

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.3242	H.3244	
09:30	Welcome to FOSDEM 2019												
09:45													
10:00	Can Anyone Live in Full Software Freedom Today?												
10:15													
10:30					Welcome to the MySQL, MariaDB & Friends D...	Welcome State of OpenJDK	AMENDMENT Introduction of OSS Weaviate, the Decentralised Knowledge Graph	VLC 4.0		"Enlightening" KVM	XDP (eXpress Data Path) as a building block for other FOSS projects		
10:45				Patterns and anti-patterns in OSS participation									
11:00	FLOSS, the Internet and the Future	Better loop mounts with NBD											
11:15				Making Your MySQL Replication Setup Run Faster!									
11:30						Rumble in the Java Jungle	Gephi JS: Exploring the dystopian future of a Javascript Gephi						
11:45						AMENDMENT Un-split brain (aka Move Back in Time) MySQL							
12:00	Blockchain: The Ethical Considerations	ELI5: ZFS Caching	Creating a Computing Revolution: from Personal Computers to P...			Leveraging real-time streaming with Neo4j-Streams	Fearless Multimedia Programming			It's Time for the Populator			
12:15				MySQL Replication - Advanced Features									
12:30				Cogito		Java Checkpoint/Restore							
12:45					Emitter: Scalable, fast and secure pub/sub in Go	Tapping Into the Binary Log Change Stream							
13:00	Mattermost's Approach to Layered Extensibility in Open Source	AMENDMENT Handling Security Flaws in an Open Source Project - Jeremy Allison	Leela Chess Zero										
13:15				MALT, A Malloc Tracker	The art of multiplexing MySQL connections with ProxySQL								
13:30						Performance tuning Twitter services with Graal and Machine Learning							
13:45					Structured Concurrency	Improve your SQL							
14:00	Matrix in the French State ↴	Square Kilometre Array and its Software Defined Supercomputer...	VBoard, making web dashboards in 3D and VR		Securing the JVM, neither for fun nor for profit, but do you really have a choice?	Differentiated access control to graph data ↴	RIST - an evolutionary video transport protocol ↴		Make Room! Make Room! ↴	ONOS Introduction ↴		SailfishOS ↴	

	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
09:30												
09:45												
10:00												
10:15												
10:30	Welcome to the Open Source Design Collective!	When open source meets quantum computing	Welcome to the Ada De... An Introduction to Ada for Beginning and Experienced Programmers	LLVM+Clang for RISC-V	.NET on the Web with Mono WebAssembly	25 Years of FreeBSD	A small, FRP DSL for distributed systems	VkRunner: a Vulkan shader test tool	Welcome to the RetroC... Hatari - a cycle-exact Atari ST emulator	Relaunching the ODF Adoption TC at OASIS		Welcome to the Legal ... What did I just agree to?
10:45												
11:00	Component-based Design System and Development	Forest: An Open Source Quantum Software Development Kit			Advanced TypeScript tooling at scale	How to build a FreeBSD CI/CD environment based on pot container	Why JSON when you can DSL?	Intel GFX CI: Validation done the Linux way	AMENDMENT Open source projects at Silicium retrocomputing association	Server side solution for generating ODF reports		Introducing the CERN Open Hardware Licence version 2
11:15							Templating Languages for Interactive Fiction					
11:30	Open Educational Resources on Digital Accessibility for Building Your Own Courses		Sequential Programming in Ada: Lessons Learned	Porting Debian to the RISC-V architecture	Typescript => IL => Game Modding Supercharged			XR		Resurrecting Mozilla Themes for LibreOffice		Now what? Following through on your community guidelines
11:45		Delivering Practical Quantum Computing on the D-Wave System				Automated firewall testing	Tcl - An Embeddable Long-lever with a Comfortable Grip, that fits in your Pocket.					
12:00	Designing for Activism		Autonomous Train Control Systems: a First Approach		Hacking F# in JS ecosystem		Minimalism matters	IGT GPU Tools - the past, the present, the future	CANCELED Restoring a 30+ years old Minitel server on Apple II	Quo vadis, LibreOffice extensions?		Open source in the quest for GDPR compliance
12:15												
12:30	UX at Tor	D-Wave's Software Development Kit		The future of Supervisor Binary Interface(SBI)	AMENDMENT Retro.NET - .NET for building Console Applications	Embedded FreeBSD on a five-core RISC-V processor using LLVM	Minimalism versus Types	Wayland in IVI systems	GBForth: Using Forth to understand the Game Boy	Improving LibreOffice quality together		LibreOffice: the origins of a community fork
12:45					Connecting .NET Core to D-Bus		Luerl: Lua in Erlang					
13:00	Breaking Down Language Barriers	D-Wave Hybrid Framework	Controlling the Execution of Parallel Algorithms in Ada		Valkyrja and the tale of eating servers using C#	An Update on NetBSD		Greenfield: An in-browser Wayland compositor	Introduction to the BASIC Engine	Collabora Office on iOS		Redis Labs & the tragedy of the Commons Clause
13:15					TypeScript-It's time to migrate!		Never					
13:30	The real cost of not doing user research	What is IBMQ ↴	Persistence with Ada Database Objects	Alternative languages for safe and secure RISC-V programming	Interactive Computing with F# Jupyter	KLEAK		Complex cameras are (were?) complex		Preventing OOXML interoperability problems in LibreOffice		How should lawyers behave? Legal "Ethics" and Free Software ↴
13:45							GWL: GNU Workflow Language		Preserving numerical algorithms			
14:00	Open Source Design in the trenches: a case study ↴		Shrink your Data to (almost) Nothing with Trained Compression...		Infrastructure as Typescript ↴	FreeBSD Graphics ↴	Perl 6 as a new tool for language compilers ↴	AMENDMENT HDMI CEC: A Status Update ↴		New interoperability, i18n and LibreLogo improvements of Libr...		

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09:30										
09:45										
10:00										
10:15										
10:30		Ten years of Puppet installations: what now?			Introduction to OpenAPI Specification	The State of Go	Continuous Localization	CANCELLED Open and federated identities with ID4me		
10:45										
11:00		Keeping Track of Stateful Infrastructure			Building Pantheon documentation	Building modern desktop apps in Go	Firefox is your Marionette	Watching Them Watching Us		
11:15										
11:30					Multilingual Kubernetes	How to write a reverse-proxy with Go in 25 minutes	HTTP/3	Analysis of the behavior of mobile applications and its consequences for our privacy		
11:45										
12:00		Multicloud CI/CD with OpenStack and Kubernetes			Write Drunk - Test Automated	Git database with bitmap index		LibreHosters		Apache Camel Meetup
12:15										
12:30					Getting to Closer to a Software Help Language	Hands on debugging with Delve	Global Consent Manager	Onion adventures		
12:45										
13:00		Use configmanagement for your ... configmanagement.	LPI Exam Session 1 ↴		Who needs pandoc when you have Sphinx?	Designing Command-Line Tools People Love	Project Things	Retroscore JSON API		MuseScore User and developer Meetup
13:15										
13:30		Mgmt Config: The Road to 0.1			To the future with Grav CMS	Go containers? Go serverless?		The New Internet		
13:45							The State of Webassembly in 2019			
14:00		Configurations: Do you prove yours ? ↴				gRPC, Protobufs and Go... OH MY! ↴		Challenges With Building End-to-End Encrypted Applications - ...		GNURadio BoF ↴
							VR Map: WebXR with Re...			





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14:15		↳ Configurations: Do you prove yours ?	↳ LPI Exam Session 1			↳ gRPC, Protobufs and Go... OH MY!	↳ VR Map: WebXR with Real-World OSM Data	↳ Challenges With Building End-to-End Encrypted Applications ...		↳ GNURadio BoF
14:30		Uyuni: A world-class open source frontend solution for managing your software-defined infrastructure ...				AI image search with Go & Tensorflow		The right to data portability (and why it's a very bad idea)		
14:45							Inclusion Includes You			
15:00		Declare your Linux Network state!			A private cloud for everyone	When and How to use CGo		Enough: How journalism can benefit from free software		ZeroPhone meetup
15:15							Automated Analysis of TLS 1.3			
15:30		Sysadmins, too, deserve interface stability	LPI Exam Session 2		AMENDMENT Who needs to know? Private-by-design collaboration	Building a Hardware MIDI Player		Nextcloud		
15:45					Tiki: Easy setup of wiki-based knowledge management system		How XR goes beyond demos and games			
16:00		Pulp 3: Ready for a Test Drive				Parallel programming in Go for performance with the Pargo library		Dark Peak Data Co-op		Kodi Meetup
16:15					Displaying other Application data into a Wiki		Countless, Beautiful Contributions			
16:30		Codifying infrastructure with Terraform for the future				The clusterfuck hidden in the Kubernetes code base		YunoHost		
16:45					LibreOffice Online - hosting your documents		Speed without Shenanigans			
17:00					AMENDMENT XWiki: a collaborative apps development platform	Embedded with Go: from an AWK prototype to a gokrazy appliance		Organisational Processes in Decentralized Software		Free Software on Mobile Devices
17:15							Yet Moar CSS Features			
17:30		Automate Kubernetes Workloads with Ansible				Tuning Go GC Parameters		ActivityPub panel		
17:45										
18:00		How We Modified an Agent-based Automation System to Become an Agentless One			Memex: Collaborative Web-Research	How Kubernetes used gRPC to encrypt secrets with an external Key Management Service	Decentralizing the Web Despite Itself			
18:15					CubicWeb Linked Data Browser Extension					
18:30						Go Lightning Talks	When perf-html Met A11y			
18:45					Document Redaction with LibreOffice					











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09:00	Intro to the Free Software Radio Track	What's new in the world of seL4	Gnucap -- The GNU circuit analysis package	Improve OSM data quality with DeepLearning		AMENDMENT Packaging for Mageia Linux with Docker containers	Roll your own compiler with LLVM			Using getdns for local DNSSEC validation	An operator centric way to update application containers with AtomFS	RAPIDS			
09:15	gr-soapy: A handy SDR hardware interface module for GNU Radio														
09:30	GNU Radio with a Rusty FPGA		ngspice, current status and future developments												
09:45				3Geonames.org			Rewriting Pointer Dereferences in bcc with Clang				OpenHPC Update	AMENDMENT Around the world with Postgres extensions			
10:00	Protect your bits: Introduction to gr-fec	Microkernel virtualization under one roof	openEMS - An Introduction and Overview					Raspberry Pi history, tips and use case							
10:15				Latest developments in Boost Geometry					How and why (not) to use the 127.0.0.53 nameserver, systemd-resolved and resolvctl	Containers with Different Security Modules	CK: an open-source framework to automate, reproduce, crowdsource and reuse experiments at HPC confere...				
10:30	GNU Radio meets Scapy		Project Trellis and nextpnr		ElasticSearch Correctness and performance Validator		Building an LLVM-based tool	Will you boot Haiku, on a non intel platform, no BIOS winter?		Upcoming Kubernetes Storage features					
10:45		A roadmap for the Hurd?								Stories from BIND9 refactoring	Couple scientific simulation codes with preCICE				
11:00	GNU Radio in 2019: Facts and Plans		Design Automation in Wonderland		Learning to Rank			U-Boot from Scratch		Firecracker, should it work only with a single runtime?		Hacking PostgreSQL			
11:15		A microkernel written in Rust: Porting the UNIX-like Redox OS to Armv8		Continuous Integration to compile and test Navit			Debug info in optimized code - how far can we go?				ReFrame: A Regression Testing and Continuous Integration Framework for HPC systems				
11:30			Open source virtual prototyping for faste...			Package software for any distribution with upt		Linux and USB Audio Class 3		DNS and the Internet's architecture: the DoH dilemma					
11:45	libsigmf: Human Tools for Extra-Terrestrial and AI Radios		Lesson learned from Retro-uC and search f...	Linking OpenStreetMap and Wikidata						A year of Container Kernel Work	Reproducible science with containers on HPC through Singularity				
12:00						openSUSE Kubic for Distro People	Lessons in TableGen	UEFI Boot for Mere Mortals		DNS Privacy panel		What's new in PostgreSQL 11			
12:15		Hands-on composition of basic L4Re components	Fritzing - the past, the present and the future		From table to index (and back) with Hibernate Search 6					Real-time container automation and scheduling	Nakadi: Streaming Events for 100s of Team...				
12:30	SDR Makerspace		KiCad Project Status	GraphHopper Routing Engine - New Features	A Deepdive into Tantivy			AMENDMENT CI/CD for embedded development with an ESP8266, Arduino-cli, Gitlab-ci, Raspberry Pi, and Kubernetes	ID4me: using the DNS as a directory for identities		MALT & NUMAPROF, Memory Profiling for HPC...				
12:45											Setting up an HPC lab from scratch				
13:00	Digital Predistortion	Unikraft: Unikernels Made Easy	Drawing PCBs with Inkscape	Hikar - Augmented reality for hikers			LLVM for the Apollo Guidance Computer	Open Source Firmware at Facebook	Flamethrower	A follow-up on LTTng container awareness	Feature store: A Data Management Layer fo...	Deploying PostgreSQL on Kubernetes ↴			
13:15			The Kitspace BOM Builder							A containerd project update	The convergence of HPC and BigData				
13:30	Equinox: A C++11 platform for realtime SDR applications ↴		horizon EDA - what's new ↴	Hundred thousand rides a day ↴	Apache Lucene and Apache Solr 8 ↴		llvm.mix ↴	Zink ↴	Dynamic answer generation with Lua ↴						
										Kubernetes Network Se...	Introducing Kubeflow ...				

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09:00	Quantum Computing Workshop ↴	Devroom intro		Community DevRoom Welcoming Remarks	Welcome	Beyond the 10%: analysis of the gender-diversity gap	RustPython: a Python implementation in Rust			
09:15		Grafana 6.0		Supporting FOSS Community Members with Impostor Syndrome	Approaching Light Speed - News from the Eclipse Platform Project					
09:30			LPI Exam Session 3			Discover GraphQL with Python, Graphene and Odoo	What is Rust doing behind the curtains?	Open source software security testing		
09:45					Companies and Communities	From Oracle to Apache - News from Apache NetBeans				
10:00			Augmented Network Visibility with High-Resolution Metrics				How to write pylint plugins	TLS 1.3: what developers should know about the APIs		FreedomBox Meetup
10:15						Tooling for IntelliJ Platform Plugins				
10:30			Critical Path Analysis		The Open Source Community: its past and future		Mastering Application/Service Configuration	RustPräzi: a tool to build an entire call graph of crates.io		
10:45										
11:00					Improve your project's on-ramps for new participants	GraalVM: Polyglot Development Platform with Great Toolability		Beyond The First Steps		
11:15			On Observability				Demystifying Coroutines and Asynchronous Programming in Python		The new EU CyberSecurity Act	Replicant Meetup
11:30					Community Data is Not Community Metrics	Embracing Language Servers for Blockchain Development	Tree matchings with Behavior Trees		Tracking users with core Internet protocols	
11:45								Sans IO: safe and testable network protocols		
12:00			Loki - Prometheus for logs							
12:15			LibreOffice Exam Session 1		Building a Community Metrics Strategy	Tools for Shrinking Your Containers	Making your Python code write your Python code		How to prevent cryptographic pitfalls by design	
12:30						Time is Important - Developer Centric IoT Platforms	Memory Management in Python	Introducing rust-prometheus	USB borne attacks and usable defense mechanisms	
12:45				Sustaining FOSS Projects By Democratizing The Sponsorship Process						
13:00					Adding Support for a New Language in the Eclipse IDE	Pyodide: scientific Python stack compiled in WebAssembly		No evidence of communication and implementing a protocol: Off-the-Record protocol version 4		
13:15		M3 and a new age of metrics and monitoring in an increasingly complex world		Hackers gotta eat			Profiling Rust		TinyGo BoF ↴	
13:30						Computer Games with MicroPython ↴		RecordFlux: Facilitating the Verification of Communication Pr...		
					Taming The Dinosaur: How Eclipse was Perf...					





