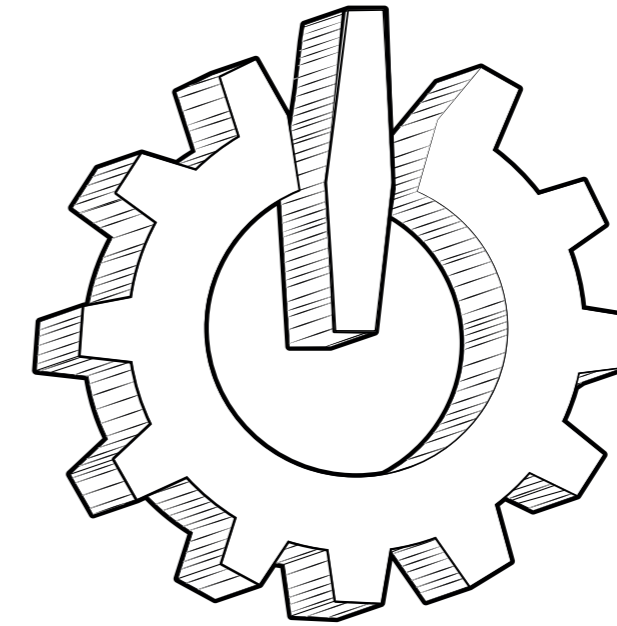


SEE YOU NEXT YEAR

BRUSSELS 2 FEBRUARY - 3 FEBRUARY

SUNDAY



(em)powering the world
free and open source software

FOSDEM¹⁹
.org

SUNDAY 3 FEBRUARY - FIRST PART

FOSDEM 19.org

SUNDAY 3 FEBRUARY - SECOND PART

FOSDEM 19.org

	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00
Janson	SSPL, Confluent License, CockroachDB License and the Commons Clause Michael Cheng 09:00-09:50	Solid: taking back the Web through decentralization Ruben Verborgh 10:00-10:50	The Current and Future Tor Project Roger Dingledine 11:00-11:50	Algorithmic Sovereignty and the state of community-driven open source development Denis Roio (Jaromil) 12:00-12:50
K.1.105 (La Fontaine)	Love What You Do, Everyday! Zaheda Borhat 09:00-09:50	Tesla Hacking to FreedomEV! Jasper Nuyens 10:00-10:50	Go on Microcontrollers: Small Is Going Big Ron Evans 11:00-11:50	Fine-grained Distributed Application Monitoring Using LTTng Jeremie Galarneau 12:00-12:50
H.2215 (Lightning talkss)		Squeezing Water from Stone - KornShell in 2019 Siteshwar Vashisht 10:00-10:15	Environment Modules Xavier Delaruelle 10:20-10:35	Console oriented services: wttr.in, cheat.sh, rate.sx Igor Chubin 10:40-10:55
			Nuspell: the new spell checker Sander van Ge-loven 11:00-11:15	Metaprogramming with Nim Peter Munch-Ellingsen 11:20-11:35
			Open Food Network Pau Pérez 11:40-11:55	Open-Score Peter Jonas 12:00-12:15
				0 A.D., a libre real-time strategy game Nicolas Auvray 12:20-12:35
				Debian Java: Insights and challenges at first hand Markus Koschany 12:40-12:55
H.1301 (Community)	Welcome Supporting FOSS Community Members with Impostor Syndrome Sage Sharp 09:10-09:40	Companies and Communities Deb Nicholson / Nithya Ruff 09:45-10:15	The Open Source Community: its past and future Nick Vidal 10:20-10:50	Improve your project's on-ramps for new participants Clif Kussmaul 10:55-11:25
			Community Data is Not Community Metrics Brian Proffitt 11:30-12:00	Building a Community Metrics Strategy Dawn Foster 12:00-12:30
				Sustaining FOSS Projects By Democratizing The Sponsorship Process Duane O'Brien 12:35-13:05
H.1302 (Blockchain)	Best Practices for Building Scalable Blockchain Applications Girish Nuli 09:00-09:40	Distributed ledgers finally brought me a usable digital identity! Richard Esplin 09:40-10:20	Etherlime: open source blockchain development tool Ognyan Chikov 10:20-10:50	An overview of Tezos focusing on On-Chain Governance Pietro Abate 10:50-11:20
			Hey, A Blockchain-Based Social Network Thomas Vanderstraeten 11:20-11:40	How to build your own Ethereum client Jacek Sieka 11:40-12:10
				Open-Greffe Alex Hajjar 12:10-12:25
H.1308 (Javascript)	JavaScript: If you love it, set it free John Sullivan 09:00-09:25	Cross browser extensions Trishul Goel 09:30-09:55	Using Progressive Web Apps to control IoT N. Herriot 10:00-10:25	Machine learning using Javascript Fabien Benetou 10:30-10:55
			From jQuery to React Amir Fefer 11:00-11:25	Developing data structures for JavaScript G. Plique 11:30-11:55
			Where is my error gone? Bo Vandersteene 12:00-12:25	PWA caching strategies Gabriele Falasca 12:30-12:55

	13:00 - 14:00	14:00 -15:00	15:00 - 16:00	16:00 - 17:00	17:00-17:50 - Janson 2019 - Fifty years of Unix and Linux advances Jon 'maddog' Hall
	Open Source at DuckDuckGo Chris Brind 13:00-13:50	Crostini: A Linux Desktop on ChromeOS Guido Trotter / Dylan Reid 14:00-14:50	Open Source C#, .NET, and Blazor - everywhere PLUS WebAssembly Scott Hanselman 15:00-15:50	The Cloud is Just Another Sun Kyle Rankin 16:00-16:50	Janson
	eBPF powered Distributed Kubernetes performance analysis Lorenzo Fontana 13:00-13:50	Perl 11 Will the Chill Braswell 14:00-14:50	Making the next blockbuster game with FOSS tools Juan Linietsky 15:00-15:50	SUSI.AI: An Open Source Platform for Conversational Web Hong Phuc 16:00-16:50	K.1.105 (La Fontaine)
	Automating Client Library Generation: Avital Tzubeli 13:00-13:15	Introducing DBus-ASIO Steven Goodwin 13:20-13:35	Neuropil - Secure Interaction for Things Stephan Schwichtenberg 13:40-13:55	The brief case for User-space Network Stacks (DPDK and friends) Ray Kinsella 14:00-14:15	
		TRex Hanoch 14:20-14:35	Next Generation Internet initiative - Year Zero Michiel Leenaars 14:40-14:55	Add enterprise 2FA to your ownCloud in 15 minutes Cornelius Kölbl 15:00-15:15	
			Lemon-LDAP ::NG 2.0 Clément Oudot 15:20-15:35	Mon-ica, a personal CRM. Alexis Saettler 15:40-15:55	
				Good Will Snapping Alan Pope 16:00-16:15	
				LAVA federated testing Rémi Durafort 16:20-16:35	
				FOSDEM infrastructure review Richard Hartmann 16:40-16:55	H.2215 (Lightning talks)
	Hackers gotta eat Kohsuke Kawaguchi 13:10-13:40	Consorting with Industry Phil Weir 13:45-14:15	Back From the Dead Tomer Brisker 14:20-14:50	Coaching for Open Source Communities 2.0 Daniele Scasciafratte 14:55-15:25	
				Towards a sustainable solution to open source sustainability Tobie Langel 15:30-16:00	
				"Collaboration in Open Source Is the Better Way" Lauri Apple 16:05-16:35	H.1301 (Community)
	HWallet: The simplest Bitcoin hardware wallet Nemanja Nikodijevic 13:00-13:30	P4: Private Periodic Payments Protocol Liz Steininger 13:30-13:50	Protecting Secrets with Hardware Michael Schloh von Bennewitz 13:50-14:20	Sustain in Open Source with Gitcoin Saptak Sengupta 14:20-14:40	
				the current and future state of Ethereum Aidan Hyman 14:40-15:10	
				The DAO of Bisq Eyal RON 15:10-15:50	
				Substrate Shawn Tabrizi 15:50-16:20	
				Hyperledger Fabric - Blockchain for the Enterprise Arnaud Le Hors 16:20-16:50	H.1302 (Blockchain)
	Less painful E2E tests with Cypress.io Pavel Kruhlei 13:00-13:25	JavaScript as a teaching-tool Evan Cole 13:30-13:55	Bring JavaScript to the Internet of Things Ziran Sun 14:00-14:25	Hacking NodeJS applications for fun and profit José Manuel Ortega 14:30-14:55	
				Testing GraphQL in your JavaScript application Roy Derks (@gethackteam) 15:00-15:25	
				Web Components are the future. And the future is now! Davy Engone (Hackages) 15:30-15:55	
				Node.js feature-flipping through Git Matthias Dugué 16:00-16:25	
				The JavaScript Binary AST David Teller 16:30-16:55	H.1308 (Javascript)

SUNDAY 3 FEBRUARY - FIRST PART

FOSDEM 19.org

SUNDAY 3 FEBRUARY - SECOND PART

FOSDEM 19.org

	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00
H.1309 (Real Time Communications)	Asterisk WebRTC frontier: make client SIP Phone with sipML5 and Janus Gateway Alessandro Polidori 09:00-09:20	XMPP Beyond Instant Messaging Jérôme Poisson (Goffi) 09:25-09:45	Kamailio VoIP development update Henning Westerholt 09:50-10:10	Beyond the webrtc.org monoculture Jeremy Lainé 10:15-10:35
		Breaking the 100 bits per second barrier with Matrix Matthew Hodgson 10:40-11:00	Break the Messaging Silos with COI Robert Virkus 11:05-11:25	Building Immersive Experiences with the Web Dan Jenkins 11:30-11:50
			Introduction to reSIPProcate Daniel Pocock 11:55-12:15	Asterisk 16: What's new in the world of Asterisk Matthew Fredrickson 12:20-12:40
				Building a multi-node SIP Platform using OpenSIPS Razvan Craina / Liviu Chircu 12:45-13:05
H.2213 (Machine Learning on Code)	Understanding Source Code with Deep Learning Miltos Allamanis 09:10-09:50	Suggesting Fixes during Code Review with ML Vadim Markovtsev 09:50-10:30	Astor: An automated software repair framework Matias Martinez 10:30-11:10	Code anomalies in Kotlin programs Timofey Bryksin 11:10-11:50
			Predicting areas for PR Comments based on Code Vectors & Mailing List Data Holden Karau 11:50-12:30	Deduplication on large amounts of code Romain Keramitas 12:30-13:10
H.2214 (Software Defined Storage)	NFS-Ganesha Weather Report Jiffin Tony Thottan 09:00-09:20	Leveraging ceph-mgr modules for fun and profit Joao Eduardo Luis 09:25-09:50	How we use Gluster Jurgen Reij 09:55-10:10	The Container Storage Interface, Explained Gorka Eguileor 10:15-10:50
			What's new in Ceph Nautilus Sage Weil 10:55-11:35	OpenEBS asymmetric block layer in user-space breaking the million IOPS barrier Jeffry Molanus 11:40-12:20
				Clustered Samba: Witness Protection Programming David Disseldorp 12:25-12:50
AW1.120 (Free Software Radio)	Intro 09:00-09:15	gr-Soapy: A handy SDR hardware interface module for GNU RadioN. Sdoukos 09:15-09:30	GNU Radio with a Rusty FPGA Brennan Ashton 09:30-10:00	Protect your bits: Introduction to gr-fec Martin Braun 10:00-10:30
			GNU Radio meets Scapy Bastian Bloessl 10:30-11:00	GNU Radio in 2019: Facts and Plans Marcus Müller 11:00-11:45
				libsigmf: Human Tools for Extra-Terrestrial and AI Radios Ben Hilburn / Nathan West 11:45-12:30
				SDR Makerspace Alexandru Csete 12:30-13:00
AW1.121 (Microkernels and Component-based OS)	What's new in the world of seL4 Gernot Heiser 09:00-09:45	Microkernel virtualization under one roof Alexander Boettcher 09:55-10:30	A roadmap for the Hurd? Samuel Thibault 10:40-11:00	A microkernel written in Rust: Porting the UNIX-like Redox OS to Armv8 Robin Randhawa 11:10-11:55
				Hands-on composition of basic L4Re components Jakub Jermář 12:05-12:50

	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	16:00 - 17:00
	Going mobile with React Native and WebRTC Saúl Ibarra Corretgé 13:10-13:30	Machine Learning, Fuzzing and WebRTC using Janus Paolo Saviano & Alessando Toppi 13:35-13:55	Converse: Open, federated teamchat with XMPP JC Brand 14:00-14:20	Unified Communications with Pädé Dele Olajide 14:25-14:45
			HOMER RTC Stats Lorenzo Mangani 14:50-15:10	VoIP Troubleshooting and Monitoring with SIP3 Oleg Agafonov 15:15-15:35
				Fraud mitigation using traffic pattern monitoring with CGRateS Teofil Voivozeanu 15:40-16:00
				Make XMPP Sprint Again Maxime Buquet 16:05-16:25
H.2213 (Machine Learning on Code)	Neural commit message suggester Alberto Massidda 13:10-13:50	Mining Source Code ^{A3} Dario Di Nucci 13:50-14:30	Coming: a Tool for Mining Change Pattern Instances from Git Commits Matias Martinez 14:30-15:10	How to build an automatic refactoring and migration toolkit Juliette Tisseyre 15:10-15:50
				Smelling Source Code Using Deep Learning Tushar Sharma 15:50-16:30
H.2214 (Software Defined Storage)	Ceph storage with Rook Running Ceph on Kubernetes Alexander Trost 12:25-12:50	Gluster Container Storage Kaushal Madappa 13:40-14:20	Managing and Monitoring Ceph with the Ceph Manager Dashboard Lenz Grimmer 14:25-15:05	SMB2 POSIX Extensions Jeremy Allison 15:10-15:50
				Exporting Ceph Object Storage data to the outside world A. Lekshmanan 15:55-16:10
				Storing "Lots Of Small Files" in a Swift cluster Romain LE DISEZ 16:15-17:00
AW1.120 (Free Software Radio)	Digital Predistortion Derek Koziel 13:00-13:30	Equinox: A C++11 platform for realtime SDR applications Manolis Surligas 13:30-14:00	An End-to-End LTE Testbed in Three Clicks Andre Puschmann 14:00-14:30	Spoofing GPS Jean-Michel Friedt 14:30-15:00
				The Dwingeloo radio telescope goes SDR Paul Boven 15:00-15:30
				Performing Low-cost Electromagnetic Side-channel Attacks using RTL-SDR and Neural Networks Pieter Robyns 15:30-16:00
				Decoding Meteor-M2: QPSK, Viterbi, Reed Solomon and JPEG Jean-Michel Friedt 16:00-16:30
AW1.121 (Microkernels and Component-based OS)	Unikraft: Unikernels Made Easy Simon Kuenzer 13:00-13:35	Hardware/Software Co-Design for Efficient Microkernel Execution Martin Děký 13:45-14:20	Solo5: A sandboxed, re-targetable execution environment for unikernels Martin Lucina / Ricardo Koller 14:30-15:15	Evolution of file system and disk management in HelenOS Jiri Svoboda 15:25-15:55
				Operating System hardening : Dealing with external interrupts Tokponnon Parfait 16:05-16:30
				The impact of Meltre and Speckdown on microkernel systems (*) Matthias Lange 16:35-17:00

H.1309 (Real Time Communications)
H.2213 (Machine Learning on Code)
H.2214 (Software Defined Storage)
AW1.120 (Free Software Radio)
AW1.121 (Microkernels and Component-based OS)

SUNDAY 3 FEBRUARY - FIRST PART

FOSDEM¹⁹.org

SUNDAY 3 FEBRUARY - SECOND PART

FOSDEM¹⁹.org

	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00
AW1.125 (CAD and Open Hardware)	Gnucap -- The GNU circuit analysis package Felix Salfelder 09:00-09:25	ngspice, current status and future developments Holger Vogt 09:30-09:55	openEMS - An Introduction and Overview Thorsten Liebig 10:00-10:25	Project Trellis and nextpnr David Shah 10:30-10:55
			Design Automation in Wonderland Bruno Schmitt 11:00-11:25	*1 11:30-11:40
				*2 11:45-11:55
				Fritzing - the past, the present and the future Patrick Franken 12:00-12:25
				KiCad Project Status Wayne Stambaugh 12:30-12:55
AW1.126 (Geospatial)	Improve OSM data quality with DeepLearning Olivier Courtin 09:00-09:40	3Geonames.org Ervin Ruci 09:45-10:15	Latest developments in Boost Geometry Vissarion Fysikopoulos 10:20-11:00	Continuous Integration to compile and test Navit Patrick Höhn 11:05-11:35
				Linking OpenStreetMap and Wikidata Edward Betts 11:40-12:20
				GraphHopper Routing Engine - New Features Peter Karich 12:25-12:55
K.3.201 (Search)			ElasticSearch Correctness and performance Validator Santiago Saavedra 10:30-10:55	Learning to Rank Sambhav Kothari / Diego Ceccarelli 11:00-11:50
				From table to index (and back) with Hibernate Search 6 Yoann Rodiere 12:00-12:25
				A Deepdive into Tantivy Paul Masurel 12:30-13:20
K.3.401 (Distributions)	Do Linux Distributions Still Matter With Containers? Scott Mccarty 09:00-09:50	Linux distributions, lifecycles, and containers Adam Samalik 09:55-10:45	GRUB upstream and distros cooperation Daniel Kiper 10:50-11:20	Package software for any distribution with upt Cyril Roelandt 11:20-11:50
				openSUSE Kubic Richard Brown 11:55-12:45
K.4.201 (LLVM)	Roll your own compiler with LLVM Kai Nacke 09:00-09:40	Rewriting Pointer Dereferences in bcc with Clang Paul Chaignon 09:45-10:25	Building an LLVM-based tool Alex Denisov 10:30-11:10	Debug info in optimized code - how far can we go? Nikola Prica / Djordje Todorovic 11:15-11:55
				Lessons in TableGen Nicolai Hähnle 12:00-12:40
				LLVM for the Apollo Guidance Computer Lewis Revill 12:45-13:25
K.4.401 (Hardware Enablement)		Raspberry Pi history, tips and use case Masafumi Ohta 10:00-10:30	Will you boot Haiku, on a non intel platform, no BIOS winter? François Revol 10:30-11:00	U-Boot from Scratch Jagan Teki 11:00-11:30
				Linux and USB Audio Class 3 Ruslan Bilovol 11:30-12:00
				UEFI Boot for Mere Mortals Stephano Cetola 12:00-12:30
				MCU Immutable Booting Michael Schloh von Bennwitz 12:30-13:00

*1. Open source virtual prototyping for faster hardware and software co-design - Guillaume Delbergue | *2. Lesson learned from Retro-uC and search for ideal HDL for open source silicon - Staf Verhaegen

	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	16:00 - 17:00
	*3 13:00-13:10	*4 13:15-13:25	Horizon EDA - what's new Lukas Kramer 13:30-13:55	From the idea to the prototype using FLOSS Arnaud Ferraris 14:00-14:25
			The Software Developer's Guide to Open Source Hardware Leon Anavi 14:30-14:55	Pocket Science Lab - An Open Source Hardware for Electronics Teaching & Learning Hong Phuc 15:00-15:25
			Open Source Hardware for Smart City Tsvetan Usunov 15:30-15:55	Building open source scientific equipment Andre Maia Chagas 16:00-16:25
				FST-01SZ (Flying Stone Tiny 01 revision ShenZhen) Yutaka Niibe 16:30-17:00
AW1.125 (CAD and Open Hardware)				
AW1.126 (Geospatial)	Hikar - Augmented reality for hikers Nick Whitelegg 13:00-13:30	Hundred thousand rides a day Ilya Zverev 13:35-14:05	Open Source Geolocation Zeeshan Ali 14:10-14:40	OpenStreetMaps for emergency prep: The view from San Francisco Stefano Maffulli 14:45-15:15
			OpenTrailView 360 Nick Whitelegg 15:20-15:50	Spatial Reference Systems. Transformations with Boost. Geometry. Adam Wulkiewicz 15:55-16:25
				VR Map: Putting OpenStreetMap Data Into a WebVR World Robert Kaiser 16:30-17:00
K.3.201 (Search)		Apache Lucene 8 - What's coming next? Uwe Schindler 13:30-13:55	Super-speedy scoring in Lucene 8 Alan Woodward 14:00-14:25	Lucene Upgrade in Jira 8.0 Kamil Cichy 14:30-14:55
				Rated Ranking Evaluator: an open-source approach for Search Quality Evaluation Andrea Gazzarini / Alessandro Benedetti 15:00-15:50
				Full-text Search Tips and Tricks Denis Wilson Souza Rosa 16:00-16:50
K.3.401 (Distributions)	Portable Services are Ready to Use Lennart Poettering 12:50-13:40	Homebrew 2.0 Mike McQuaid 13:45-14:15	Set-versioned package dependencies Dmitry Levin 14:15-14:45	FreeIPA and cross-distribution packaging experience Alexander Bokovoy 14:50-15:40
				Distribution build / delivery styles, one style to rule them all ? Frederic Crozat 15:40-16:30
				GNU??Guix??s take on a new approach to software distribution. Dmitry Levin 16:30-17:00
K.4.201 (LLVM)		llvm.mix Eugene Sharygin 13:30-14:10	SMT-Based Refutation of Spurious Bug Reports in the Clang Static Analyzer Mikhail Gadelha 14:15-14:55	What makes LLD so fast? Peter Smith 15:00-15:40
				Compiling the Linux kernel with LLVM tools Nick Desaulniers 15:45-16:25
				It was working yesterday! Investigating regressions with llvmbisect Leandro Nunes 16:30-17:00
K.4.401 (Hardware Enablement)	Open Source Firmware at Facebook Andrea Barberio 13:00-13:30	Continuous Integration and firmware, a path to higher security ? Jean-Marie Verdun 13:30-14:00	One image to rule them all Andre Przywara 14:00-14:30	Pocket Science Lab Mario Behling 14:30-15:00
				Porting U-Boot to a Modular Device Marek Behún 15:00-15:30
				Microcontroller Firmware from Scratch Nikolai Kondrashov 15:30-16:00
				KernelCI: a new dawn Guillaume Tucker 16:00-16:30
				Redfish: the new standard for a Software Defined Infrastructure Bruno Cornec 16:30-17:00

*3. Drawing PCBs with Inkscape - Creating printed circuit board designs using Inkscape, SVG2Shenzhen and KiCad - Kaspar Emanuel | *4. The Kitspace BOM Builder - Create bills of materials and buy parts with the information you need at your fingertips - Kaspar Emanuel

SUNDAY 3 FEBRUARY - FIRST PART

SUNDAY 3 FEBRUARY - SECOND PART

	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00
K.4.601 (DNS)		Using getdns for local DNSSEC validation Philip Homburg 09:35-10:05	How and why (not) to use the 127.0.0.53 nameserver, systemd-resolved and resolvectl Dimitri John Ledkov 10:10-10:40	Stories from BIND9 refactoring Witold Kręcicki 10:45-11:15
UA2.114 (Containers)	openSUSE Kubic Richard Brown 09:00-09:30	An operator centric way to update application containers with AtomFS Tycho Andersen 09:35-10:05	Containers with Different Security Modules John Johansen 10:10-10:25	Upcoming Kubernetes Storage features John Griffith 10:30-11:00
UA2.118 (HPC, Big Data, and Data Science)	RAPIDS Christoph Angerer 09:00-09:45	OpenHPC Update Adrian Reber 09:50-10:15	CK: an open-source framework to automate, reproduce, crowdsource and reuse experiments at HPC conferences Grigori Fursin 10:15-10:40	Couple scientific simulation codes with preCICE Gerasimos Chourdakis 10:45-11:10
UA2.220 (Real Time Communications)			Hacking PostgreSQL Stephen Frost 11:00-11:50	What's new in PostgreSQL 11 Magnus Hagander 12:00-12:50
UB2.147	Quantum Computing Workshop Tomas Babej 09:00-16:30			

	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	16:00 - 17:00
K.4.601 (DNS)	Flame-thrower Jan Včelák 13:00-13:20	Dynamic answer generation with Lua Pieter Lexis 13:25-13:55	Is single DNS vendor enough? Petr Špaček 14:00-14:30	DNS as code with octodns Matteo Valentini 14:35-15:05
UA2.114 (Baudoux)	Michael Jeanson 12:50-13:10	A container project update Phil Estes 13:15-13:35	Kubernetes Network Security Demystified Andrew Martin 13:40-14:10	A year of LXD development Stéphane Graber 14:15-14:35
UA2.118 (HPC, Big Data, and Data Science)	*5 13:00 13:10	The convergence of HPC and BigData Damien François 13:15-13:40	Introducing Kubeflow Holden Karau / Trevor Grant 13:40-14:05	Validating Big Data Jobs Holden Karau 14:05-14:30
UA2.220 (Real Time Communications)	Deploying PostgreSQL on Kubernetes Jimmy Angelakos 13:00-13:50	Breaking PostgreSQL at Scale Christophe Pettus 14:00-14:50	Data Modeling, Normalization and Denormalization Dimitri Fontaine 15:00-15:50	Latest evolution of Linux IO stack, explained for database people Ilya Kosmodemiansky 16:00-16:50
UB2.147				

*1. Nakadi: Streaming Events for 100s of Teams - Serving all sorts of users and use cases, the sane way - Lionel Montrieux | *2. MALT & NUMAPROF, Memory Profiling for HPC Applications - Sébastien Valat | *3. Setting up an HPC lab from scratch - with Mr-Provisioner, Jenkins and Ansible - Renato Golin | *4. Feature store: A Data Management Layer for Machine Learning - Data Management for ML - Kim Hammar

*5. The state of machine learning operations in 2019: reproducibility, explainability, bias evaluation and beyond - Alejandro Saucedo

SUNDAY 3 FEBRUARY - FIRST PART

SUNDAY 3 FEBRUARY - SECOND PART

	09:00 - 10:00				10:00 - 11:00				11:00 - 12:00				12:00 - 13:00				13:00 - 14:00				14:00 - 15:00				15:00 - 16:00				16:00 - 17:00								
UB2.252A (Monitoring & Observability)	Observability 101 Richard Hartmann	What's new in Zabbix 4.0? Rosario Antoci 09:10-09:35		Augmented Network Visibility with High-Resolution Metrics Simone Mainardi 09:50-10:15		Critical Path Analysis Jaana Dogan (JBD) 10:30-10:55		Distributed Tracing: OSS Technology Update 2019 Priyanka Sharma 11:10-11:35		Loki - Prometheus for logs Tom Wilkie 11:50-12:15		Latency SLOs done right Heinrich Hartmann 12:30-12:55						M3 and a new age of metrics and monitoring in an increasingly complex world Rob Skillington 13:10-13:35		Privacy-preserving monitoring of an anonymity network Iain Learmonth (irl) 13:50-14:15		Using eBPF for Linux Performance Analyses Peter Zaitsev 14:30-14:55		Thanos - Transforming Prometheus to a Global Scale in a Seven Simple Steps Bartek Plotka 15:10-15:35		Deep Dive: Kubernetes Metrics with Prometheus Matthias Loibl / Sergiusz Urbaniak 15:50-16:15		*1	*2	*3	*4	*5	UB2.252A (Monitoring & Observability)				
UB4.132		LPI Exam Session 3 09:30-11:30								LibreOffice Exam Session 1 12:00-13:00								LibreOffice Exam Session 2 13:30-14:30				LibreOffice Exam Session 3 15:00-16:00				UB4.132											
UD2.119 (Free Tools and Editors)	Approaching Light Speed - News from the Eclipse Platform Project Lars Vogel 09:05-09:35		From Oracle to Apache - News from Apache NetBeans Geertjan Wielenga / Jan Lahoda 09:40-10:10		Tooling for IntelliJ Platform Plugins Yann Cébron 10:15-10:45		GraalVM: Polyglot Development Platform with Great Toolability Martin Entlicher 10:50-11:20		Embracing Language Servers for Blockchain Development Karsten Thoms 11:25-11:55		Tools for Shrinking Your Containers Ewan Slater 12:00-12:20		Time is Important - Developer Centric IoT Platforms Nicholas Herriot 12:25-12:55						Adding Support for a New Language in the Eclipse IDE Jonas Hungershausen 13:00-13:30		Taming The Dinosaur: How Eclipse was Performance Tuned Karsten Thoms 13:35-14:05		PraxisLIVE: Hybrid Visual Live Programming Neil C Smith 14:10-14:40		Quick & Easy Desktop Development with NetBeans and its HTML/JAVA API John Kostaras 14:45-15:15		Java 4..12, Kotlin, Code Coverage and their best friend — bytecode: scandals, intrigues, investigations. E. Mandrikov 15:20-15:50		Extend Emacs in C or Other Languages Aurélien Aptel 15:55-16:25		Profiling Low-End Platforms using HawkTracer Profiler Marcin Kolnyl 16:30-17:00		UD2.119 (Free Tools and Editors)				
UD2.120 (Python)	Beyond the 10%: analysis of the gender-diversity gap Daniel Izquierdo 09:00-09:25		Discover GraphQL with Python, Graphene and Odo Stéphane Bidoul 09:30-09:55		How to write pylint plugins Alexander Todorov 10:00-10:25		Mastering Application/Service Configuration Moisés Guimarães 10:30-10:55		Demystifying Coroutines and Asynchronous Programming in Python Mariano Anaya 11:00-11:25		Tree matchings with Behavior Trees Lionel Auroux 11:30-11:55		Making your Python code write your Python code Marcin Sobczyk 12:00-12:25		Memory Management in Python Batuhan Taşkaya 12:30-12:55						Pyodide: scientific Python stack compiled in WebAssembly Roman Yurchak 13:00-13:25		Computer Games with MicroPython Radomir Dopieralski 13:30-13:55		Extending Numba Joris Geessels 14:00-14:25		Extending syslog-ng in Python Peter Czanik 14:30-14:55		Text Markup to PDF with Python Lorna Mitchell 15:00-15:25		Compute the QOS of your infrastructure with DEPC Nicolas Crocfer / Anthony Olea 15:30-15:55		Salut à Toi: A Python Based Social Network And More Jérôme Poisson (Goffi) 16:00-16:25		Solving Polynomial Systems in Python Jan Verschelde) 16:30-16:55		UD2.120 (Python)
UD2.208 (Rust)	RustPython: a Python implementation in Rust Windel Bouwman / Shing Lyu 09:00-09:25		What is Rust doing behind the curtains? Matthias Endler 09:30-10:15		RustPräzi: a tool to build an entire call graph of crates.io Joseph Hejderup 10:20-10:45		Beyond The First Steps Jay Lee / Andrew Hobden 10:50-11:35		Sans IO: safe and testable network protocols Geoffroy Couprie 11:40-12:25		Introducing rust-prometheus Wish Shi 12:30-13:15						Profiling Rust with Hawktracer Alexandru Ene 13:20-13:45		Rust and GNOME Jordan Petridis 13:50-14:15		gtk-rs: newest and future developments Guillaume Gomez 14:20-14:45		GObject subclassing in Rust for extending GTK+ & GStreamer Sebastian Dröge 14:50-15:35		Call C++ from Rust with the cpp crate Olivier Goffart 15:40-16:05		Containing the RDMA plasma Andrea Lattuada 16:10-16:35		UD2.208 (Rust)								
UD2.218A (Security)			Open source security testing Stijn Jans 09:30-09:55		TLS 1.3: what developers should know about the APIs Daiki Ueno 10:00-10:25		Russian crypto algorithms in the OpenSource world Dmitry Eremin-Solenikov (Lumag) 10:30-10:55		The new EU CyberSecurity Act Hans de Raad (OpenNovations) 11:00-11:25		Enhancing privacy and performance of core Internet protocols Tobias Mueller 11:30-11:55		CHIPSEC on non-UEFI Platforms Brian Richardson 12:00-12:25		USB borne attacks and usable defense mechanisms Ludovico de Nittis / Tobias Mueller 12:30-12:55						No evidence of communication and implementing a protocol: Off-the-Record protocol version 4. Sofia Celi 13:00-13:25		RecordFlux: Facilitating the Verification of Communication Protocols Tobias Reiher 13:30-13:55		How to prevent cryptographic pitfalls by design Maximilian Blochberger 14:00-14:25		Base64 is not encryption Seth Vargo 14:30-14:55		What are your users kubectl-ing into your Kubernetes cluster? Julio Garcia 15:00-15:25		Scale Your Auditing Events Philipp Krenn 15:30-15:55		Fighting spam for fun and profit: the long road to SpamAssassin 4.0. Giovanni Bechis 16:00-16:25		Consistent PKCS#11 in Operating Systems Jakub Jelens 16:30-16:55		UD2.218A (Security)
UD2. Corridor	PGP Keysigning. FOSDEM Staff 14:00-16:00																		UD2. Corridor																		

*1. Real-time merging of config management and monitoring: Mgmt Config: Monitoring - James Shubin | *2. Let's use centralized log collection to make incident response teams happy - Hannah Suarez | *3. Writing Asynchronous SNMP Agents: From a MIB file to a fully-fledged Python application - Ilya Etingof | *4. SAYMON - object-oriented monitoring and management for both ICT&IoT : object hierarchies and time-series for robust back-end - Konstantin Mikhaylov | *5. slapdcheck: Monitoring OpenLDAP with Python - Michael Ströder