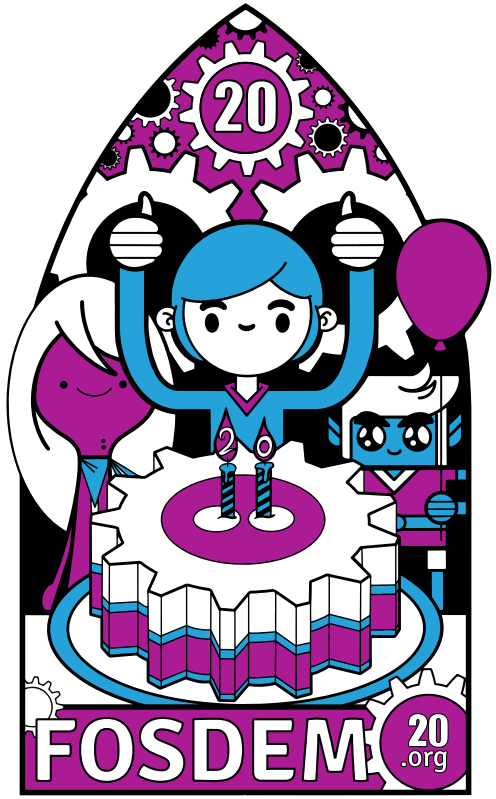
SEE YOU NEXT YEAR

BRUSSELS 1 FEBRUARY - 2 FEBRUARY

SUNDAY



FOSDEM 20 .org

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00
Janson	Open Source Under Attack **Chris Aniszczyk / Max Sills / Michael Cheng** 09:00-09:50	Is the Open door closing? **Krzysztof Daniel** 10:00-10:50	The core values of software freedom **Matthias Kirschner** 11:00-11:50	Why open infrastructure matters **Thierry Carrez** 12:00-12:50	Why the GPL is great for business **Frank Karlitschek** 13:00-13:50
K.1.105 (La Fontaine)	SECCOMP your PostgreSQL Joe Conway 09:00-09:50	dqlite: High-availability SQLite Free Ekanayaka 10:00-10:50	MySQL Goes to 8! Geir Høydalsvik 11:00-11:50	SWIM - Protocol to Build a Cluster Vladislav Shpilevoy 12:00-12:50	Improving protections against speculative execution side channel David Stewart 13:00-13:50
H.2215 (Ferrer)		Open Source - Killing standards organizations or saving them **Charles Eckel** 10:00-10:15 emissions API **Timo Nogueira Brockmeyer** 10:20-10:35 git-issue **Diomidis Spinellis** 10:40-10:55	The Heptapod project **Georges Racinet** 11:00-11:15 puavo.org **Juha Erkkilä** 11:20-11:35 Open Source for students, by students **Kristin Yim** 11:40-11:55	Open Adult Education: a curriculum to bridge the digital skills gap with free and open source technologies **Pia Groenewolt** 12:00-12:15 Prototyping the Internet of Things with Wyliodrin STUDIO **Alexandru Radovici** 12:20-12:35 DuckDB **Hannes Mühleisen** 12:40-12:55	Apache DataSketches **Claude Warren** 13:00-13:15 Go REUSE to license your code: Free Software licensing made simple for everyone **Max Mehl** 13:20-13:35 PICTOR: A free-to-use open source radio telescope **Apostolos Spanakis-Misirlis** 13:40-13:55
H.1301 (Cornil)	1* Useful coroutine patterns for Android applications Erik Hellman 09:15-09:55	Migrating FOSDEM Companion to Kotlin Christophe Beyls 10:00-10:25 Idiomatic Kotlin Microservices Christoph Pickl 10:30-10:55	Automate your workflows with Kotlin Martin Bonnin / Michel Gauzins 11:00-11:25 Experimenting with the Kotlin Compiler Jossi Wolf 11:30-11:55	Communication Break Down | Coroutines Bob Dahlberg 12:00-12:25 How Kotlin can change developer experience with modern graphics APIs Giuseppe Barbieri 12:30-12:55	Improve your Android app with coroutines Geoffrey Métais 13:00-13:25 Confessions of a Serial K–otlin Multiplatform–er Eugenio Marletti 13:30-13:55
H.1302 (Depage)	WebMIDI **Steven Goodwin** 09:00-09:25 Building Decentralized Social Virtual Reality using WebXR on your browser **Rabimba Karanjai** 09:30-09:55	PWAs on steroids **Trishul Goel** 10:00-10:25 Machine Learning on the Web **Harshil Agrawal** 10:30-10:55	XR adds: "Try before you buy" **Anastasiia Miroshnichenko** 11:00-11:25 ReactJs, Redux & Apollo - state management in SUSI.AI **Akshat Garg** 11:30-11:55	Improve React App using design patterns **Ankush Behl** 12:00-12:25 Let's Get Funcy **Jemima Abu** 12:30-12:55	Are PWAs ready to take over the world? **Jarek Lipski** 13:00-13:25 2nd Generation JavaScript Frameworks & Libraries: Beyond Angular, React, and Vue! **Geertjan Wielenga** 13:30-13:55

*1. Kotlin DevRoom Welcoming Remarks, Nicola Corti, 09:00-09:10

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
United Nations Technology and Innovation Labs **Amanda Brock** 14:00-14:50	Regaining control of your smartphone with postmarketOS and Maemo Leste **Merlijn B. W. Wajer / Bart Ribbers** 15:00-15:50	FOSSH - 2000 to 2020 and beyond! **Jon 'maddog' Hall** 16:00-16:50	FOSDEM@20 - A Celebration: The cliché of constant change **Steven Goodwin** 17:00-17:50	Closing FOSDEM 2020 **FOSDEM Staff** 17:55-18:15	**Janson**
SaBRe: Load-time selective binary rewriting Paul-Antoine Arras 14:00-14:50	The year of the virtual Linux desktop Lubosz Sarnecki 15:00-15:50	Making & Breaking Matrix's E2E encryption Matthew Hodgson 16:00-16:50			**K.1.105 (La Fontaine)**
Advancing science with Dataverse **Philip Durbin** 14:00-14:15 Towards decentralized alternatives for code collaboration **Abbey Titcomb** 14:20-14:35 Getting started with FPGA's for Packet Processing **Miroslaw Walukiewicz** 14:40-14:55	Quality diagrams with PyCirkuit **Orestes Mas** 15:00-15:15 License compliance for embedded Linux devices with Buildroot **Luca Ceresoli** 15:20-15:35 Open Source Support Program by OTA **Gratien D'haese** 15:40-15:55	NGI Zero: A treasure trove of tech awesome **Michiel Leenaars** 16:00-16:15 European Software Engineering funded research **Luis C. Busquets Pérez** 16:20-16:35 FOSDEM infrastructure review **Richard Hartmann** 16:40-16:55			**H.2215 (Ferrer)**
Kotlin MP: Into the Multi-Verse Nishant Srivastava 14:00-14:25	Multiplatform Kotlin Library Development Russell Wolf 14:30-14:55	Bridge the physical world: Kotlin/Native on Raspberry Pi Qian Jin 15:00-15:35	Dissecting the inline keyword in Kotlin Suraj Shah 15:40-16:15	Designing a DSL with Kotlin Nicolas Frankel 16:20-17:00	**H.1301 (Cornil)**
Pushing the limits of the Web with WebAssembly **Jon Lopez Garcia** 14:00-14:25	State of Node.js Core **Bethany Griggs** 14:30-14:55	Serverless.com framework **Kirill Kolyaskin** 15:00-15:25 New features of Vue 3.0 **Martin Naughton** 15:30-15:55	How to create Javascript-powered Smartglasses **Ruben van der Leun** 16:00-16:25 Web of Twins **Philippe Coval** 16:30-16:55		**H.1302 (Depage)**

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00
H.1308 (Rolin)	STS in Ceph Object Storage Pritha Srivastava 09:00-09:30 NFS Ganesha Arjun Sharma 09:35-10:05	Evolution of path based Geo-replication in Gluster Hari Gowtham 10:10-10:30 Run ZFS in user-space Harshita Sharma 10:35-10:50	What's new in Samba ? Jeremy Allison 10:55-11:30	Asynchronous Directory Operations in CephFS Patrick Donnelly / Jeff Layton 11:35-12:15 Rook Cloud Native Storage for Kubernetes Alexander Trost 12:15-12:50	Building Blocks for Containerized Ceph Jose Rivera / Rohan Gupta 13:00-13:45
H.1309 (Van Rijn)		Landscape of new challenges in modern virtualization platforms **Olivier Lambert** 10:00-10:30 Public clouds and vulnerable CPUs: are we secure? **Vitaly Kuznetsov** 10:30-11:00	virtio-fs **Stefan Hajnoczi** 11:00-11:30 io_uring in QEMU: high-performance disk I/O for Linux **Julia Suvorova** 11:30-12:00	Lightweight virtualization in the Cloud and at the Edge **Anastassios Nanos / Babis Chalios** 12:00-12:30 LXD for mixed system containers and VM workloads **Stéphane Graber** 12:30-13:00	oVirt 4k - teaching an old dog new tricks **Nir Soffer** 13:00-13:30 Edge Clouds with OpenNebula **Vlastimil Holer** 13:30-14:00
H.2213	Introduction to the devroom and the Open Source Design collective Bernard Tyers / Amit Nambiar 09:30-09:50	Open Source design - Africa Peace Ojemeh 10:00-10:20 What are we talking about when we say "open design"? Manufactura Independente 10:30-10:50	Some Excerpts from the Theory of Design in Architecture Amit Nambiar 11:00-11:20 UI/UX Tips & Tricks for developers Ecaterina Moraru 11:30-11:50	Accessibility in MuseScore Peter Jonas / Marc Sabatella 12:00-12:20 Gitflow Design Diogo Sergio 12:30-12:50	UXBOX, the time for an open source online prototyping platform has arrived Pablo Ruiz-Múzquiz 13:00-13:20 Using biometric gadgets for express-tests in the UX/UI research Dmitriy Kostiuk 13:30-13:50
H.2214		Fibonacci Spirals and 21 Ways to Contribute to Postgres—Beyond Code **Claire Giordano** 10:00-10:50	Find your slow queries, and fix them! **Stephen Frost** 11:00-11:50	A Deep Dive into PostgreSQL Indexing **Ibrar Ahmed** 12:00-12:50	PostgreSQL on K8S at Zalando: Two years in production **Alexander Kukushkin** 13:00-13:50
H.3242					

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
Explicitly Supporting Stretch Clusters in Ceph Gregory Farnum 13:50-14:25	A 'Thin Arbiter' for glusterfs replication Ravishankar N. 14:30-15:15	Management of Storage on OpenShift Ankush Behl / Umanga Chapagain 15:20-15:45	The history of error correction and detection and how it led to Ceph's Erasure Coding Techniques Danny Abukalam 15:50-16:20	Ephemeral Pinning: A Dynamic Metadata Management Strategy for CephFS Sidharth Anupkrishnan 16:25-17:00	H.1308 (Rolin)
Baremetal at the Edge **Ilya Etingof** 14:00-14:30	A VM journey from VMware to Kubernetes **Marek Libra** 14:30-15:00	Back to the future **Eyal Shenitzky / Nir Soffer** 15:00-15:30	Running virtual machines out of thin air **Nir Soffer / Daniel Erez** 15:30-16:00	Reaching "EPYC" Virtualization Performance **Dario Faggioli** 16:00-16:30	H.1309 (Van Rijn)
Beyond the Pile of Knobs: Usability and Design for Privacy, Security, Safety & Consent Georgia Bullen 14:00-14:20	Jumpstarting your business with Odoo Jeroen Baten 14:30-14:50	File sharing & storage for human rights organizations Allon Bar / Abigail Garner 15:00-15:20	Design contributions to OSS: Learnings from the Open Design project at Ushahidi Eriol Fox 15:30-15:50	Designing to change it all Winfried Tilanus 16:00-16:20	Pitch your project Bernard Tyers / Amit Nambiar 16:30-16:50	H.2213
An ultimate guide to upgrading your PostgreSQL installation **Ilya Kosmodemiansky** 14:00-14:50	The State of (Full) Text Search in PostgreSQL 12 **Jimmy Angelakos** 15:00-15:50	RTFM **Federico Campoli** 16:00-16:50			H.2214
	NGI Meetup Michiel Leenaars 15:30-17:00				H.3242

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00
J.1.106			Weblate meetup Michal Čihař 11:00-12:00		
AW1.120	Free Software Radio Devroom Introduction and Hackfest Review **Philip Balister** 09:00-09:30 Modernizing Distribution of SDR Tools and Libraries with Conan **Brennan Ashton** 09:30-10:00	Block Header Parsing Tool **Arpit Gupta** 10:00-10:30 How to evolve the GNU Radio scheduler **Marcus Müller** 10:30-11:00	A Rose by Any Other Name Would Run Just as Long **John Brunhaver** 11:00-11:30 gr-satellites latests developments **Daniel Estévez** 11:30-12:00	r2cloud - Decode satellite signals on Raspberry PI **Andrey Rodionov** 12:00-12:30 Platform independent CPU/FPGA co-design: the OscImp-Digital framework **Jean-Michel Friedt** 12:30-13:00	Striving for Performance Portability of Software Radio Software in the Era of Heterogeneous SoCs **Jeffrey Vetter** 13:00-13:30 Cooperative Perception in Future Cars using GNU Radio **Augusto Vega** 13:30-14:00
AW1.121	1* Orchestrating jails with nomad and pot Luca Pizzamiglio 09:10-09:55	OpenSMTPD over the clouds Giovanni Bechis 10:00-11:00	NetBSD - Not Just For Toasters Benny Siegert 11:05-11:35	FreeBSD Around the World! Deb Goodkin 11:40-12:20 FreeBSD and LLVM support David Carlier 12:25-13:05	Break your BSD kernel Maciej Grochowski 13:10-14:10
AW1.125	Making poetry with Racket **Jérôme Martin** 09:30-09:50 A small, FRP DSL for distributed systems **James Shubin** 09:50-10:10 XL, an extensible programming language **Christophe de Dinechin** 10:10-10:30	Forth - The New Synthesis **Ulrich Hoffmann** 10:30-10:50 A minimal pur object-oriented reflective language **Stephane Ducasse** 10:50-11:10 Bootstrapping minimal reflective language kernels **Pablo Tesone** 11:10-11:30	Universal package & service discovery with Guix **Pierre Neidhardt** 11:30-11:50 GNU Mes **Jan Nieuwenhuizen (janneke)** 11:50-12:10	Lisp everywhere! **Pjotr Prins** 12:10-12:40 Celebrating Guile 2020 **Andy Wingo** 12:40-13:10	Introduction to G-Expressions **Christopher Marusich** 13:10-13:40 Let me tell you about Raku **Juan Julián Merelo** 13:40-14:00
AW1.126	istsos3: Data Analysis and statistical tools and unit conversions Rahul Chauhan 09:00-09:15	Introduction to Spatio-Temporal Asset Catalogs (STAC) Matthias Mohr 09:20-09:40 Introduction to openEO Matthias Mohr 09:40-10:00	GeoServer Basics Jody Garnett 10:05-10:25 GeoNetwork Basics Jody Garnett 10:25-10:45	Getting inspired by open software for a web site: g3n.fyi Thomas Bremer 10:50-11:10 Arabesque: a geographic flow visualization application Nicolas Roelandt 11:15-11:35	Boost.Geometry R-tree - speeding up geographical computation. Adam Wulkiewicz 11:40-12:00 Testing Navit using Device Farms Patrick Höhn 12:05-12:25 Reverse Geocoding is not easy Ilya Zverev 12:30-12:50	Working with spatial trajectories in Boost Geometry Vissarion Fysikopoulos 12:55-13:15 MobilityDB Mahmoud Sakr 13:20-13:40 Geospatial queries on multi-petabyte weather data archives Emanuele Danovaro 13:45-14:05

*1. Welcome to the BSD devroom, Rodrigo Osorio, 09:00-09:05

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
					J.1.106
srsLTE project update **Andre Puschmann** 14:00-14:30 Channel Equalization using GNU Radio **Josh Morman** 14:30-15:00 Task Scheduling of Software-Defined Radio Kernels in Heterogeneous Chips: Opportunities and Challenges **Augusto Vega** 15:00-15:30 SDR4IoT - Using SDR for IoT Device Fingerprinting and Localization **Alexis DUQUE** 15:30-16:00 openwifi **Xianjun Jiao** 16:00-16:30 Software Defined Radio based scientific instrumentation **Jean-Michel Friedt** 16:30-17:00					AW1.120
KDE on FreeBSD Adriaan de Groot 14:15-14:30	NetBSD audio - a userland perspective Nia Alarie 14:35-15:20	X11 and Wayland: A tale of two implementations raichoo 15:25-15:55	Graphing FreeBSD disk utilization with Prometheus Thomas Steen Rasmussen 16:00-17:00		AW1.121
Minimalistic typed Lua is here **Hisham Muhammad** 14:00-14:30 RaptorJIT: a fast, dynamic systems programming language **Max Rottenkolber** 14:30-14:50 The best of both worlds? **Steph Hobbs** 14:50-15:20 C and JS as intermediary languages **Peter Munch-Ellingsen** 15:20-15:50 Move semantics in Nim **Andreas Rumpf (Araq)** 15:50-16:20 Designing an ultra low-overhead multithreading runtime for Nim **Mamy Ratsimbazafy** 16:20-16:40 Async await in Nim **Dominik Picheta** 16:40-17:00					AW1.125
actinia: geoprocessing in the cloud Markus Neteler 14:10-14:30	RoboSat.pink: Deep Learning Computer Vision patterns extraction at scale Olivier Courtin 14:35-14:55	Apache Spark on planet scale Denis Chaplygin 15:00-15:20	Creating GPX tracks from cycle routes in OpenStreetMaps Henry Miskin 15:25-15:45	Divide and map. Now. Jiri Vlasak 15:50-16:10	Integration Processes María Arias de Reyna 16:15-16:35	The Wallonian GeoChallenge Invitation Emmanuel Jauquet 16:40-17:00	AW1.126

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00
K.3.201	Do Linux Distributions Still Matter with Containers? **Scott Mccarty** 09:00-09:55	What's up on Haiku? **François Revol (mmu_man)** 10:00-10:25 Homebrew: Features and Funding **Mike McQuaid** 10:30-10:55	GNU Guix as an alternative to the Yocto Project **Mathieu Othacehe** 11:00-11:25 Software distribution: new points of failure **Alexander E. Patrakov** 11:30-11:55	Reinventing Home Directories **Lennart Poettering** 12:00-12:55	Using systemd security features to build a more secure distro **Zbigniew Jędrzejewski-Szmek** 13:00-13:55
K.3.401	Discover dependency license information with ClearlyDefined Jeff Mendoza 09:00-09:25 cargo deny Jake Shadle 09:30-09:55	Packaging Rust programs in GNU Guix Efraim Flashner 10:00-10:25 rustdoc: beyond documentation Guillaume Gomez 10:30-10:50	Rusty instruments Benedict Gaster 10:50-11:35 Optimizing rav1e Luca Barbato 11:40-12:25	Rust techniques used in sled Tyler Neely 12:30-12:55	RedisJSON Christoph Zimmermann 13:00-13:45
K.4.201		Low-end platform profiling with HawkTracer profiler **Marcin Kolny** 10:05-10:30 GDB pipelines -- convenience iteration over inferior data structures **Matthew Malcomson** 10:35-11:05	The GDB Text User Interface **Tom Tromey** 11:10-11:40 Memcheck Reloaded **Julian Seward** 11:45-12:25	Modern strace **Dmitry Levin** 12:30-13:00	strace: fight for performance **Eugene Syromyatnikov** 13:05-13:35 strace --sec-comp-bpf: a look hunder the hood **Paul Chaignon** 13:40-14:10
K.4.401	BSP generator for 3000+ ARM microcontrollers Fabien Chouteau 09:00-09:25 On-hardware debugging of IP cores with free tools Anton Kuzmin 09:30-09:55	Continuous Integration for Open Hardware Projects Mario Behling 10:00-10:25 Open Source Firmware Testing at Facebook Andrea Barberio 10:30-10:55	FreedomEV 2.0 Jasper Nuyens 11:00-11:55	A free toolchain for 0.01 € - computers Philipp Klaus Krause 12:00-12:25	Status of AMD platforms in coreboot Michał Żygowski 12:30-12:55	Open Source Hardware for Industrial use Tsvetan Usunov 13:00-13:55
K.4.601	seL4 Microkernel Status Update **Gernot Heiser** 09:00-09:50	M³: Taking Microkernels to the Next Level **Nils Asmussen** 10:00-10:35 HeleNOS in the Year of the Pig **Jakub Jermář** 10:40-10:55	Linux Kernel Library **Hajime Tazaki** 11:00-11:25 Phantom OS **Dmitry Zavalishin** 11:30-11:55	Gneiss: A Nice Component Framework in SPARK **Johannes Kliemann** 12:00-12:25	A Component-based Environment for Android Apps **Alexander Senier** 12:30-12:55	Demonstration of the Sculpt Operating System **Norman Feske** 13:00-13:50

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
Introducing libeconf **Richard Brown** 14:00-14:25 GRUB upstream and distros cooperation **Daniel Kiper** 14:30-14:55	Integrating new major components on fast and slow moving distributions **Frederic Crozat** 15:00-15:55	Fedora rawhide packages gating, for real! **Pierre-Yves Chibon** 16:00-16:55			K.3.201
Sharing memories of Python and Rust Raphaël Gomès 13:50-14:15 Building WebGPU with Rust Dzmitry Malyshau 14:20-15:05	Progress of Rust and WASM in 2019 Ilya Baryshnikov 15:10-15:35 Rustifying the Virtual Machine Introspection ecosystem Mathieu Tarral 15:40-16:05	zbus: yet another D-Bus library Zeeshan Ali 16:10-16:55			K.3.401
Tools and mechanisms to debug BPF programs **Quentin Monnet** 14:15-14:55	Support for mini-debug-info in LLDB **Konrad Kleine** 15:00-15:15 The elfutils debuginfod server **Mark Wielaard / Frank Ch. Eigler** 15:20-16:00	Debugging apps running in Kubernetes **Jeff Knurek** 16:05-16:35			K.4.201
FOSDEM Video Box Mark Van den Borre / Luc Verhaegen / Gerry Demaret 14:00-14:55	Using OSHW and OSS for building your custom hardware platform Priit Laes 15:00-15:55	Extending the lifetime of smartphones with Replicant, a fully free Android distribution Denis Carikli (GNUtoo) 16:00-16:55			K.4.401
A Brief Survey through Genode's ARMv8 Playground **Stefan Kalkowski** 14:00-14:25 NOVA Microhypervisor on ARMv8-A **Udo Steinberg** 14:30-15:20	The HIPPEROS RTOS **Antonio Paolillo** 15:30-15:55	Unikraft: A Unikernel Toolkit **Simon Kuenzer** 16:00-16:25 VUOS: Give Your Processes a New VU **Renzo Davoli** 16:30-16:55			K.4.601

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00						10:00		11:00		12:00		13:00	
UA2.114 (Baudoux)	How Firefox upholds its values and keeps up with change Emma Humphries 09:00-09:25			Thunderbird in 2020 and Beyond: A Look into the Future of the Thunderbird Project Ryan Lee Sipes 09:30-10:00			Make it accessible Gabriele Falasca 10:00-10:25	You Can't Spell Accessibility Without CSS Jemima Abu 10:30-10:55	Is the web rea11y for all? Ioana Chiorean 11:00-11:25	What are the Top 10 Frustrations for Web Developers and Designers? Kadir Topal 11:30-12:10	Discover the New Firefox Profiler Nazım Can Altınova 12:15-12:40	Web compatibility and ML Nemo 12:45-13:10	Facilitating distributed deterministic computation with WASI Jakub Konka 13:15-13:55	
UA2.220 (Guillissen)	1*	2*	3*	4*	5*	6*	RFC 1984 **Esther Payne** 10:00-10:30	Fixing healthcare data exchange with decentralized FOSS **Steven van der Vegt** 10:30-11:00	P2P how and Kademlia **Kishan Sagathiya** 11:00-11:30	GNUnet: A network protocol stack for building secure, distributed, and privacy-preserving applications **Martin Schanzenbach** 11:30-12:00	Knocking Down the Nest **Devan Carpenter** 12:00-12:30	Peer-to-peer collaboration, search & discovery **TG x** 12:30-13:00	DAT protocol in the browser: Progress and Challenges **Sam Macbeth** 13:00-13:30	An Introduction to the Tor Ecosystem for Developers **Alexander Færøy** 13:30-14:00
UB2.147				Tesselle image viewer Arnaud Pichon 09:30-09:55			The Rise and Fall and Rise of JPEG2000 Aaron Boxer 10:00-10:25	Rendering QML to make videos in Kdenlive Akhil Gangadharan Kurungadathil 10:30-10:55	GStreamer on the Magic Leap One Xavier Claessens 11:00-11:25	GPAC 1.0 Overview Jean Le Feuvre 11:30-11:55	IMSC Open Source Projects Andreas Tai 12:00-12:25	Which video network streaming protocol should I use? Olivier Crête 12:30-12:55	FOSS in Animation Frank Rousseau 13:00-13:25	dav1d: 1 year later Jean-Baptiste Kempf 13:30-13:55
UB2.252A (Lameere)	The State of Go **Francesc Campoy / Maartje Eyskens** 09:00-09:30			Functional Programming with Go **Dylan Meeus** 09:30-10:00			Porting Go to NetBSD/arm64 **Maya Rashish** 10:00-10:30	Build real-world gaming hardware with TinyGo **Daniel Esteban** 10:30-11:00	Diversity, Finally **Ronna Steinberg** 11:00-11:30	From Go to Kubernetes CRDs and Back **Stefan Schimanski** 11:30-12:00	Deterministic debugging with Delve **Derek Parker** 12:00-12:30	Classify things in Go: the easy way. **Sheimy Rahman** 12:30-13:00	Dragons of CGO **K.S. Bhaskar** 13:00-13:30	Advanced debugging techniques of Go code **Andrii Soldatenko** 13:30-14:00
UB4.132				LPI Exam Session 3 LPI Team 09:30-11:30							LibreOffice Exam Session 1 LibreOffice Team 12:00-13:00			LibreOffice Exam Session 2 LibreOffice Team 13:30-14:30
UB4.136	Continuous Delivery starts with Continuous Infrastructure **Kris Buytaert** 09:00-09:40			An event based approach for CI/CD pipelines **Emelie Pettersson / Fredrik Fristedt** 09:45-10:25			Mario's adventures in Tekton land **Andrea Frittoli / Vincent Demeester** 10:30-11:10	Test Software On Emulated Hardware In Containers... In The Cloud **Sean A. Parker / Paul Schroeder** 11:15-11:55			Infrastructure CICD with KubeVirt and Tekton **Tyler Auerbeck** 12:00-12:15	Choosing The Right Deployment Strategy **Viktor Farcic** 12:20-13:00	Progressive Delivery **Carlos Sanchez** 13:05-13:45	7*

*1. Close lid to encryptn Tim Dittler, 09:00-09:10 | *2. Open and federated identities with ID4me, Vittorio Bertola, 09:10-09:20 | *3. Identity Box, Marcin Czenko, 09:20-09:30
*4. Decentralized object storage, Ivan Fraixedes, 09:30-09:40 | *5. Librecast: Privacy and Decentralization with Multicast, Brett Sheffield, 09:40-09:50
*6. SCION - future internet that you can use today, Mateusz Kowalski, 09:50-10:50 | *7. A Practical CI/CD Framework for Machine Learning at Massive Scale, Alejandro Saucedo, 13:50-14:05

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
Loanwords, Agriculture & WebAssembly Andre Garzia 14:00-14:25	A Mozilla IoT Forecast thats Sunny and Clear -- No Clouds! Kathy Giori 14:30-14:55	(re)Activating the Common Voice project at a local level Redon Skikuli 15:00-15:25	Privacy by Design Trishul Goel 15:30-15:55	What Makes People Come and What Makes Them Stay Gloria Dwomoh 16:00-16:30		UA2.114 (Baudoux)
OpenPush **Marcus Hoffmann** 14:00-14:30	The Path to Peer-to-Peer Matrix **Matthew Hodgson** 14:30-15:00	Building a Web App that Doesn't Trust the Server **Daniel Huigens** 15:00-15:30	MaadiX, your cloud in your hands **Maddish Falzoni (MaadiX)** 15:30-16:00	Decentralizing OAuth2.0 in a post-GDPR world for full privacy and portability **Mehdi Medjaoui** 16:00-16:30	Who will Decentralise the Fediverse? **kyzh** 16:30-17:00	UA2.220 (Guillissen)
rav1e - 0.3.0 and after Luca Barbato 14:00-14:25	Spleeter by Deezer Anis Khlif / Félix Voituret 14:30-14:55	Functional audio and video stream generation with Liquidsoap Romain Beauxis 15:00-15:25	Building an Open-Source based audio streaming platform Maxime Bugeia 15:30-15:55	The moldability of mpv David Heijkamp 16:00-16:15	Getting Your Virtual Hands On RIST Sergio Ammirata 16:20-17:00	UB2.147
Debug code generation in Go **Jaana Dogan** 14:00-14:30	Uplift your Linux systems programming skills with systemd and D-Bus **Leonid Vasilyev** 14:30-15:00	Deep Learning For Gophers **Rashmi Nagpal** 15:00-15:30	Speed up the monolith **Alessio Caiazza** 15:30-16:00	Go Lightning Talks 16:00-17:00		UB2.252A (Lameere)
	LibreOffice Exam Session 3 LibreOffice Team 15:00-16:00					UB4.132
Our road to a k8s/GKE based Closed Build Environment **Siegfried Kiermayer** 14:10-14:50	From a Pipeline to a Government Cloud **Toby Lorne (tlwr)** 14:55-15:35	Deployment to hardware **William Salmon** 15:40-16:20	Safe, gated and integrated GitOps for Kubernetes **Mohammed Naser** 16:25-17:00			UB4.136

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00
UB4.228		Open Source Hardware and Soldering Workshop Tsvetan Usunov 10:00-17:00			
UB5.132	Introducing HPC with a Raspberry Pi cluster **Colin Sauze** 09:00-09:25 Building an open source data lake at scale in the cloud **Adrian Woodhead** 09:30-09:55	Magic Castle: Terraforming the Cloud for HPC **Félix-Antoine Fortin** 10:00-10:25 Maggy: Asynchronous distributed hyperparameter optimization based on Apache Spark **Moritz Meister** 10:30-10:55	Snorkel Beambell - Real-time Weak Supervision on Apache Flink **Suneel Marthi** 11:00-11:25 Efficient Model Selection for Deep Neural Networks on Massively Parallel Processing Databases **Frank McQuillan** 11:30-11:55	Predictive Maintenance **Corvin Jaedicke** 12:00-12:25 1* 2* 3* 4* Putting Artificial Intelligence back into people's hands **Vincent Lequertier** 13:30-13:55	
UB5.230	Applying Open Culture Practices across Distributed Teams Katrina Novakovic 09:05-09:30 Organizing Open Source for Cities Jacob Green 09:35-10:00	The next generation of contributors is not on IRC Matthew Broberg 10:05-10:30 The Ethics of Open Source Don Goodman-Wilson 10:35-11:00	Engineers, Call Your Policy People! Astor Nummelin Carlberg & Paula Grzegorzewska 11:05-11:30 Building Ethical Software Under Capitalism Deb Nicholson 11:30-11:50	Cognitive biases, blindspots and inclusion Allon Mureinik 11:55-12:20 Growing Sustainable Contributions Through Ambassador Networks Alison Yu and Shilla Saebi 12:25-12:50	Bringing back ethics to open source Tobie Langel 12:55-13:15 Be The Leader You Need in Open Source Megan Sanicki 13:20-13:45
UD2.119	6* Insights into the Eclipse Open Source Project - News from the Eclipse Platform and IDE Project **Lars Vogel** 09:05-09:25 Surfing the Tsunami - News from the IntelliJ IDEA Community **Trisha Gee** 09:30-09:50 From Oracle to Apache - News from the NetBeans Community **Geertjan Wielenga** 09:55-10:15	New Java Features & Apache NetBeans **Jan Lahoda** 10:20-10:40 NetBeans IDE - Creating an Apache NetBeans Distribution **Emilian Bold** 10:45-11:05	LSP for Java and GraalVM Development **Martin Entlicher** 11:10-11:30 Eclipse Loves LSP - Achieving More with Less **Alexander Kurtakov** 11:35-11:55	Language Server Protocol & Debug Adapter Protocol to the Rescue of Web Development in Eclipse IDE **Mickael Istria** 12:00-12:20 Flutter Development in Eclipse **Jonas Hungershausen** 12:25-12:45	Emacs Should Be Emacs Lisp - Thoughts on the Future of Emacs **Tom Tromey** 12:50-13:10 TerosHDL - Open Source IDE for FPGA Developers. **Carlos Alberto** 13:15-13:35 Projectional Editing and Its Implications **Václav Pech** 13:40-14:00

*1. Towards reproducible Jupyter notebooks, Ludovic Courtès, 12:30-12:40 | *2. Buildtest: HPC Software Stack Testing Framework , Shahzeb Siddiqui, 12:45-12:55
*3. Facilitating HPC job debugging through job scripts archival, Andy Georges, 13:00-13:10 | *4. Sharing Reproducible Results in a ContainerEfraim Flashner, 13:15-13:25
*5. Building Community for your Company's OSS Projects, Dawn Foster, 13:50-14:10 | *6. Welcome to the Free Tools & Editors Room!, Geertjan Wielenga / Lars Vogel / Trisha Gee, 09:00-09:05

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
					UB4.228
GraphBLAS: A linear algebraic approach for high-performance graph algorithms **Gabor Szarnyas** 14:00-14:25	Selecting a Finite Element Analysis Backend for Exascale Fusion Reactor Simulations **Aleksander J. Dubas** 14:30-14:55	Build for your microarchitecture: experiences with Spack and archspec **Todd Gamblin** 15:00-15:25	HPC on OpenStack **Ümit Seren** 15:30-15:55	Interactive applications on HPC systems **Erich Birngruber** 16:00-16:25	Building cloud-based data services to enable earth-science workflows across HPC centres **John Hanley** 16:30-16:55	UB5.132
5*	Lessons Learned from Cultivating Open Source Projects and Communities JJ Asghar 14:15-14:40	Free software in education Dominik George 14:45-15:10	Engaging Enterprise consumers of OSS Jacob Redding 15:10-15:35	Recognising Burnout Andrew Hutchings 15:40-16:05	How Does Innersource Impact on the Future of Upstream Contributions? Bradley M. Kuhn 16:10-16:35	Building a thriving community in company-led open source projects: Community matters in corporate open source Ray Paik 16:40-17:00	UB5.230
IntelliJ Elixir - Elixir Plugin for JetBrains IDEs **Luke Imhoff** 14:05-14:25	VSCode Extension for OpenShift Developers **Sudhir Verma** 14:30-14:50	Developer Workspace As Code - Is Developer Heaven in the Cloud? **Lukas Krejci** 14:55-15:15	FaaS You Like It: Create Serverless Functions & Run Anywhere **Ewan Slater** 15:20-15:40	Bach.java **Christian Stein** 15:45-16:05	Unit Testing with JUnit Jupiter - How to Use the new JUnit Jupiter Platform **Karl Heinz Marbaise** 16:15-16:35		UD2.119

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments

SUNDAY 2 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00
UD2.120 (Chavanne)	1* · Distributed Tracing for beginners — Juraci Paixão Kröhling 09:10-09:35 · Grafana: Successfully correlate metrics, logs, and traces — Andrej Ocenas 09:50-10:15 · Jaegertracing in Ceph — Deepika Upadhyay 10:30-10:55 · Stories around ModBus — Richard Hartmann 11:10-11:35 · Monitoring strawberries — Jean-Marc Davril 11:50-12:15 · Querying millions to billions of metrics with M3DB's inverted index — Rob Skillington 12:30-12:55 · Secret History of Prometheus Histograms — Björn Rabenstein (Beorn) 13:10-13:35				
UD2.208 (Decroly)	Jitsi: video conferencing for the privacy minded — **Saúl Ibarra Corretgé** 09:00-09:15 · Janus as a WebRTC "enabler" — **Lorenzo Miniero** 09:20-09:35 · Build your own ENUM server using CGRateS — **Teofil Voivozeanu** 09:40-09:55 · Linphone Instant Messaging Encryption — **Elisa Nectoux** 10:00-10:20 · Collaboration between Free RTC projects — **Daniel Pocock** 10:25-10:45 · XMPP: get your shoping cart ready! — **Winfried Tilanus** 10:50-11:10 · Crossing the Bifröst - Bridging All The Things with Matrix — **Matthew Hodgson** 11:15-11:35 · High quality VoIP platforms with Kamailio — **Henning Westerholt** 11:40-11:55 · Explore your VoIP Network with SIP3 — **Oleg Agafonov** 12:25-12:40 · WebRTC isn't just for (video) conference calls — **Tim Panton** 12:45-13:05 · Wazo Platform — **Mathias Wolff** 13:10-13:30 · HOMER 2020 — **Lorenzo Mangani** 13:35-13:50				
UD2.218A	3* · Checkpointing in a real time OS for transiently-powered embedded systems — David Garriou 09:10-09:30 · Building composable IOT toolsets with Docker, Node-Red and OpenOCD — Dimitri del Marmol (ddm) 09:30-09:50 · Making a robot controller from scratch — Philippe Coval 09:50-10:10 · AI at the edge with Tensorflow Lite to Design the Future of Vertical Farming — Alexis DUQUE 10:10-10:30 · Sphactor: actor model concurrency for creatives — Arnaud Loonstra 10:30-10:50 · Zyre: p2p messaging to fuck the cloud — Benjamin Henrion (zoobab) 10:50-11:10 · How to build Webthings? — Christian Paul 11:10-11:30 · Astarte: A Data-First approach to IoT — Dario Freddi 11:30-11:50 · Building IoT solutions with Eclipse IoT technology — Sven Erik Jeroschewski 11:50-12:10 · IoT Updates with IPv6 Multicast — Brett Sheffield 12:10-12:30 · IoT with CircuitPython — David Glaude 12:30-12:50 · 4* · 5* · IOT Lightning Talks 13:10-13:30 · IoT Projects in FLOSS Foundations — Alvaro del Castillo 13:30-14:00				

*1. Intro, Richard Hartman, 09:00-09:05 | *2. Are You Testing Your Observability? Patterns for Instrumenting Your Services, Bartek Plotka / Kemal Akkoyun, 13:50-14:15
*3. How many engineers does it take to change an IOT light bulb?, , 09:00-09:10 | *4. PSLab.io, Mario Behling, 12:50-13:00
*5. Erlang and Elixir on IoT devices using AtomVM, Davide Bettio, 13:00-13:10

SUNDAY 2 FEBRUARY - SECOND PART

FOSDEM 20.org

14:00	15:00	16:00	17:00	18:00	
2*	How to measure Linux Performance Wrong Peter Zaitsev 14:30-14:55	From Zero to Useless to Hero: Make Runtime Data Useful in Teams Florian Lautenschlager 15:10-15:35	Grafana-As-Code: Fully reproducible Grafana dashboards with Grafonnet Julien Pivotto / Malcolm Holmes 15:50-16:15	Monitoring of a Large-Scale University Network: Lessons Learned and Future Directions Simone Maineardi / Tobias Appel 16:30-16:55	UD2.120 (Chavanne)
Nextcloud Talk **Björn Schießle** 13:55-14:15	Modern VoIP in Modern Infrastructures **Giacomo Vacca** 14:20-14:35 Migrating reSIProcate to C99 stdint types **Izabela Bakollari** 14:40-15:00	Introducing Falconieri: Remote Provisioning Service as a Service **Matteo Valentini** 15:05-15:25 Asterisk: A Project Update **Matthew Fredrickson** 15:30-15:45	Chat Over IMAP (COI): State of the Union **Robert Virkus** 15:50-16:05 Reach for the Clouds With OpenSIPS 3.0 **Liviu Chircu** 16:10-16:30		UD2.208 (Decroly)
Kubernetes of Things Stefan Schimanski 14:00-14:30	Insight Fieldtracks yanosz 14:30-15:00	WolfBoot Daniele Lacamera 15:00-15:30 Using Micropython to develop an IoT sensor platform with an Augmented Reality UI Nicholas Herriot 15:30-16:00	TinyGo: Fast, Small, Concurrent: Choose Three Ron Evans 16:00-16:30	Tarantool Cartridge: Framework for Distributed Apps Artur Barsegyan 16:30-17:00	UD2.218A

Please refer to the website for updates or last minute changes:
https://fosdem.org/schedule/amendments