	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
09:30	Welcome to FOSDEM 2024							
09:45								
10:00	Where have the women of tech history gone?		Take Your FOSS Project From Surviving To Thriving					
10:15								
10:30		Creative Coding with TurtleStitch		HopsFS FUSE Mount	Perl at PayProp	Cologne Chip GateMate FPGA -- filling a gap between hardware and software (with a presentation of the GMM-7550 module)	Opening Railways and ...	BEAM me up, Scotty
10:45							Open standards, open data, open-source tools: their governance and future	
11:00	Outreachy: 1000 interns		NetBSD 10: Thirty years, still going strong!	External Rook Ceph Cluster	Open Food Facts: Learning and using Perl in 2024 to transform the food system !		Rust-transit: libraries to manage transit data in rust	Gleam: Past, present, future!
11:15								
11:30					Synergy: a chat bot framework	An introduction to Formal Verification of Digital Circuits	Counting on openness: Privacy-safe passenger counting	
11:45		MicroBlocks		Boosting CephFS Security in Kubernetes: Rook's Intelligent Network Fencing for Uninterrupted Data Flo...				Property based testing in Elixir
12:00	How to Chart your own Career Path in Open Source - Panel Discussion		Reproducible Builds: The First Ten Years		The CPAN Security Working Group		MATSim at SBB: Using and contributing to the open-source transport simulation for advanced passenger demand modeling.	
12:15				Data Security and Storage Hardening in Rook and Ceph		Verilog-AMS in Gnucap		Gleam in the machine: phantom types and the builder pattern.
12:30					openQA - How do you test a testing software?		Bending geographic maps for enhanced railway space-time diagrams	gen_statem Unveiled: A Theoretical Exploration of State Machines
12:45				Crash-consistent group snapshots in CephF...		FOSS CAD/EDA tools su...	MARECO algorithm: how...	

	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
09:30								
09:45								
10:00								
10:15								
10:30	How Tansu, a Reactive Agnostic Library, Simplifies Widget Creation for AgnosUI	Enhancing the video call experience with Forward Error Correction	SemVer in the Rust ecosystem: breakage, tooling, and edge cases	From phone hardware to mobile Linux		Public calendars aggregation using Linkal	Opening Energy: Reima... / EVerest: One stack to charge them all?	
10:45								
11:00	calc with calculang, a language for calculations	REPLACEMENT: RTC AMA		U-Boot for modern Qualcomm phones		Indico: an event management system	Using FlexMeasures to build a climate tech startup, in 15 min...	Synergy in Open Communities
11:15			Writing your own Rust linter				OwnTech Project: An open-source generic reprogrammable technology suite for reima...	Problems and solutions for running a distributed virtual world
11:30	Your web app is taking up too much RAM. Let's fix it!			Mainline Linux on Qualcomm SoCs, are we here now ?		OpenTalk - Video conferencing secure and GDPR compliant		
11:45		Bridging Open Protocols: XMPP and ActivityPub Gateway via Libervia	The plan for gccrs				Enhancing OCPP with E2E-Security and Binary Data Streams for ...	Open Food Facts : Acting on the health and environnemental im...
12:00	Recycle, Reuse, Rebuild: Transformative Tactics for Turning your Brownfields Green			VoLTE for FOSS		Securely collaborate with CryptPad	CitrineOS	Observations on a DNSSEC incident: the russian TLD
12:15							Power Grid Model: Open source high performance power systems ...	A simple caching service for your CI
12:30	Unraveling JavaScript's Heart: Mastering the Event Loop for P...	Shig: distribute and clone live streams among Fediverse instances ⤵	Hardware pointer checks in a Rust application near you?	Universal Serial Bug - a tale of spontaneous modem resets ⤵		Collabora Online: WASM ⤵		
12:45							GridSuite and PowSyBl: an Open Source app...	Reinventing database exploration with Azi...

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
09:30								
09:45								
10:00								
10:15								
10:30				NGI Zero network meetup	Introduction to OpenAPI		Making reproducible and publishable large-scale HPC experiments	
10:45								
11:00							Productionizing Jupyter Notebooks	
11:15					Stopping all the attacks before they start: Building a security-first API			
11:30							CATS: The Climate Aware Task Scheduler	
11:45								
12:00				Modern Email BoF, creating email-compat-data & more ↴	Making API Terms of Service Trustworthy? Presenting FACT : The Fair API Commitment Terms		Overcoming MPI ABI incompatibility	
12:15								
12:30					The API Landscape : mapping the 2000+ API and opensource tooling for Developers ↴		AOMP Compiler Kung Fu: Mastering Optimization Flags and Environment Variables for...	
12:45								

Time	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)
09:30								
09:45								
10:00								
10:15								
10:30	Linux on a Confidential VM in a cloud: where's the challenge?	DIY Private Container Registry	Bridging Research and Open Source: the genesis of Gephi Lite			The State of OpenJDK	"Where the !?*! are the packets going?"	Screen Sharing on Raspberry Pi 5 Using VNC in Weston and Wayland with the Yocto Project and OpenEmbedded
10:45							Broom not included: curling the modern way	
11:00	How Much Do You Know about Snapshot	Forensic container checkpointing and analysis	Cosma, a visualization tool for network synthesis			A decade of JDK Updates in OpenJDK		Introducing Sound Open Firmware project
11:15			From the lab to Jupyter : a brief history of computational no...				Improving IPv6-only experience on Linux	
11:30	UKI addons and extensions: safely extending UKIs kernel command line and initrd	Introducing Incus	Prompt Compass: A Methodological Approach to Evaluating the U...			Exploring Quarkus Native: Choices and Implementation	Load balancing using XDP	"Vanilla" Debian On An Industrial Embedded Device
11:45			UB App: Using Design Justice to involve marginalised communities and urban planners in co-designing a new photovoice tool...			Project Lilliput - Compact Object Headers	Nephio: A New Approach for Automating Telco Workloads	
12:00	From Virtualization Platform to Hybrid Cloud Solution: A Hands-On Account							Using linux-yocto as a Yocto BSP kernel
12:15		Kubernetes Operators: Expanding Automation in Containerized Applications	Beyond Ratings: Empowering Communities through Wikirate for T...				Network Topology Discovery: how it really works	
12:30	Making VirtIO sing - implementing virtio-sound in rust-vmm project ↴		From Grassroots to Standard Practice: how an Open Science soc...			An in-depth look at JFR in GraalVM and how it compares to JFR in OpenJDK ↴	ipt_geofence: Protecting Networks using GeoFencing, Blocklist...	Embedded Security 2023 ↴
12:45			Bridging contributor'...					

	UD2.218A	UD2.110	UD2.208 (Decroly)
09:30			
09:45			
10:00			
10:15			
10:30	The state of Go		
10:45			
11:00	The secret life of a goroutine		
11:15			
11:30	You're already running my code in production: My simple journey to becoming a Go contributor.		
11:45			
12:00	Single binary, full-stack provisioning		
12:15			
12:30	Efficient Integration Testing in Go: A Case Study on Dapr ⤵		
12:45			

Time	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
		MicroBlocks Workshop		↳ Crash-consistent group snapshots in CephFS for k8s CSI and you!	Corinna—Perl's new object-oriented system	↳ FOSS CAD/EDA tools supporting the open access PDK initiative	↳ MARECO algorithm: how to drive a train using the least amou...	Guess Less with Erlang Doctor
13:00	The Regulators Are Coming: One Year On		An engineer's guide to Linux Kernel upgrades				Railway signaling: detecting conflicts in a complex world	
13:15								Implementing UDP protocols in Elixir
13:30				CERN's Open Source Storage Systems	The Art of Concurrent Scripting with Raku		How we at Deutsche Bahn develop IoT use cases quickly and cost-effectively	
13:45						Using the ECP5 for Libre-SOC prototyping		Evolve your (web)app while it is running
14:00	Copyleft and the GPL: Finding the Path Forward to Defend our Software Right to Repair	Snap! workshop	Using your Laptop TPM as a Secure Key Store: Are we there yet?		Updates from the PSC		Transportr: the Past, the Present and the Future	
14:15							Software needs of a volunteer operated heritage railway	Type-safe Queries with Gleam & GraphQL
				CephFS at CERN in view of Disaster Recovery			Closing Railways and ...	
14:30	How open source projects approach Functional Safety							
14:45								Open Source DocOps
15:00	Privacy-respecting usage metrics for free software projects		Hactorscript in ART: Bug-free Software on Unhackable Hardware	Deploying a hyper-converged infrastructure with Ceph across the Cloud-Edge Continuum	The best `case` scenario	Writing a consistent-hashing Loadbalancer for the Kong API gateway (ketama principle)	Debug your stage-1 systemd with GDB and the NixOS test framework	
15:15		ZIM Workshop						Style as code: Using open source tooling to codify technical documentation style
15:30				Chorus - Effortless Ceph S3 Petabyte Migration		DNS for I2P: Distributed Network without Central Authority	Love rr, Love rr, you're so good to me	
15:45					A front-end journey back to Rails ↴			Taming Abstraction
16:00	Ingesting and analyzing millions of event...		The D Programming Language for Modern Ope...	SMB for Linux with SM...		Algo-rollover for .nl ↴	Help us improve time manipulation with GDB ↴	

	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
	↳ Unraveling JavaScript's Heart: Mastering the Event Loop for...	↳ Shig: distribute and clone live streams among Fediverse ins...	Proving Performance	↳ Universal Serial Bug - a tale of spontaneous modem resets		↳ Collabora Online: W...	↳ GridSuite and PowSy...	↳ Reinventing databas...
13:00						Collabora Online usability optimization	LFEnergy SEAPATH - Easier Operations in Electrical Substation...	Passbolt - Open source password manager for teams
13:15	The Biome toolchain	Getting AV1/SVC to work in the Janus WebRTC Server		The Linux Phone App Ecosystem			OpenSTEF: Opensource Short Term Energy Forecasting	Kùzu: A Graph Database Management System for Python Graph Dat...
13:30						Document collaboration made simpler: Revealing the concept of rooms in ONLYOFFICE DocSpace		
13:45	Staying Ahead of the Game: JavaScript Security	Using GStreamer to build real-time applications with Golang	Friend or Foe Inside? Exploring In-Process Isolation to Maintain Memory Safety fo...				Unleash the Power of Flexibility with Shapeshifter: A Univers...	Testing Containers with Python and pytest
14:00			The Four Horsemen of Bad Rust Code	Flutter - about the nightmare of cross platform development targetting Linux mobile		openDesk - The Open Source collaborative suite	OpenSCD: Everything Everywhere All at Once	GnuCOBOL, the Free Industrial-ready Alternative for COBOL!
14:15	Codebase Conquest: How Nx Turbocharged Our React Workflow							Ensuring Longevity: Strategies for Sustainable FLOSS Projects.
14:30		Building open source telephone agents using LLMs		5G in ModemManager			Power to the People - Technology for Access to Energy	
14:45	Web Performance: Leveraging Qwik to Meet Google's Core Web Vitals		Introducing Ratatui: A Rust library to cook up terminal user interfaces			Another approach to AI		
15:00				Droidian - Bridging the gap between various platforms with convergence			Sharing the operational cost of Europe's electricity grid: optimization and transparency through open...	Documenting and Fixing Non-Reproducible Builds due to Configu...
15:15	Can we simplify charting libraries?	Skynet: introducing local AI summaries in Jitsi Meet				Using Generative AI and Content Service Platforms together		Platform engineering for dummies
15:30			WASM 101: porting a Sega Game Gear emulator to the browser	Genode on the PinePhone on track to real-world usability			Quartz Solar OS: Building an open source AI solar forecast for everyone	

	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
15:45	Building your own JavaScript runtime with Rust	Moving real-time AI inference to the edge with Infernos ↳				Web Accessibility and Environmental Sustainability and with Popular CMS ↳		Taming the Beast: Managing High-Growth Postgres Databases at ...
16:00			A Deep Dive into Tower ↳	Wayland's input-method is broken and it's...			Can open source development drive energy ...	ε-serde / mem_dbg / sux / dsi-bitstream /...

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
				↳ Modern Email BoF, creating email-compat...	↳ The API Landscape : mapping the 2000+ A...		↳ AOMP Compiler Kung Fu: Mastering Optimi...	
13:00				Outreachy Connect: Newcomers & Old friends			Extracting Mini-Apps from HPC software for Total Cost of Ownership optimized systems procurement	
13:15					Deploy Fast, Without Breaking Things: Level Up APIOps With OpenTelemetry			
13:30							PyPartMC: engineering Python-to-Fortran bindings in C++, for use in Julia and Matlab	
13:45					Evolving your APIs, a step-by-step approach			
14:00				Cost-Effective AI Processing with Open Source Infrastructure			Feeding ML models with the data from the ...	
14:15							Warewulf: an overview, new features , and...	
							HPC-oriented Large-scale Code Restructuri...	
14:30							HPC Container Conformance	
14:45							Updates and Innovations with the Apptaine...	
15:00			Introduction to the Public Code and Digital Public Goods devr...	Weblate BoF	Thunderbird: Why Visual Change Is Good		Automating Spark (and Pipeline) Upgrades While "Testing" in Production	Welcome to the Legal ...
15:15			Sustainable Open Source Development			How do you change the governance model of an established open source project?		RHEL and CentOS and the growth of openwashing in FOSS
15:30					Reimagining Personal Computing with E ink: Community Insights and Design Challenges		RDF Dataset Canonicalization: scalable security for Linked Data	
15:45			Some updates on Public Code in Germany ↴			Meritocracy or Do-ocracy - why diversity is still hard and what can we do ↴		
16:00				Flathub / Flatpak BOF ↴	Liquid Prompt: yes, we can drastically re...		Semantically-driven data management solut...	Figuring out trademark policy on the fly ...

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)
	↳ Making VirtIO sing - implementing virti...	Composefs and containers	↳ Bridging contributor's knowledge and th...			↳ An in-depth look at...	↳ ipt_geofence: Prote...	↳ Embedded Security 2...
13:00	OpenStack Cluster Installer (aka: OCI): the Debian way to manage your OpenStack deployments		The CarpentriesOffline: Teaching Foundational Data Science and Coding Skills with Little or no Internet Access			Foreign Function & Memory API	Network Function Abstraction: A delicate question of (CPU) affinity ?	V4L2 Stateless Video Encoding: Hardware Support and uAPI
13:15								
13:30	Exercising QEMU generated ACPI/SMBIOS tables using Biosbits from within a guest VM.	libamicontained: a low-level library for reasoning about resource restriction	The French Open Science Monitor: steering the science based o...			Ruby on the Modern JVM: Fibers, FFI, and More	Testing iptables firewall rules with scapy	A fully open source stack for MIPI cameras
13:45			Infra Finder: Increasing visibility of open technologies for ...				iputils project introduction	
14:00	One SDN to connect them all	Using chroots in a single Linux Container as an alternative to docker-compose	Best practices for research in open source ecosystems			Virtual Thread's Next Steps	VPP: 100Mpps of MPLS on a Linux PC	enioka Scan: say No! to vendor lock-in for your barcode scann...
14:15								
							Orchestrating Change: Automating GÉANT Network Migration	The Small Device C Compiler (SDCC)
14:30	Deploy Kubernetes... From Kubernetes: an overview of Cluster API	Soft Reboot: keep your containers running while your image-based Linux host gets ...	PHAIDRA - A Repository Where Research Data Goes to Live (Not ...					
14:45			Updating open data standards				Flying higher: hardware offloading with BIRD	Brewing Free Beer with ESPHome and Home Assistant
15:00	Operating Kubernetes Across Hypervisors with Cluster API & GitOps	Juggling with UIDs and GIDs: rootless con...	Wikimedia projects and OpenStreetMap as an Open Research Infrastructure			The Challenges of Running the Fuzion Language Natively on the OpenJDK	Embiggen the Box: Extending NetBox	Dora-rs: simplifying robotics stack for next gen robots
15:15		What's new in Containerd 2.0!				OpenJDK Project Wakefield : The Wayland Desktop for JDK on Linux	ZeekJS: JavaScript support in Zeek	
15:30	#snapsafety: de-duplicating state across Virtual Machine clones		Detecting Propaganda on Facebook and Instagram Ads using Meta API				k8gb meets Cluster API	Vehicle Abstraction in Automotive Grade Linux with Eclipse Kuksa
15:45		Orchestrating eBPF Applications in Kubernetes and Fedora				Zeroing and the semantic gap between host and guest ↴	Bringing routes to Kubernetes nodes via BGP: introducing frr-k8s ↴	
16:00	Pipewire audio backend in QEMU ↴		Unlocking Research Data Management with I...					Zephyr and RISC-V: I Ain't Afraid Of No G...

	UD2.218A	UD2.110	UD2.208 (Decroly)
	↳ Efficient Integration Testing in Go: A ...		
13:00	Effortless Bug Hunting with Differential Fuzzing		
13:15			
13:30	Maintaining Go as a day job - a year later		
13:45			
14:00	How we almost secured our projects by writing more tests		
14:15			
14:30	Dependency injection: a different way to structure a project		
14:45			
15:00	Putting an end to Makefiles in go projects with GoReleaser		A microkernel-based orchestrator for distributed Internet services?
15:15			
15:30	REST in Peace: using generics to remove REST boilerplate		A Modular Approach to Effortless and Dependency-Aware Unikernel Building
15:45			
			Run Node.js in a unikernel reliably
16:00	Low code graphical apps with Go top to bo...		

	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
16:15	↳ Ingesting and analyzing millions of events per second in real-time using open source tools	GDevelop	↳ The D Programming Language for Modern Open Source Development	↳ SMB for Linux with SMB3 POSIX extensions	↳ A front-end journey...	↳ Algo-rollover for .nl	↳ Help us improve tim...	
					Besides Web: a Worker story.		ROCgdb, GDB and AMDGPU debugging	Easily Going Beyond MarkDown with Material for MkDocs
16:30						Bootstrapping time on OpenBSD		
16:45							GDB on Windows: status & plans	Docsy for documentation: looking back, looking forward
17:00	Will the first Artificial General Intelligence (AGI) instance be free or open-source software?		One way forward: finding a path to what comes after Unix	Exploring Samba on various File Systems: Bridging ideas and enthusiasts together	The world of Passkeys	Let's make people love domain names again	Online Debugging and ABI Data Services	
17:15								Drop the docs and embrace the model with Gaphor
17:30		Hedy		Advances in Garage, the low-tech storage platform for geo-distributed clusters		dnsconfd: system integrated DNS cache	Poke all the microcontrollers!	
17:45					Backtracie and the quest for prettier Ruby backtraces			Experimenting with AI and LLM to make docs searchable through a chat application
18:00	Learning from disaster response teams to save the internet		First Aid Kit for C/C++ Server Performance			Domain: A modular Rust DNS toolkit	Verrou : a valgrind tool dedicated to floating point error diagnosis	
18:15				MicroCeph: Get Ceph Up and Running in Minutes	Deploy Your Next Ruby App with WebAssembly (Wasm): Smaller, Safer, Faster			Embeddable code playgrounds for fun and profit
18:30	Magic and Software			Container Storage Interface Addons: Extending CSI specification to provide advanced storage operations		The first 13 years of blockchain name systems		
18:45								
19:00								

	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
16:15	MessageFormat: The future of i18n on the web	↳ Moving real-time AI inference to the edge with Infernos	↳ A Deep Dive into Tower	↳ Wayland's input-method is broken and it's my fault		↳ Web Accessibility and Environmental Sustainability and with Popular CMS	↳ Can open source development drive energy transition? PyPSA-…	↳ ε-serde / mem_dbg /…
16:30		Build your ENUM LCR Server using CGRateS		Why not run OpenCL-accelerated LLM on your phone?			Carbon measurement and energy attribution for processes and hardware devices in the Linux kernel	Using elliptic curve cryptography for the purposes of identity
16:45			Embedding Servo in Rust projects			Cristal: a new Wiki UI to rule them all		Timestamping with opentimestamps
17:00	Cryptography against AI: Deepfake resistant WebRTC videocalls			The Journey to Ubuntu Touch 20.04 on PINE64			Advanced Linux Power Management Evaluation using Perf	
17:15		SecSIPIdX - Library, CLI tool and RESTApi server for STIR/SHAKEN	Thunderbird: How to Exchange Rot For Rust			Pushing Tiki to its limits		
17:30	All Things Astro			Towards a bright future with Mobian?			How can Open-Source help the Wind Power industry?	
17:45						How to get rid of Confluence: Comparing Open Source Knowledgemanagent Systems	Energy optimisation: smart home meets smart district	
18:00	Better Bee Be Better: spot more bugs than TS with less than JS	Provide VoLTE/VoNR using OpenSIPS 3.5	Fighting cancer with Rust	Daily blogging embedded Gecko development			A journey accross the environmental materiality of digital services	
18:15			The journey of hacking in a new serde dataformat			The Challenges of Creating a FOSS Fact-Checking Platform for the Brazilian Community		
18:30	Who's testing the tests? Mutation testing with StrykerJS			PineTime: A Programmer's Toy and Beyond			Power profiling my entire house with the Firefox Profiler	
18:45								
19:00							Closing Energy: Reima…	

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
			↳ Some updates on Pub...	↳ Flathub / Flatpak BOF	↳ Liquid Prompt: yes, we can drastically rethink the design o...	↳ Meritocracy or Do-o...	↳ Semantically-driven data management solution for I/O intensive HPC workflows	↳ Figuring out trademark policy on the fly
16:15			GNU Health. Incorporating Digital Public Goods in the Europea...			Please Make It Make Sense: Product Management Methods to Make Your Project's Purpose Clear		
16:30			The Orthanc ecosystem for medical imaging		Bad UX is Bad Security: Adventures in Qubes OS UX Design		RCTab Cloud Subscription Management System	GPL's Termination under German Law
16:45			OSPO4Good UN Event report & 2024 Call for...			Compliance as a Community Effort: Engaging Contributors and Users		
17:00			From disconnected ele...	AlekSIS - What are the needs of a free school information system?	Web-accessibility for open-source privacy & security tools		Vector Search in Modern Databases	Fireside Chat on Further Restrictions, Imposed Downstream on Copyleft, Wreaking Havoc
			Legislation Editing O...					
			From Excel to Grist: ...					
17:15			Gno.land: Improve You...					
			TruBudget - a DPG to ...					
			Intro to Janssen: Man...					
17:30			Moodle: Empowering ed...			Single-vendor is the new proprietary	NFD: Simplifying Cluster Administration through Automated Node Labels, Taints, and Annotations	
			Fiscal sponsorship for / and FOSS project...					The new Swiss Open Source Law: "Public Money Public Code" by default
17:45			What can digital open...					
			Open Terms Archive					
			OpenFisca					
18:00			Developing in Public : Open Source Tech Education				How the Kubernetes Community is Improving Kubernetes for HPC/AI/ML Workloads	
18:15								Hot Topics: Organizers of the Legal & Policy DevRoom discuss the issues of the day
18:30			Open Source Railway Designer (OSRD): why SNCF Réseau start an open source project ?		Penpot 2.0 is here!		Kubernetes and HPC: Bare-metal bros	
18:45								
19:00								

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)
	↳ Pipewire audio backend in QEMU		↳ Unlocking Research …			↳ Zeroing and the sem…	↳ Bringing routes to …	↳ Zephyr and RISC-V: I Ain't Afraid Of No Ghosts
16:15		Lift and shift: Modernising a legacy LAMP application with systemd-nspawn	Making OpenRefine more reproducible			Bespoke containers with Jlink and OpenShift	Multi-network in Kubernetes: No batteries included	
16:30	AI-Driven Observability and Operations in Cloud-Edge Systems		Node Reduction through Artificial Intelligence Inferences using Graphology and SigmaJS: A Case Study on Hypertextual Conv…			A beginner's guide to Backports	Declarative Networking in Declarative World	An open-source, open-hardware offline finding system
16:45		vscode-container-wasm: An Extension of VSCode on Browser for Running Containers Within Your Browser					I want my own cellular network! Having fun with LTE networks and Open5Gs.	
17:00	Bare-Metal Networking For Everyone		Qadence - A library for Digital Analog Quantum Computing			Cryostat: JFR in the cloud	OpenRAN & Open Source: The Cool Kids of Telecom - Shaking Up 5G/LTE Networks	From an artificial nose weekend hack to a future-proof IoT device
17:15		Zero-touch Infrastructure for Container Applications						
17:30	Instant Ramen: Quick and easy multi-cluster Kubernetes development on your laptop		Science without secrets – how Galaxy democratizes data analys…			The JVM vs. WebAssembly: An In-Depth Comparative Analysis	Navigating the Networking Maze of Kubernetes: A Journey of Di…	Linux CAN upstreaming on MMU-less systems
17:45		Modern Build Systems for Containers	Workflow managers in high-energy physics: enhancing analyses …			Inner Workings of Safepoints	Securing 1M+ devices: My learnings from working as an IoT Arc…	
18:00			Open Neuroscience: practical suggestions for conducting open neuroscience research				Netfilter or eBPF? Use both with bpfilter!	Flutter, Buildroot, and you!
18:15						Java… to unlock GPU acceleration for Polyglot Language Runtimes	Packet Where aRe You - An eBPF based tool for diagnosing Linux networking	
18:30		From Containers to Unikernels: Navigating Integration Challenges in Cloud-Native Environments	MiniMill: a miniature Field Mill Electrometer for airborne platforms					Google Home, But Better: Building our own Smart Home Display with Flutter
18:45						Apache Maven 4.0.0 - Current State		
19:00								

	UD2.218A	UD2.110	UD2.208 (Decroly)
16:15	↳ Low code graphical apps with Go top to bottom!		Using the NOVA Microhypervisor for Trusted Computing at Scale
16:30	Creating a multiplayer game in Go, from zero		
16:45			
			Unikernels Are Here: Building, Running and Deploying Application Unikernels With ...
17:00	[Replacement Talk] Having fun with MIDI and Go		
17:15			Is Toro unikernel faster for MPI?
17:30	Smartwatch firmware... in Go? On TinyGo, small displays, and building a delightful developer experience		
17:45			News from the Hermit Crab — From Soundness Foundations to GPU Virtualization
18:00	Go Without Wires Strikes Back		Linux Binary Compatible Unikernels with Unikraft
18:15			
			Support Dynamically Linked Executables via Linux ld.so and Implement ENA Driver t...
18:30	Go Lightning Talks		
18:45			Streamlining application development for Genode with Goa
19:00			

Time	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
09:00	Where Did All the Fun Go? And How to Bring it Back with FOSS!	MicroBlocks Workshop	20 Years of Open Source building XWiki and CryptPad	Welcome to the Transl...	Welcome to the Identity and Access Management devroom!	Welcome to the GCC de...	Welcome to the SBOM d...	Opening and Welcome — Introducing the Open Website Alliance a...
				Localization of Open Source Tools into Swahili		GCC for new contributors	SPDX 3.0 - a migration journey	
09:15					SpiceDB: mature, open source ReBAC			Defend FOSS: From innovation to world-wide positive change
09:30				A universal data model for localizable messages		How to bring up GCC for your new chip	Overview of SPDX tooling and how SPDX3 gets adopted	
09:45					Agama: Low-Code Web Identity Orchestration		FOSS for FOSS: DejaCode is your new FOSS control center for S...	
10:00	Opening up communication silos with Matrix 2.0 and the EU Digital Markets Act		You too could have made curl!			My experience as a first time contributor to GCC's LTO	Panel discussion: Software Naming	
10:15		CoderDojo		Happy translating! It is possible to overcome the language barrier in Open Source!	Improving Infrastructure Security Through Access Auditing	Unicode Support for GCC Rust		Open source leadership at scale, how 1300+ people improved Drupal's multilingual features
10:30					Role of IGA in Access Management with Multilateral Identities	What can Compiler-Explorer do for GCC	SBOM: What's next?	
10:45							Protobom: The Universal I/O Layer of SBOM	
11:00	Alexandria3k: Researching the world's knowledge on your laptop		OpenPrinting - We make printing just work!	Lessons learnt as a translation contributor the past 4 years	FusionIAM - a full Open Source Identity & Access Management solution	Unlocking Secret Analysis in GCC Static Analyzer	Know Your Ingredients: Security Starts With the SBOM	Making FOSS CMS easier to teach with shared competency standards
11:15		Hedy Workshop				Yacking about Bison		
11:30			Long Term Effort to Keep Translations Up-To-Date	Add user self-management, brokerage and federation to your infrastructure with Keycloak		Make your software products trustable	
11:45						Can the mold linker be /usr/bin/ld?	Can SBOMs become first-class citizens in Open Source ecosyste...	Breaking Barriers: Content Management Systems and Accessibility ↴
12:00	How to Build an Open Source School Cloud for 5 Million Users ↴		SCION, hitting the future Internet road: Next-generation Internet ecosystem and ...	Using Open Source AIs for Accessibility a...	Ipa-tuura: FreeIPA connector for Keycloak ↴		SPDX in the Yocto Project	
12:15						Build Distribution for Maintaining the Fa...	How to make SPDX indu...	

Time	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
09:00	MIT App Inventor	Units of composition: recipes, overlays, and packages	Welcome to the Open Hardware devroom	Yet another event sourcing library		Welcome to the Modern...	The importance of Web Performance to Information Equity	
09:15			Multi-disciplinary geometry (libraries) in BIM and the IfcOpenShell software library	The Old Remains New		[Protocols] Security of STARTTLS in the E-Mail Context		
09:30		Fortifying the Foundations: Elevating Security in Nix and NixOS				[Protocols] Things we wish we knew before starting an IMAP library	Let's build a RUM system with open source tools	
09:45			Dune 3D - the making of a maker's tool	declarative calcs and visualization with calculang				
10:00		Packaging Bazel and Bazel-based packages	Comprehensible Open Hardware: Building the Open Book	For Want of Anneal: Examining The Unseen Changes Concerning Changes To VCS Assets...		[Protocols] Unicode in email: RCPT TO:<grå@grå.org>	Better than loading fast... is loading instantly!	Compiler Options Hardening for C and C++
10:15	CoderDojo		FreeCAD - state of the union	How to create the universal operating system				Mind the gap: Building a cultural commitment to documentatio...
10:30		Remediating thousands of untracked security vulnerabilities in nixpkgs				[JMAP] JMAP: Getting Started	Keyboard Interactions	
10:45			KiCad Status Update	How much math can you fit in 700K?		[JMAP] OpenXPort JMAP: a PHP library for ...	Web Performance at Mozilla and Wikimedia	A Lazy Developer's Approach to Building Real-Time Web Applica...
11:00		Nix for genetics : po...		Scheme in the Browser with Guile Hoot and WebAssembly		[JMAP] Intro to Ltt.rs a JMAP client for ...	Understanding how the web browser works, or tracing your way out of (performance) problems	Unpack Phabricator, Welcome Phorge - Forking the Opinionated ...
		Automatic boot assess...						
		Typhon: Nix-based con...						
11:15		rix: an R package for...				[Servers] Exchanging Microsoft: Implementing 27 MS Exchange Protocols & APIs in O...		geOrchestra Spatial Data Infrastructure
	Snap!	Preparing a 30 year-l...		RISC-V Bootstrapping in Guix and Live-Bootstrap				
11:30		Running NLnet on NixOS	LibrePCB Status Update				Fast JavaScript with Data-Oriented Design	
				Self-hosting and autonomy using guix-forge		[Servers] Aerogramme, a multi-region IMAP server		0 A.D. game: Vulkan API
11:45								
12:00		Clevis/Tang: unattended boot of an encrypted NixOS system ⤵	ngspice circuit simulator - stand-alone and embedded into KiCad ⤵	Spritely, Guile, Guix: a unified vision for user security ⤵		[Servers] Apache James: Modular email server	From Google AdSense to FOSS: Lightning-fast privacy-friendly banners	Building the world's virtual classroom
12:15						[Servers] Mox: a mode...		

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
09:00			Welcome to the EU Policy Workshop Devroom		Welcome to the RISC-V devroom		UKIs, TPMs, immutable initrds and full disk encryption – What Distributions Should Keep in Mind when Hopping onto the System Integrity Train	Welcome to the Monito...
			CRA & PLD: [begin wor...			Cracking the Code to Executive Support: Open Source Edition		
09:15			CRA: 40 new ways the ...		MAMBO - Dynamic Binary Modification Tool for RISC-V			Auto Instrumentation for your NodeJS Application on Kubernetes.
			PLD: When software ca...					
			CRA & PLD: panel					
09:30								
09:45						AI DevRels - Risks of Neglecting Open Source Talent in AI Critical Infrastructure		When Prometheus Met OpenTelemetry
10:00				NLnet office hour	Lessons from porting software to RISC-V @ RISE		Adapting Your Project: Making Changes Without Breaking Linux Distributions	
10:15			CRA & PLD: workshop			Open Source in 2024: boundaries, burnout, business		
10:30							Enhancing Linux Accessibility: A Unified Approach	Strategic Sampling: Architectural Approaches to Efficient Telemetry
10:45					Unleashing RISC-V in Managed Runtimes: Navigating Extensions, Memory Models, and Performance Challenges in OpenJDK			
11:00			CRA & PLD: CRA confor...	Telemetry BOF		Where are the limits of open communities?		
			CRA & PLD: rapporteur playback					
11:15			FOSS policy engagement: [begin workshop] ...					Unifying Observability: The Power of a Common Schema
			FOSS policy engagement: a CRA retrospecti...					
11:30					A framework for RISC-V SBI verification and ISA extension validation	The State of Funding Free & Open Source Software	The State of Enterprise Linux 2024	
			FOSS policy engagement: The impact of the...					
11:45			FOSS policy engagement: EU FOSS Act					

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
								Linux load average and other silly metrics
			FOSS policy engagement: panel ↴				AlmaLinux: How to make a RHEL compatible distribution ↴	
12:00				NetworkManager community meetup FOSDEM 2024 ↴		The Many Hats of a Maintainer: Organizational Design That Hel...		
12:15								

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)
09:00	Welcome to the Devroom and Announcements	An Introduction to Open Source AI				How to Win 1st Place in the Kernel Patch Statistics - Tools and Workflows	How do you write an emulator anyway ?	Beyond Joins and Indexes
09:15	Compressive Progress: A Very Sparse Updat...							
09:30	Using GPU for real-time SDR Signal processing	From OpenLLM-France to OpenLLM-Europe: Paving the way to sove...				Streamlining kernel hacking with mkosi-kernel		
09:45		Building Open Source Language Models					Panda3DS: Climbing the tree of 3DS emulation	
10:00	trx-control - modern software to control amateur radio transceivers and other hamradio hardware	LinTO Studio as Your Ultimate Open Source AI-driven Media Man...				libvpoll: create synthetic events for poll, select and friends		Isolation Levels and MVCC in SQL Databases: A Technical Comparative Study
10:15		LangChain From 0 To 1: Unveiling the Power of LLM Programming						
10:30	Covert Ground Based Synthetic Aperture RADAR using a WiFi emitter and SDR receiver		WebAssembly, WebComponents and media filters all at once: a proposal to open the Web to variety of fo...			More flexible user namespaces		
10:45		ML Guided Optimizations in LLVM					Breathing Life into Legacy: An Open-Source Emulator of Legacy Apple Devices	
11:00	Design of a follow-up QO-100 payload -		GStreamer: State of the Union 2024					Reducing Costs and Improving Performance With Data Modeling in Postgres
11:15		Practical Introduction to Safe Reinforcement Learning				Linux Kernel TPM security and Trusted Key updates	CONFEDSS: Concolic execution and the puzzling practice of peripheral emulation	
11:30	SPINO - Versatile telecommunication solution suitable for nanosatellites and Cubesats.	Open Discussion on AI and Machine Learning	Streaming live using RIST On Demand to thousands, how you can have your cake and eat it too					
11:45								
12:00	Maia SDR: an open-source FPGA-based project for AD936x+Zynq radios ↴	Introducing 'Refiners' – A Micro-Framework for Seamless Integration of Adapters i...	The state of video offloading on the Linux Desktop ↴			Linux Matchmaking: Helping devices and drivers find each othe...	Arm64EC: Microsoft's emulation Frankenstein ↴	Clustering in PostgreSQL: Because one database server is never enough (and neithe...
12:15								

	UD2.218A	UD2.110	UD2.208 (Decroly)
09:00	How to Use Private Data in Generative AI: End-to-End Solution for Retrieval Augmented Generation with...		Welcome to Testing an...
09:15			Streamlining Developer Experience: The Power of CI/CD Standardization and Interoperability
09:30	A murder party with Lea		
09:45			Ghosting the hardware
10:00	`New` Workflow Orchestrator in town: "Apache Airflow 2.x"		Pushing test lab to its limits: performance tracking techniques
10:15			
10:30	Data workflows: translating dbt to Apache Airflow		Performance testing and why even the imperfect one is important
10:45			
11:00	A slow migration from Django templates to Vue+GraphQL		squash the flakes! - how to minimize the impact of flaky tests
11:15			
11:30	Django migrations, friend or foe? Optimize them for testing		
11:45			From "Free-Lunch" to Dog-Fooding: A Culinary Journey in Craft...
12:00	Powerflexible cryptography with Python and Flightbox! ↴		Practical CI/CD Observability with OpenTelemetry ↴
12:15			

	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
	↳ How to Build an Ope...		↳ SCION, hitting the future Internet road: Next-generation Internet ecosystem and burgeoning opportunities	↳ Using Open Source AIs for Accessibility and Localization	↳ Ipa-tuura: FreeIPA connector for Keyclo...	↳ Build Distribution ...	↳ How to make SPDX industry standard for ...	↳ Breaking Barriers: Content Management S...
12:30	Private clouds do not need to be legacy!	MIT App Inventor Workshop			Passkey authentication - the result	Sega Dreamcast Homebrew with GCC	Application of the SPDX Safety Profile in the Safety Scope of the Zephyr Project	
12:45					Post-Quantum Cryptography transition: where we are now			
13:00	Firefox power profiling: a powerful visualization of web sustainability		Sequoia PGP: Rethinking OpenPGP Tooling	turnip: Update on Open Source Vulkan Driver for Adreno GPUs			SBOMs that you can trust - the good, the bad, and the ugly	
13:15					Beyond passwords: secure authentication with passkeys	Welcome to the LLVM d...		Wrestling giants: How can free open source CMSes remain competitive with enterprise clients?
						Linker Scripts in LLD and how they compare with GNU ld		
13:30				Graphics stack updates for Raspberry Pi devices			12 months of SBOMs - an experience report	
13:45		Snap! Workshop				Patch based test coverage for quick test ...		
14:00	Proving that Cloud Sysadmins Cannot Read your Data!		So you think you know Git		Making Ansible playbooks to configure Single Sign On for popular open source applications	The LLVM Security Group: History, progress, remaining challenges.	Phantom dependencies in Python (and what to do about them)	Collaborative government websites standardization for digital sovereignty using Open-Source. The model of Rwanda and the GovStack Global initiative
14:15				Delegated compositing utilizing Wayland protocols for Chromium on ChromeOS				
14:30					Fixing a Kerberos vulnerability with the bare necessities	Building a Linux distro with LLVM	Open Source based Software Composition Analysis at scale	
14:45				Greenfield: Wayland in the browser, an update				Modern editing experiences you can build in your CMS

	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
		Gotta Catch 'Em All! Raspberry Pi and Java Pokemon Training ↴						
15:00	Open Source for Sustainable and Long lasting Phones ↴		Version control post-Git ↴	"Scratching an itch... by patching kmscon" or "How OpenGL can lead to systems-programming"	Passwordless authentication in the GUI	Build your first Clang compilation database plugin	Getting lulled into a false sense of security by SBOM and VEX	
15:15								
15:30				Flutter in Embedded ↴...	Automated Integration of FreeIPA with AD and External IdP ↴	Challenges of supporting multiple versions of LLVM in Intel G...	Panel discussion: Best practices managing...	Shaping the Future: Investing Wisely in L...

	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
		↳ Clevis/Tang: unatte...	↳ ngspice circuit simulator - stand-alone and embedded into K...	↳ Spritely, Guile, Gu...		↳ [Servers] Mox: a modern full-featured mail server	Insights from the RUM Archive	Attempt at building a transit app in Africa
	Youth Hacking 4 Freed...			Five years of Teal: minimalism versus growth in language design				
12:30	Live coding music with MicroBlocks and microcontrollers.							
12:45			Modos: Building an Ecosystem of Open-Hardware E Ink Devices			[Operations] Enterprise Mail Security with Open Source?		System for Television Off-air Recording and Archiving, BFI Na...
13:00		17-year journey of the Mozilla Support platform & its community	The Basic Economics behind Open Source Funding in 2024			[Operations] A user provisioning API for ...		
13:15				The Matrix State of the Union		[Operations] Rspamd's 15-Year Odyssey: From Hobby to Open Sou...	Confidential Computing devroom welcome	Do you know YAML?
13:30		Diving into PDF.js: the advantages of the web platform	QUBIK a 1p PocketQube satellite platform			[Clients] Introduction to Thunderbird for Android	Intel TDX Deep Dive	Introduction to BlissLabs and Bliss OS
13:45	Hedy			Interoperability & Matrix		[Clients] Taking care of Roundcube Webmai...		Introducing the Open Podcast API
14:00		Training efficient and open source ML models for private translation in Firefox	A satellite's final safehouse: The deployer			[Clients] aerc, an email client for the d...	SEV-Step: A Single-Stepping Framework for AMD-SEV	
14:15				Let's talk Matrix between Governments and Citizens		[Security] Modern chat-mail for security-sensitive helplines		Project websites that don't suck
14:30		Community Driven Data Collection and Consent in AI	Electronic boards production automation with KiCAD scripts				Shielding Data, Embracing Openness, Optimizing Performance: A Journey Through Tru...	FOSS for DOCS
14:45				Embracing Matrix for Enhanced Communication: Migrating the WordPress Community from Slack to Matrix		[Security] Modernizing email encryption: the crypto refresh of OpenPGP		Journey to an open source contribution
15:00	Google Blockly ↴	Debugging HTTP/3 upload speed in Firefox	Jumpstarter: Open Hardware In The Loop for everybody				The ups and downs of running enclaves in production	
15:15				NeoDateFix - A solution to organising meetings in Matrix ↴		[Security] Analysis of the S/MIME ecosyst...		Aerodynamic Data Models: Flying Fast at Scale with DuckDB
15:30		The MDN Curriculum: Better web developers for a better web ↴	From hackathon idea to hackaday prize - How we make a Braille embosser. ↴			[Security] Thunderbird Email Security, plans and challenges.	Securing Embedded Systems with fTPM implemented as Trusted Application in TEE	Trusted Postgres Architect - Deploying Postgres with Infrastr...
						[Security] Email Auto...		

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
			↳ FOSS policy engagement: panel	↳ NetworkManager community meetup FOSDEM 2024		↳ The Many Hats of a Maintainer: Organizational Design That H...	↳ AlmaLinux: How to m...	
12:30			FOSS policy engagement: Fishbowl conversation - share your experience				mkosi-initrd: Building initrds out of distribution packages	Fast, Cheap, DIY Monitoring with Open Source Analytics and Visualization
12:45					Solving community problems with documentation			
13:00				Rust Distro Meetup			The Monolith versus the Swarm - A Comparison of openSUSE's and Fedora's Build Infrastructures	
13:15			FOSS policy engagement: rapporteur playba...	Open Source Firmware,...	Open practices for open projects			Implementing distributed traces with eBPF
			Public services interoperability: [begin workshop] Free/open ...	Open Source Firmware status on AMD platforms 2024 - 5th edition				
13:30			Public services interoperability: The Int...				Desktop Linux, as easy as a smartphone! Just in a Snap!	
13:45			Public services interoperability: workshop Interoperable Europe Act		immune Guard: Streamlining Boot and Kernel Security in the Cloud	Kickstarting an Open Source Culture: A Guide for Mentors		What's possible in observability when we have frame pointers
14:00				Web Accessibility and ATAG			Upstream and downstream, best friends forever?	
14:15			Public services interoperability: Open So...					
14:30			Public services interoperability: workshop Open Source strategy at the European Commission		Standardizing the generation and signing of boot images	The Good Governance Handbook: Enabling good OSS usage through OSPOs	Supporting architecture psABIs with GNU Guix	Modern application observability with Grafana and Quickwit
14:45			Public services interoperability: rapport...		systemd-boot, systemd-stub, UKIs			
			Digital Services Inte...					

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
15:00			Digital Services Interoperability: What o…	Special Purpose Operating Systems: The Next Step in OS Evolution or One-Trick Ponies? ↴		Building an Open Source Community One Friend at a Time	Releasing a Linux based OS: an overview of Flatcar release cycle	
15:15			Digital Services Interoperability: Intert…		GRUB - Project Status Update ↴			What is CI/CD observability, and how to bring observability to CI/CD pipelines?
15:30			Digital Services Interoperability: Panel Discussion - The technical challenges of…			Strategies for Building Healthy Open Source Communities ↴	An introduction to Image Builder: buildin…	

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)
	↳ Maia SDR: an open-s...	↳ Introducing 'Refiners' – A Micro-Framew...	↳ The state of video ...			↳ Linux Matchmaking: Helping devices and drivers find each ot...	↳ Arm64EC: Microsoft's emulation Frankenstein	↳ Clustering in PostgreSQL: Because one database server is never enough (and neither is two)
12:30	quickstream: a new SDR framework	Dynamic Explainability through Dynamic Causal Modeling	Livepeer Catalyst and The Conspiracy to Solve Video for Everybody Forever					
12:45		AI for Developers: Treating Open Source AI as a Function				The case for a virtual Rust stateless codec driver		
13:00	An open source digital radio protocol for amateur radio		Multithreading and other developments in the ffmpeg transcoder					For Your Eyes Only: Roles, Privileges, and Security in PostgreSQL
13:15		Using Haystack to Build Custom Functionality for LLM Applications				From Kernel API to Desktop Integration, how do we integrate battery charge limiting in the desktop		
13:30	OpenRTX: an open source firmware for ham radio devices		StreamCrafter - In browser broadcasting					
13:45		Using code generated by AI: issues, misconceptions and solutions					Welcome to Retrocompu...	
						Converting filesystems to support idmapped mounts	The big adventure of little professor and its 4-bits handheld friends running TMS 1000	
14:00	Expanding IQEngine into a Hub for Previewing RF Signal Processing Software		PipeWire State of the Union					Your Virtual DBA (PostgreSQL on Kubernetes using an Operator)
14:15		Reducing the risks of open source AI models and optimizing upsides					Gameboy Advance hacking for retrogamers	
14:30	DAPNET: Bringing pagers back to the 21st Century		Generating music with Open tools, APIs, and NO AI!					
						Linux' receive_fd_replace() semantics confusing	Running DOS & Unix on an 8-bit Commodore	
14:45								
15:00	srsRAN Project Update	Fortify AI against regulation, litigation and lobotomies	Open Source Community Updates			What is Linux kernel keystore and why you should use it in your next application	A Game Boy and his cellphone	Postgres vs. Linux filesystems ↴
15:15								
15:30	SatDump, A generic satellite data process...	A Principled Component Analysis of Open S...	Innovations in H.264/AVC software decodin...				Neo6502 in the Matrix - open source hardware and software mod...	

	UD2.218A	UD2.110	UD2.208 (Decroly)
12:30	↳ Powerflexible cryptography with Python and Flightbox!		↳ Practical CI/CD Observability with OpenTelemetry
12:45			Chaos Engineering in Action: Enhancing Resilience in Strimzi
13:00	How can we trust 3rd party code? Using Python to understand the trust relationships within the python…		
13:15			Progressive Delivery Made Easy with Argo Rollouts
13:30	Making Python safer than ever		
13:45			
			Own your CI with Nix
14:00	Match all things Python: Parsing structured content with Python's new match statement		
14:15			Testing Go command line programs with `go-internal/testscript`
14:30	Annotated, a type hint you can use at runtime		
14:45			How mutation testing got practical
15:00	Profiling Python with eBPF: A New Frontier in Performance Analysis		
15:15			
			Running systemd integration tests with mkosi ↴
15:30	Python 3.12's new monitoring and debuggin…		

	Janson	J.1.106	K.1.105 (La Fontaine)...	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601
15:45	↳ Open Source for Sustainable and Long la...	↳ Gotta Catch 'Em All! Raspberry Pi and Java Pokemon Training	↳ Version control post-Git	↳ Flutter in Embedded	↳ Automated Integrati...	↳ Challenges of supporting multiple versions of LLVM in Intel...	↳ Panel discussion: Best practices managing SBOMs in the supply chain	↳ Shaping the Future: Investing Wisely in Long-Term Open Source Development with "Five for the Future"
16:00	Unveiling the Open Renewable Energy Systems (ORES) Initiative - Panel Discussion		Building a Community-Owned Data Confidence Fabric With Distributed Ledgers and Smart Contracts	Building Cross-platform GUI apps with ease (and Go) - desktop, mobile and beyond!	Connecting IBM AIX to Red Hat Identity Manager (FreeIPA)	elfconv: AOT compiler that translates Linux/AArch64 ELF binary to LLVM bitcode targeting WebAssembly	Sharing and reusing SBOMs with the OSSelot curation database	
16:15					Empowering FreeIPA: a dive into the modern WebUI			Roundtable Round-Off on FOSS CMS Collaboration
16:30				The FIM (Fbi IMproved) Universal Image Viewer, in a Nutshell	POSIX identities out of OAuth2 identity providers: how to redesign SSSD and Samba?	Map LLVM values to corresponding source-level expressions	The Case For Inventoring Corresponding Source in SBOMs	
16:45								
17:00	FOSDEM 2024 Highlights							
17:15								
17:30								
17:45								
	Closing FOSDEM 2024							
18:00								
18:15								

	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.2215 (Ferrer)
	↳ Google Blockly	↳ The MDN Curriculum:...	↳ From hackathon idea...	↳ NeoDateFix - A solu...		↳ [Security] Email Autoconfiguration, and 2FA for email		
15:45		Firefox: Good things come in .deb package...	Automated Documentation for Open Source Hardware	MatrixRTC: The Future of Matrix Calls			Integrity Protect Workloads with Mushroom	The wonderful life of a SQL query in a streaming database
16:00	ZIMjs 2D PWA apps into 3D+VR with ThreeJS	Firefox, Android, and Cross-browser WebExtensions in 2024						Switching the FOSDEM conference management system to pretalx
16:15			Sharing parametric models as web apps with replicad			[StructuredEmail] Structured Vacation Notices and Structured ...	Reproducible builds for confidential computing: Why remote attestation is worthle...	
16:30		Integrating LLMs: Intelligence is tricky	Testing in a Box: Streamlining Embedded Systems Testing	The state of the Matrix Rust SDK in 2023		[StructuredEmail] When is my flight? - Semantic data extracti...		FOSDEM infrastructure review
16:45						[Ending] It's all about the email. Ugh, what?	Increasing Trust and Preserving Privacy: Advancing Remote Attestation	
17:00								
17:15								
17:30								
17:45								
18:00								
18:15								

	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
15:45			↳ Digital Services Interoperability: Panel Discussion - The technical challenges of interoperability ...	↳ Special Purpose Operating Systems: The Next Step in OS Evolution or One-Trick P...	↳ GRUB - Project Stat...	↳ Strategies for Building Healthy Open Source Communities	↳ An introduction to Image Builder: building up-to-date, cust...	
					Kernel command line to configure userspace considered harmful			Introducing Observability to an airline
16:00			Digital Services Interoperability: Workshop - The technical challenges of interoperability requirements in EU law			Building Communities with Science!	2023 in Chimera Linux	
16:15					TrenchBoot - project status update			
16:30							Homebrew's Evolution	Netdata: Open Source, Distributed Observability Pipeline - Journey and Challenges.
16:45								
			EU Policy Devroom Wra...		Open Source Firmware,...			
17:00								
17:15								
17:30								
17:45								
18:00								
18:15								

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)
15:45	↳ SatDump, A generic satellite data processing software	↳ A Principled Component Analysis of Open Source Artificial Intelligence	↳ Innovations in H.264/AVC software decoding (Architecture an...			A few limitations in the available fs-related system calls	↳ Neo6502 in the Matr... PiStorm - The evolution of an open source Amiga accelerator	↳ Postgres vs. Linux filesystems
16:00	Searching the cosmic haystack with software radio: the breakthrough listen search for narrowband dopp...	Codes Bound by Ethics: The Rising Tide of Non-Free Software L...	FFmpeg VVC Decoder					Build Your Own PostgreSQL DBA Out Of Available MySQL DBAs
16:15		Moving a step closer to defining Open Source AI				Packet, where are you?: Track in the stack with pwru	A journey documenting the Sanco 8003 computer	
16:30	SIDLOC: Spacecraft Identification and Localization system		Edit video/audio with... S2S: PeerTube instanc... 5G-MAG Reference Tool...				Controlling a 6 degree Robot Arm using a 48K ZX Spectrum	
16:45		Open Source AI at TechWorks, the UK trade body for Electronic...	dublang, a multi-lang... VVdeC<>Arm: Optimizin...					
17:00								
17:15								
17:30								
17:45								
18:00								
18:15								

	UD2.218A	UD2.110	UD2.208 (Decroly)
15:45	↳ Python 3.12's new monitoring and debugging API		↳ Running systemd integration tests with …
16:00	Deploy Your Next Python App with WebAssembly (Wasm): Smaller, Safer, Faster		Making it easy to get to SLSA level 2
16:15			
16:30	How I've Built a Web Frontend for a Federated Communication Tool with Brython		Are Project Tests Enough for Automated Dependency Updates? A Case Study of 262 Java Projects on Github
16:45			
17:00			
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17:30			
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