

Behind (and under) the scenes of the Meson build system

Jussi Pakkanen

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ROS on your robot: the tale of an inside, an outside robot and 2 arms

Ben Martin

ROS on your robot: the tale of an inside, an outside robot and 2 arms

Ben Martin

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The EU Says The Laws of Mathematics Apply in Australia

Dan Shearer

The EU Says The Laws of Mathematics Apply in Australia

Dan Shearer

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Open Source Won, but Software Freedom Hasn't Yet: A Guide & Commiseration Session for FOSS activists

Bradley M. Kuhn, Karen Sandler

Open Source Won, but Software Freedom Hasn't Yet: A Guide & Commiserati

Bradley M. Kuhn, Karen Sandler

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Large Pages in Linux

Matthew Wilcox

Large Pages in Linux

Matthew Wilcox

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Compiling Your Story: Using Techniques from Compiler Design to Check Your Narrative

Jon Manning

Compiling Your Story: Using Techniques from Compiler Design to Check Your

Jon Manning

Veyepar: TalkSigns.rfxml

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NTFS really isn't that bad

Robert Collins

NTFS really isn't that bad

Robert Collins

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Building an ethical data infrastructure

Marissa Takahashi

Building an ethical data infrastructure

Marissa Takahashi

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KUnit - Unit Testing for the Linux Kernel

Brendan Higgins

KUnit - Unit Testing for the Linux Kernel

Brendan Higgins

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Using WhatsApp as a Command Line (Breaking out of the walled Garden)

Tishampati Dhar

Using WhatsApp as a Command Line (Breaking out of the walled Garden)

Tishampati Dhar

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What Lies Beneath: What are they really tracking and how?

Anne Jessel

What Lies Beneath: What are they really tracking and how?

Anne Jessel

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Decoding battery management data - back in the old school

Paul Wayper

Decoding battery management data - back in the old school

Paul Wayper

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Collecting information with care

Opal Symes

Collecting information with care

Opal Symes

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Privacy Preserving IoT

Christopher J Biggs

Privacy Preserving IoT

Christopher J Biggs

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The Secret Life of Routers

Sachi King

The Secret Life of Routers

Sachi King

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Room scale VR tracking with OpenHMD

Jan Schmidt

Room scale VR tracking with OpenHMD

Jan Schmidt

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Advanced Stream Processing on the Edge

Eduardo Silva

Advanced Stream Processing on the Edge

Eduardo Silva

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Engineer tested, manager approved: Migrating Windows/.NET services to Linux

Katie Bell

Engineer tested, manager approved: Migrating Windows/.NET services to Linu

Katie Bell

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In-depth technical story: Fixing I/O performance for Windows guests in OpenStack Ceph clouds

Trent Lloyd

In-depth technical story: Fixing I/O performance for Windows guests in OpenSt

Trent Lloyd

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Portable, Attested, Secure Execution with Enarx

Nathaniel McCallum

Portable, Attested, Secure Execution with Enarx

Nathaniel McCallum

Veyepar: TalkSigns.rfxml

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The Ops in the Serverless

Jennifer Davis

The Ops in the Serverless

Jennifer Davis

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Playable Ads: What REALLY are they?

Evan Kohilas

Playable Ads: What REALLY are they?

Evan Kohilas

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eChronos Lyrae: A 64-bit multi-core RTOS kernel for ARM and RISC-V

Ben Leslie

eChronos Lyrae: A 64-bit multi-core RTOS kernel for ARM and RISC-V

Ben Leslie

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Musings of an Accidental Chair - change from the inside out

Lyndsey Jackson

Musings of an Accidental Chair - change from the inside out

Lyndsey Jackson

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VM block error injection, a novel approach for testing Linux storage

Tony Asleson

VM block error injection, a novel approach for testing Linux storage

Tony Asleson

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How to capture 100G Ethernet traffic at wire speed to local disk

Christoph Lameter

How to capture 100G Ethernet traffic at wire speed to local disk

Christoph Lameter

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How to Write a Retro Arcade Emulator

Josh Bassett

How to Write a Retro Arcade Emulator

Josh Bassett

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Practical Ethics: building it better in 2020 and beyond

Nicola Nye

Practical Ethics: building it better in 2020 and beyond

Nicola Nye

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A B C of 3D : Introduction to making 3D art using blender

sreenivas alapati

A B C of 3D : Introduction to making 3D art using blender

sreenivas alapati

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Introduction to Rust (for people who have never used a compiler)

Tim McNamara

Introduction to Rust (for people who have never used a compiler)

Tim McNamara

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Macro Security for your Microservices

Sreejith Anujan

Macro Security for your Microservices

Sreejith Anujan

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TPM based attestation - how can we use it for good?

Matthew Garrett

TPM based attestation - how can we use it for good?

Matthew Garrett

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Affordable Custom Input Devices

Jonathan Oxer, Chris Fryer

Affordable Custom Input Devices

Jonathan Oxer, Chris Fryer

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Betrusted: Better Security Through Physical Partitioning

bunnie, Sean "xobs" Cross, Tom Marble

Betrusted: Better Security Through Physical Partitioning

bunnie, Sean "xobs" Cross, Tom Marble

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Tensorflow on open source GPUs

David Airlie

Tensorflow on open source GPUs

David Airlie

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Zero Trust SSH

Jeremy Stott

Zero Trust SSH

Jeremy Stott

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RFC 1984: Or why you should start worrying about encryption backdoors and mass data collection

Esther Payne

RFC 1984: Or why you should start worrying about encryption backdoors and r

Esther Payne

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"Write a single library to handle all input devices, it'll be easy" they said...

Peter Hutterer

"Write a single library to handle all input devices, it'll be easy" they said...

Peter Hutterer

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Privacy and Decentralisation with Multicast

Brett Sheffield

Privacy and Decentralisation with Multicast

Brett Sheffield

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Everything you know is wrong: why using big words can made you sound stupid

Lana Brindley

Everything you know is wrong: why using big words can made you sound stupi

Lana Brindley

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Privacy, Security, Convenience; when it comes to home automation, can we pick all three?

Ben Dechrai

Privacy, Security, Convenience; when it comes to home automation, can we pi

Ben Dechrai

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The life of open source spatial with QGIS - From hobby to grown up, with bonus growing pains

Nathan Woodrow

The life of open source spatial with QGIS - From hobby to grown up, with bonu

Nathan Woodrow

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New Phone, Who Dis?: Human Authentication in the Digital Age

Yaakov

New Phone, Who Dis?: Human Authentication in the Digital Age

Yaakov

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The Fight to Keep the Watchers at Bay

Mark Nottingham

The Fight to Keep the Watchers at Bay

Mark Nottingham

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Securing firmware: Secure and Trusted boot in OpenBMC

Joel Stanley

Securing firmware: Secure and Trusted boot in OpenBMC

Joel Stanley

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smbcmp: A new tool to diff network captures

Aurélien Aptel

smbcmp: A new tool to diff network captures

Aurélien Aptel

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Senseless - environmental sensing without additional hardware

Kim Burgess

Senseless - environmental sensing without additional hardware

Kim Burgess

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The magical fantasy land of Linux kernel testing

Russell Currey

The magical fantasy land of Linux kernel testing

Russell Currey

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Building a Compiler for Quantum Computers

Matthew Treinish

Building a Compiler for Quantum Computers

Matthew Treinish

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Transpile anything to everything!

Anna Herlihy

Transpile anything to everything!

Anna Herlihy

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How to make kernel and user space CI for input devices?

Benjamin Tissoires

How to make kernel and user space CI for input devices?

Benjamin Tissoires

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Behind the scenes of an ELK system

Rafael Martinez Guerrero

Behind the scenes of an ELK system

Rafael Martinez Guerrero

Veyepar: TalkSigns.rfxml

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Professional quality layout design with Scribus

Kathy Reid

Professional quality layout design with Scribus

Kathy Reid