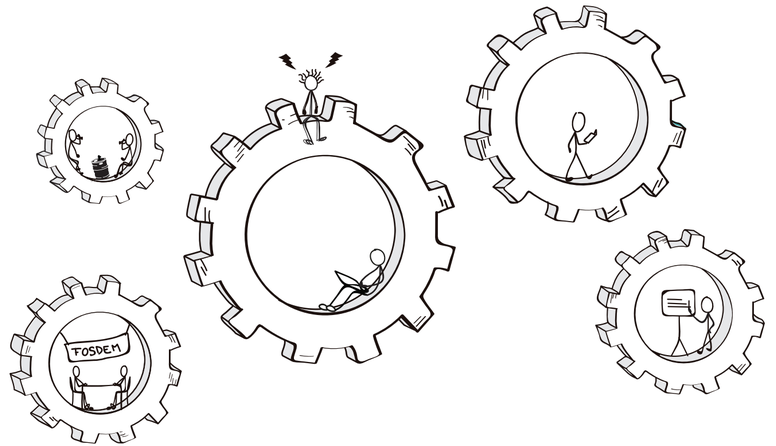
SEE YOU NEXT YEAR

BRUSSELS 4 FEBRUARY - 5 FEBRUARY

SUNDAY



FOSDEM 17 .org

SUNDAY 5 FEBRUARY - FIRST PART

FOSDEM 17.org

	09:00 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00
Janson Main Tracks		Portfolio of optimized cryptographic functions based on Keccak Gilles Van Assche 10.00-10.50	The Making of a Secure Open Source Password Keeper - From the Electronics to the High Level Software... Mathieu Stephan 11.00-11.50	It's time to SAFE the Internet Introducing SAFE, the decentralised privacy-first storage and communication network Benjamin Kampmann 12.00-12.50	Securing Automated Decryption New Cryptography and Techniques Nathaniel McCallum 13.00-13.50
K.1.105 Main Tracks		Write a Better FM Read The F* Manual? Maybe you need to write a better f* manual Rich Bowen **10.00-10.50**	Bridging the Gap between Legacy Docs and Modular Content Robert Kratky **11.00-11.50**	What open source and J.K. Rowling have in common Importance of storytelling in open source projects Justin W. Flory **12.00-12.50**	RISC-V Open Hardware for Your Open Source Software Arun Thomas **13.00-13.50**
H.2215 Lightning Talks		Outlook CalDav Synchronizer. A.Nimmervoll 10.00-10.15 Kopano Jelle van der Waa 10.20-10.35 Connecting End Users and Developers With the Requirements Bazaar István Koren 10.40-10.55	Yet Another repoman Anton Marchukov 11.00-11.15 Mailing List, Meet CI Stephen Finucane 11.20-11.35 Supercharge your collaboration with an Open Source Wiki Ludovic Dubost 11.40-11.55	tslib release party Martin Kepplinger 12.00-12.15 libuv - Cross platform asynchronous i/o Saúl Ibarra Corretgé 12.20-12.35 Prove with SPARK: No Math, Just Code Yannick Moy 12.40-12.55	Analyze terabytes of OS code with one query Felipe Hoffa 13.00-13.15 SOFA - Real-time multi-physics simulation G.Paran H. Talbot 13.20-13.35 Open Student Information System H. Mendonça 13.40-13.55
H.1301 Legal & Policy Issues	Back to sources: what's in your binary? Philippe Ombredanne **09.00-09.25**	Patently - Are FOSS Companies Ready to Deal with Patents in the US and Europe? Robinson Tryon **09.30-10.15** Protect your freedom to operate with Open Patents Frederik Questier **10.20-10.45** Is the GPL a copyright license or a contract under U.S. law? Max Sills **10.50-11.15**	F and in Freedom - Codes of Conduct & Community Guidelines Molly de Blanc **11.20-12.05**	Why we need a legal framework to operate successfull a Trusted Service Provider Reinhard Mutz **12.10-12.35**	Reflections on Adjusting Trust: The Mozilla Root Program - Tales of running an open and transparent Certificate Authority Program Gerv Markham **12.40-13.15** Increasingly permissive or increasingly dismissive? John Sullivan **13.30-14.15**
H.1302 Go and PHP & Friends	Welcome 09.05-09.30	Gomobile Android development with Go Daniel Esteban Implementing 'tail -f' Fabian Stäber 09.30-09.55 gobpf - utilizing eBPF from Go Michael Schubert 10.00-10.20 High-performance IoT Using Go and Gobot Ron Evans 10.30-11.10	A pure Go implementation of Git Santiago M. Mola 11.15-11.45	High performance and scaling techniques in Golang using Go Assembly Frank Wessels 11.45-12.30	The status of Go What to expect in Go 1.8 Francesc Campoy 12.45-13.25 Two Years With Go and ZeroMQ - How I Learned to Love the cgo Brian Knox 13.25-13.55

SUNDAY 5 FEBRUARY - SECOND PART

FOSDEM 17.org

	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	
Janson Main Tracks	WireGuard: Next Generation Secure Kernel Network Tunnel Cutting edge crypto, shrewd kernel design, and networking meet in a surprisingly simple combination Jason A. Donenfeld 14.00-14.50	Encrypting Matrix -Building a universal end-to-end encrypted communication ecosystem with Matrix and Olm Matthew Hodgson 15.00-15.50	Quantum computing and post-quantum cryptography - a gentle overview Andrew Savchenko 16.00-16.50	Using Linux in Air Traffic Control Hardware and Operating System Platforms Gerolf Ziegenhain 17.00-17.50 Closing FOSDEM 2017 FOSDEM staff 17.50 18.00	Janson Main Tracks
K.1.105 Main Tracks	Free Software For The Machine **Keith Packard** **14.00-14.50**	Tempesta FW - Linux Application Delivery Controller **Alexander Krizhanovsky** **15.00-15.50**	User Session Recording for the Enterprise **An Open-Source Effort by Red Hat** **Nikolai Kondrashov** **16.00-16.50**		K.1.105 Main Tracks
H.2215 Lightning Talks	Alyvix: Under the hood Francesco Melchiori 14.00-14.15 Energy data - what, how, and why Nico Rikken 14.20-14.35 Citybikes - Bike sharing networks around the world Lluís Esquerda 14.40-14.55	An open Gravimetric Phenotyping system Nathan Hughes 15.00-15.15 A free HTML5 Digital Audio Workstation (DAW) Melanie Ducani / Thomas Tortorini 15.20-15.35 GRUB New maintainers, news and future Vladimir Serbinenko 15.40-15.55	Interledger - Internetworking for Money Evan Schwartz 16.00-16.15 FOSDEM infrastructure review Richard Hartmann 16.20-16.35		H.2215 Lightning Talks
H.1301 Legal & Policy Issues	Panel of European legal entities for Free Software projects Simon Phipps / Tom Marble / Karen Sandler / Moritz Bartl / Michiel Leenaars **14.20-15.05**	FOSS and the GDPR Overview of key changes to EU privacy law that FOSS can use to promote individual's privacy and autonomy. Marc Jones **15.10-15.55**	How We Talk About Free Software Legal Tools Deb Nicholson **16.00-16.25** Don't Send An Engineer To Do A Lawyer's Job Simon Phipps **16.30-16.55**		H.1301 Legal & Policy Issues
H.1302 Go and PHP & Friends	From text logs to extensive automatic monitoring Sven Finke 14.00-14.55	Creating a dashboard with Laravel, Vue and Pusher Freek Van der Herten 15.00-15.55	Transform your monolith into a nice SOA app Mathieu Gillot 16.00-17.00		H.1302 Go and PHP & Friends

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H.1308 Security	Desktop security, keeping the key to the castle safe Mickael Scherer **09.30-09.55**	The PTags Linux Security Module José Bollo **10.00-10.25** Panopticon A Libre Cross-Platform Disassembler Kai Michaelis **10.30-10.55**	Footprinting for security auditors José Manuel Ortega **11.00-11.25** How to audit, fix (and be marry) with OpenSCAP & Foreman Ondřej Pražák **11.30-11.55**	Simulation of MITM in PEAP with hostap Siarhei Siniak **12.00-12.20**	Is the Linux Desktop less secure than Windows 10? Hanno Böck **13.00-13.25** WTF my container just spawned a shell Jorge Salamero **13.30-13.55**	Smart card forwarding Daiki Ueno **14.00-14.25** TLS Test Framework Hubert Kario **14.30-14.55**	AF_KTLS - TLS/DTLS Linux kernel module Fridolín Pokorný **15.00-15.25** Usable Cryptography with José Nathaniel McCallum **15.30-15.55**	Get the most out of your security logs Peter Czanik **16.00-16.25**		**H.1308** Security
H.1309 Post-greSQL			Beyond Trust - PostgreSQL Client Authentication Christoph Moench-Tegeder 11.00-11.50	Tour de Data Types VARCHAR2 or CHAR(255)? Andreas Scherbaum 12.00-12.50	Replication & Recovery in PostgreSQL 10.0 Simon Riggs 13.00-13.50	Evolution of Fault Tolerance in PostgreSQL Gülçin Yıldırım 14.00-14.50	Infrastructure Monitoring with Postgres Steven Simpson 15.00-15.50	An overview of PostgreSQL's backup, archiving and replication Gunnar Bluth 16.00-16.50		**H.1309** Post-greSQL
H.2213 Testing & Automation	Future of Mobile Automation Testing, Appium steals it - Mobile Testing Future Srinivasan Sekar **09.00-09.45**	Mutants, tests and zombies - aka mutation testing with Python and a pinch of Ruby Alexander Todorov **09.55-10.40**	GitLab CI: (almost) effortless Open Source CI an introduction at how testing with gitlab CI is advanced, yet simple to manage **10.50-11.35**	Can strace make you fail? - strace syscall fault injection Dmitry Levin **11.45-12.15** Testing web applications with traffic control Alban Crequy 12.20-12.30	Declarative Pipelines in Jenkins - A new way to define your pipelines in Jenkins Andrew Bayer **12.40-13.25**	Do You Want to Retry?: Handling and Testing Network Failures	Anton Marchukov **13.35-14.20** Infer - A static analyzer for catching bugs before you ship Jules Villard **14.30-15.15**	Using Containers for Building and Testing - Docker, Kubernetes and Mesos Carlos Sanchez **15.25-16.10**	Test your docs Chris Ward **16.20-17.00**		**H.2213** Testing & Automation
H.2214 Geospatial	Intro German weather data with R Berry Boessenkool 09.30-09.55	Intro to semantic annotations for geographic web maps in HTML Malte Reißig 10.00-10.25 Khartis - How to simply create thematic maps in three steps Paul Girard 10.30-10.55	Find the best place in the city Carolina Arias Muñoz 11.00-11.25 Google Summer of Code 2016 @OSGeo Margherita Di leo / Anne Ghisla 11.30-11.55	How to break the OpenStreetMap Ilya Zverev 12.00-12.25 Easily creating location-based applications with OSMAIchemy D. George / E. Jesinghaus 12.30-12.55	'Open Notices' - alpha - A global platform for official notices (planning, licensing etc) Richard Pope 13.00-13.25 airspace-v.com international hangar flying Thomas Bremer 13.30-13.55	Creating georeferenced digital elevation models from unmanned aerial vehicle images J.M.Friedt 14.00-14.25 Open Source Map Rendering with Mapbox GL Native Thiago Santos 14.30-14.55	Working with spatial data in Go Andrew Minkin 15.00-15.25 Big Spatio-Temporal Datacubes on Steroids ...and Standards Peter Baumann 15.30-15.55	What to expect from MySQL 8.0? Norvald H. Ryeng 16.00-16.20 Introduction to Boost. Geometry Adam Wulkiewicz 16.20-16.40 Geography on Boost. Geometry Vissarion Fysikopoulos 16.40-17.00		**H.2214** Geospatial
AW1.120 Electronic Design Automation	gnucap -- recent work and directions Felix Salfelder **09.00-09.25** QUCS project update Guilherme Brondani Torri **09.30-09.55**	Integrated Spice Simulation with Kicad Tomasz Wlostowski **10.00-10.25** Discussion session on analogue simulation tools Guilherme Brondani Torri / Tomasz Wlostowski / Felix Salfelder **10.30-10.55**	SpinalHDL An alternative hardware description langage presentation Charles Papon **11.00-11.25** Tutorial: my first hardware design Tristan Gingold **11.30-11.55**	Digital hardware design What can we learn from software development – and what not? Philipp Wagner **12.00-12.20** FLOSS Tools for High Level Synthesis - Integrating the FPGA into the Operating System Javier D. Garcia-Lasheras **12.30-12.55**	Discussion session on HDL simulation and synthesis tools Philipp Wagner / Tristan Gingold / Javier D. Garcia-Lasheras / Charles Papon **13.00-13.25** Ruby bindings for Libgerbv Display and edit Gerber RS247X files the easy way Patrick Franken **13.30-13.55**	Xorn: A new approach to code organization for gEDA/gaf How the attempt to Do Scripting Right changes the view of the world Roland Lutz **14.00-14.25** KiCad Project Status Wayne Stambaugh **14.30-14.55**	Diving into the KiCad source code Maciej Sumiński **15.00-15.25** Footwork - PCB designs as code and EDA as code synthesis Kaspar Emanuel **15.30-15.55**	Kitnic.it and 1-click BOM - Making web-enabled EDA tools using Javascript Kaspar Emanuel **16.00-16.25** Discussion session on PCB development tools Kaspar Emanuel / Wayne Stambaugh / Maciej Sumiński / Patrick Franken / Roland Lutz **16.30-16.55**		**AW1.120** Electronic Design Automation

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AW1.121 Open Source Design	Why should we take an interest in Open Design? My Lê 09.00-09.20	Beyond that fancy logo Belen Barros Pena 09.30-09.50	Mozilla Open Design Elio Qoshi 10.00-10.20	When Cultures Clash Victoria Bond-archuk 10.30-10.50	Designing in the open Raghu Nayyar 11.00-11.20	Get designers involved in your open source project! Jan-Christoph Borchardt 11.30-11.50	Our Open Source Design collective Jan-Christoph Borchardt 12.00 12.10	Success Stories from our community Ecaterina Moraru 12.10 12.20	Promoting your FOSS project...	Giving and receiving design feedback in open source Ecaterina Moraru 12.30-12.50	Accessibility in Open Source Léonie Watson 13.00-13.20	Dos and Dont's on Designing for Accessibility Karwai Pun 13.30-13.50
AW1.124 Community	Closing loops Concluding discussions in non-face-to-face communities **09.00-09.35**	Data Science for Community management Manrique Lopez **09.35-10.10**	Getting Your Issues Fixed Tomer Brisker **10.10-10.45**	Handle Conflict, Like a Boss! Deb Nicholson **10.45-11.20**	Mentoring 101: How to be a great community mentor Brian Proffitt **11.20-11.55**	The Business of Community VM (Vicky) Brasseur **11.55-12.30**	Overcoming Culture Clash Dave Neary **12.30-13.05**	I contributed ! But what now ? Bee Padalkar **13.05-13.40**	Open source is just about the source, isn't it?			
AW1.125 Decentralised Internet	Making the GAFAs obsolete Tristan Nitot 09.00-09.30	The state of diaspora* and the decentralized social web Antoine Duparay 09.30-10.00	Privacy index metrics in digital communication Stanislas Sabatier Aymeric Barantal 10.00-10.30	The future of decentralised communication, identity and reputation with Matrix M. Hodgson 10.30-11.00	Cloud Federation sync, share & collaborate in a decen- tralized cloud Björn Schießle 11.00-11.30	Decentralize & Recentralize on Cozy Christophe Thiriot 11.30-12.00	Access is a human right Monic Meisel 12.00-12.30	5 years of DIY Internet accesss Julien Rabier 12.30-13.00	guifi.net An Open, Libre and Neutral Telecommunications Network Based in Commons Ivan Vilata-i-Balaguer 13.00-13.30	Privacy in practice for self hosting Mickael Scherer 13.30-14.00		
AW1.126 Open Game Development	Computer games – not as easy as it looks Steven Goodwin **09.00-09.25**	Rapid backend prototyping for a geolocation-based mobile game Alexander Gladysh **09.30-09.55**	WebCam based games - OpenCV in practice: example for developers and business Aurelijus Banelis **10.00-10.25**	Drawing based game design Roman Miletitch **10.30-10.55**	Living Orb Tangible game console Jonathan Giroux **11.00-11.25**	0xFF Drawing games for a DIY console Xavier Moulet **11.30-11.55**	openEMSstim Open-source muscle stimulation for interactive experiences & games Pedro Lopes **12.00-12.25**	Creating GPL'ed multimedia assets Guus Sliepen **12.30-12.55**	Can open source open minds? Jesse Himmelstein **13.00-13.25**	Presentation of Hellink, an educational game about Open Data Thomas Planques **13.30-13.55**		
K.3.201 LLVM Toolchain			GlobalISel - LLVM's Latest Instruction Selection Framework Diana Picus 10.00-10.40	Profile-Guided Optimization in the LDC D compiler Kai Nacke 10.45-11.25		Adding 16-bit Character Support in LLVM. Simon Cook 11.30-12.10	LLD from a user's perspective Peter Smith 12.15-12.55		Using clang as a Frontend on a Formal Verification Tool. Mikhail Gadelha 13.00-13.40			

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	14.00 - 15.00		15.00 - 16.00		16.00 - 17.00		17.00 - 18.00		
AW1.121 Open Source Design	Finding your users' needs Jan Dittrich / Charlie Kritschmar 14.00-14.20	Interviews as user research Andreas Nilsson 14.30-14.50	Architectural font digitisation and design Sander van Geloven 15.00-15.20	Designing MuseScore Miroslav Mazel 15.30-15.50	GNOME Recipe App Emel Elvin Yildiz 16.00-16.20	Developers looking for designers? Pitch your project! Belen Barros Pena 16.30-16.50	Closing		AW1.121 Open Source Design
AW1.124 Community	Isabel Drost-Fromm **13.40-14.15**	Building an Accessible Community Jenny Wong **14.15-14.50**	Like the ants - turn individuals into large contributing community Dan Franc **14.50-15.25**	Visualize Your Code Repos and More with Gource Dawn Foster **15.25-16.00**	Strategy for developer outreach Matthew Revell **16.00-16.30**	Sharing power in our communities Stéphanie Ouillon **16.30-17.00**			AW1.124 Community
AW1.125 Decentralised Internet	Let's de-Google-ify the Internet FLOSS: Positive Alternatives to Big-Data centralized Services Christophe Lafon-Roudier 14.00-14.30	libre.sh helps you to host your FLOSS Get up and running with libre.sh in 20mins \o/ Pierre Ozoux 14.30-15.00	Open-WISP2 Federico Capoano 15.00-15.15	Puffin Jarek Lipski 15.15-15.30	FreedomBox, liberty inside the cloud Ruben Lubbes 15.30-16.00	YunoHost Laurent Peuch 16.00-16.30	The Internet Cube / La Brique Internet Laurent Peuch 16.30-17.00		AW1.125 Decentralised Internet
AW1.126 Open Game Development	Tablexia Cognitive Training for Children with Dyslexia Andrea Sichova **14.00-14.25**	Hero.Coli, learning synthetic biology by playing: an update Open Source, Open Data, Open Science Raphael Goujet **14.30-14.55**	Snap! Build Your Own Blocks Interactive visual programming Jens Mönig / Bernat Romagosa **15.00-15.25**	Polymorph - A libre game engine based on Ogre3D and Puredata Zajéga François **15.30-15.55**	Creating a game with Monogame and other open source software Garry Williams **16.00-16.25**	Escoria, a libre point'n'click framework using Godot Engine Rémi Verschelde / Julian Murgia **16.30-16.55**			AW1.126 Open Game Development
K.3.201 LLVM Toolchain	Using LNT to track performance Kristof Beyls 13.45-14.25	Mutation Testing Leaving the Stone Age Alex Denisov 14.30-15.10	Security Enhanced LLVM Jeremy Bennett 15.15-15.55		* 1	* 2	*1: Convergent functions and function parameters - SPMD semantics for GPU programs by Nicolai Hähnle *2: LLVM at Red Hat - How and where is LLVM used in the Red Hat ecosystem by Dodji Seketeli		K.3.201 LLVM Toolchain

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K.3.401 Open Media	Open Media... K. Kunhya C. Massiot 09.45 09.55	10 years of Open Source Innovation in Online Video: What's been done, what's next? Z. Babin **10.00-10.25**	Live Streaming with Nginx, RTMP and Kaltura Jess Portnoy **10.30-10.55**	Open Source Support for TTML Subtitles: Status Quo and Outlook Andreas Tai **11.00-11.25**	Creating a LITE transcoding Workflow Emmanuel Aldeguer **11.30-11.55**	What's new in GStreamer land - The last 2 years and the future Sebastian Dröge **12.00-12.25**	GPAC: delivery of VR/360 vid-eos using Tiles Ahmed Jelijli Ahmed Rida Sekkat **12.30-12.55**	Overview of Upipe modules for broadcast professionals Christophe Massiot **13.00-13.25**	Media Analysis tools - How we check media files Jérôme Mar-tinez **13.30-13.55**
K.4.201 Perl	Welcome	Schema Database Documen-tation Through Introspec-tion 09.05-09.25	Containers in Pure Perl Marian HackMan Marinov 09.25-10.05	Perl6 as a First Language The Merelo Family 10.05-10.45	Building a Universe with Perl Curtis 'Ovid' Poe 10.45-11.25	Docker for Perl[56] People - A Ridiculous-ly Short Introduc-tion Claudio Ramirez 11.25-11.45	Informal Domain Specific Languages in Perl 6 Brian Duggan 11.45-12.25	Simple Number Theory in Perl 6 Dana Jacobsen 12.25-13.05	Changing the Image of Perl Wendy G.A. van Dijk 13.05-13.25	Notes from the Trenches - Parsing Perl 6 *in* Perl 6 13.25-14.05
K.4.401 Desktops	Welcome	Assumptions when porting to a Modern Display Server - Common issues you'll run into when porting Brandon Schaefer **09.35-10.05**	Bundling KDE Where does KDE land in the Snap and Flatpak world? **10.10-10.40**	Retro desktops for retro computers - From 8-bit to Atari, Amiga & friends François Revol **10.45-11.15**	Haiku, a desktop you can still learn from - No, you didn't steal all our ideas yet ;-) François Revol **11.20-11.50**	The Linux Desktop for the Rest of Us - The Past, Present and Future of Zorin OS and a Vision for the Linux Desktop Artyom Zorin **11.55-12.25**	Corporate WebDesk - Building the next corporate applications Sergio Sisternes **12.30-13.10**	Free And Open Source Software In European public administrations Main implementations, main policies Gijs Hillenius **13.15-13.55**	
K.4.601 Guile	Lua API for RTC Services with Kamailio - Build scalable VoIP services with Lua Daniel-Constantin Mierla 09.00-09.45	Small languages panel Christopher Webber Ludovic Courtès / Etiene Dalcol / Justin Cormack 09.45-10.30	An introduction to functional package man-agement with GNU Guix Ricardo Wurmus 10.30-11.00	User interfaces with Guile and their application John Darrington 11.00-11.30	Hacking with Guile... Or how I stopped worry-ing and learned to love the REPL 11.30-12.00	Composing system services in GuixSD - or how we came to wonder what a "system service" really is Ludovic Courtès 12.00-12.45	Reproducible packaging and distribution of software with GNU Guix Pjotr Prins 12.45-13.15	Network freedom, live at the REPL! Christopher Webber 13.15-14.00	
UA2.114 Software Defined Storage	GlusterD-2.0 - The next generation of GlusterFS management Kaushal M **09.00-09.45**	Introduction to Ceph cloud object storage - Orit Wasserman **09.45-10.30**	Storage overloaded to smoke? Legolize with LizardFS! Michal Bielicki **10.30-11.15**	Ceph User Committee Wido den Hollander **11.15-12.00**	Evaluation of NVMe drives for tiered-storage in HDFS Nicolas Poggi **12.00-12.45**	Ceph USB Storage Gateway David Disseldorp **12.45-13.30**	Ceph and Storage man-agement with openATTIC Lenz Grimmer **13.30-14.15**		

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K.3.401 Open Media	Dissecting media file formats with Kaitai Struct Mikhail Yakshin **14.00-14.25**	AV1: Status update Progress, expect-ed features and encoding gains Rostislav Pehlivanov **14.30-14.55**	Modern Fuzzing of Media-processing projects - Keeping media processing secure and stable Max Moroz **15.00-15.25**	AES67 - Open Media Standard for Pro-Audio Networks Conrad Bebbington **15.30-15.55**	AES70 - Open Control Standard for Pro-Audio Networks Conrad Bebbington **16.00-16.25**	Open Media dev-room wrap-up - What's next? Christophe Mas-siot / Kieran Kunhya **16.30-16.55**
K.4.201 Perl	Hold my beer and watch this! Stevan Little 14.05-14.45	Web Development and Perl 6 Stefan Seifert 14.45-15.25	Making Camelia Fly Faster Liz Mattijsen 15.25-16.05	Perl 5.24, 5.26, and the Future of Perl 5 Sawyer X 16.05-16.45	Announce-ments and Lightning talks Claudio Ramirez / Wendy G.A. van Dijk 16.45-17.00	
K.4.401 Desktops	Classic Applications in a Confined Ecosystem - Using libertine to run deb-packaged, X11 applications in an all-snaps Ubuntu Larry Price **14.00-14.30**	From Gtk to Qt: An Strange Journey, part 2 Tomaz Canabrava **14.35-15.05**	Electron: Solving our cross-platform dreams? Chris Ward **15.10-15.40**	Open source behind a web request - explain-ing a web request through open source software Willian Molinari **15.45-16.15**	Kube - The next gener-ation communication and collaboration client **16.20-16.50**	
K.4.601 Guile	Natural script writ-ing with Guile - Arne Babenhauser-heide 14.00-14.30	Mes -- Maxwell's Equations of Software Jan Nieuwenhuizen 14.30-15.00	Adding GNU/Hurd support to GNU Guix and GuixSD - Manolis Ragkousis 15.00-15.30	Workflow manage-ment with GNU Guix Roel Janssen 15.30-16.00	Getting started with guile-wiredtiger Amirouche Boubek-ki 16.00-16.30	Future of Guix - Christopher Webber / Ludovic Courtès / Pjotr Prins / Ricardo Wurmus 16.30-17.00	
UA2.114 Software Defined Storage	SELinux Support over GlusterFS Jiffin Tony Thottan **14.15-15.00**	Deploying Ceph Clusters with Salt Jan Fajerski **15.00-15.45**	Hyper-converged, persistent storage for containers with GlusterFS Jose Rivera, Mohamed Ashiq **15.45-16.30**	Ceph weather report Orit Wasserman **16.30-17.00**		

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UA2.220 Linux Containers and Microservices	Kubernetes 101 - Orchestration doesn't have to be difficult Josh Berkus 09.00-09.45	Taking containers from development to production Ratnadeep Debnath 09.50-10.35	gRPC 101 - building fast and efficient microservices Ray Tsang 10.40-11.25	Kubernetes Operators Managing Complex Software with Software Josh Wood 11.40-12.25	OpenStack Magnum at CERN Trigaziis 12.35 12.45 *1 *2 Cloud Native Java Development Bilgin Ibryam 12.55 13.05 *3 Singularity - The Inner Workings of Securely Running User Containers on HPC Systems Michael Bauer 13.25-14.10
UB2.147 Certification	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**
UB2.252 A Monitoring and Cloud	What does "Monitoring" mean? Brian Brazil 09.00-09.45	Alerting with Time Series Fabian Reinartz 09.50-10.35	Trace Everything Jorge Salamero 10.40-11.25	Graphite@Scale or How to store millions metrics per second Vladimir Smirnov 11.40-12.25	Monitoring and Cloud Lightning Talks 12.35-13.20 Grafana - Past, present and future Carl Bergquist 13.25-14.20
UD2.120 Python	Introduction to Pandas Sahil Dua **09.00-09.30** Python and "the SOLID principles Jonathan Slenders **09.30-10.00**	Storing metrics at scale with Gnocchi: The Python based time series database Julien Danjou **10.00-10.30** Selinon Fridolín Pokorný **10.30-11.00**	Hacking midi devices with StepPy Yann Gravrand **11.00-11.30** GrimoireLab Jesus M. Gonzalez-Barahona **11.30-12.00**	Script the Web with Weboob François Revol **12.00-12.30** Python Data Structures implementation Flavien Raynaud **12.30-13.00**	Cloud Native Python Floris Bruynooghe **13.00-13.30** Debugging Hung Python Processes with GDB Brian Bouterse **13.30-14.00**
UD2.218 A Embedded, Mobile & Automative		How I survived to a SoC with a terrible Linux BSP - Working with jurassic vendor kernels, missing pieces and buggy code Luca Ceresoli 10.00-11.00	Open Source Car Control Josh Hartung 11.00-12.00	Kernel DLC Metrics, Statistic Analysis and Bug-Patterns Nicholas Mc Guire 12.00-13.00	Loco Positioning: An OpenSource Local Positioning System for robotics Arnaud Taffanel 13.00-14.00
UD2. Corridor					

*1: The Easiest Way to Start Developing with Openshift by Lalatendu Mohanty
*2: Layer based container images vs dependency graphs by Maarten Hoogendoorn
*3: CRI: How Kubernetes really runs containers by Jonathan Boulle

SUNDAY 5 FEBRUARY - SECOND PART

FOSDEM 17 .org

	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00
UA2.220 Linux Containers and Microservices	cgroupv2 - Linux's new unified control group hierarchy Chris Down 14.30-15.15	Troubleshooting Kubernetes Jorge Salamero 15.20-16.05	Running virtual machines in containers Michal Rostecki 16.10-16.55	
UB2.147 Certification		LibreOffice Exam Session 3 LibreOffice Team **15.00-16.00**		
UB2.252 A Monitoring and Cloud	Monitoring Kubernetes with OMD Labs Edition and Prometheus Michael Kraus 14.30-15.15	Social aspects of change Richard Hartmann 15.20-16.05	Deploying Prometheus at Wikimedia Foundation Filippo Giunchedi 16.10-16.55	
UD2.120 Python	Asynchronous programming with Coroutines in Python Ewoud Van Craeynest **14.00-14.30** Python and Raspberry Pi Ben Nuttall **14.30-15.00**	How to run a stable benchmark Victor Stinner **15.00-15.30** prompt_toolkit Jonathan Slenders **15.30-16.00**	asynctest - easier testing of asyncio code Martin Richard **16.00-16.30** Introduction to pyasn1 - Handling ASN.1-based protocols in Python **16.30-17.00**	
UD2.218 A Embedded, Mobile & Automative	Success and Failure in Building an Open-Source Software Platform for Autonomous Driving Systems Lukas Bulwahn 14.00-14.30 Device Tailored Compositors with the QtWayland Compositor Framework Andreas Cord-Landwehr 14.30-15.00	From zero to first test in your own LAVA laboratory Paweł Wieczorek 15.00-15.30 Testing with volcanoes - Fuego+LAVA : Embedded testing going distributed Jan-Simon Müller 15.30-16.00	Adding IEEE 802.15.4 and 6LoWPAN to an Embedded Linux Device Stefan Schmidt 16.00-16.30 OpenPowerlink over Xenomai Pierre Ficheux 16.30-17.00	
UD2. Corridor	PGP Keysigning **14.00-16.00**			