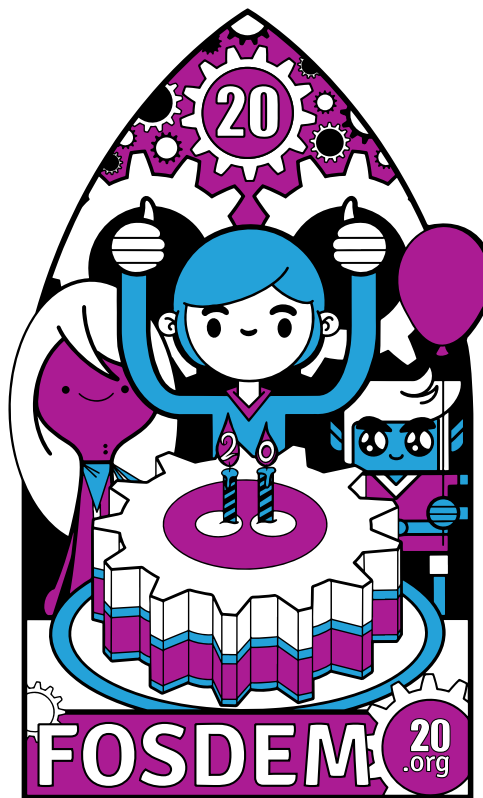


SEE YOU TOMORROW

BRUSSELS 1 FEBRUARY - 2 FEBRUARY

SATURDAY



FOSDEM 20.org

SATURDAY 1 FEBRUARY - FIRST PART

	09:00	10:00	11:00	12:00	13:00				
Janson	<p>Welcome to FOSDEM 2020</p> <p>FOSDEM Staff</p> <p>09:30-09:55</p>	<p>The Linux Kernel: We have to finish this thing one day ;) Solving big problems in small steps for more than two decades</p> <p>Thorsten Leemhuis</p> <p>10:00-10:50</p>	<p>LibreOffice turns ten and what's next</p> <p>Michael Meeks</p> <p>11:00-11:50</p>	<p>Over Twenty Years Of Automation</p> <p>James Shubin</p> <p>12:00-12:50</p>	<p>Blender, Coming of Age</p> <p>Ton Roosendaal</p> <p>13:00-13:50</p>				
K.1.105 (La Fontaine)		<p>How FOSS could revolutionize municipal government: with recent real-world examples</p> <p>Danese Cooper</p> <p>10:00-10:50</p>	<p>The Selfish Contributor Explained</p> <p>James Bottomley</p> <p>11:00-11:50</p>	<p>The Ethics Behind Your IoT</p> <p>Molly de Blanc</p> <p>12:00-12:50</p>	<p>Freedom and AI: Can Free Software include ethical AI systems?</p> <p>Justin W. Flory / Michael Nolan</p> <p>13:00-13:50</p>				
H.2215 (Ferrer)				<p>Civil society needs Free Software hackers</p> <p>Matthias Kirschner</p> <p>12:00-12:15</p>	<p>A tool for Community Supported Agriculture (CSA) management, OpenOliator</p> <p>Mikel Cordovilla</p> <p>12:20-12:35</p>	<p>What's in my food? Open Food Facts, the Wikipedia of Food</p> <p>Pierre Slamich</p> <p>12:40-12:55</p>	<p>Web3 - the Internet of Freedom, Value, and Trust</p> <p>Bruno Skvorc</p> <p>13:00-13:15</p>	<p>Next, the programmable web browser</p> <p>Atlas Engineer</p> <p>13:20-13:35</p>	<p>Web-late: open-source continuous localization platform</p> <p>Václav Zbránek</p> <p>13:40-13:55</p>
H.1301 (Cornil)			<p>Getting started with quantum software development</p> <p>Tomas Babej</p> <p>10:30-11:00</p>	<p>Quantum machine learning with PennyLane</p> <p>Joshua Izaac</p> <p>11:05-11:40</p>	<p>Quantum computing hardware and control systems</p> <p>Felix Tripier</p> <p>11:50-12:25</p>	<p>The role of open source in building quantum computing ecosystem from scratch</p> <p>Hakob Avetisyan</p> <p>12:35-13:10</p>	<p>Quantum Advantage and Quantum Computing in the Real World</p> <p>Mark Mattingley-Scott</p> <p>13:20-13:55</p>		
H.1302 (Depage)			<p>State of OpenJDK</p> <p>Mark Reinhold</p> <p>10:30-11:15</p>	<p>Project Loom: Advanced concurrency for fun and profit</p> <p>Andrew Haley</p> <p>11:20-11:45</p>	<p>TornadoVM: A Virtual Machine for Exploiting High-Performance Heterogeneous Execution of Java Programs</p> <p>Thanos Stratikopoulos</p> <p>11:50-12:15</p>	<p>ByteBuffers are dead, long live ByteBuffers!</p> <p>Maurizio Cimadamore</p> <p>12:20-13:00</p>	<p>Free at Last! The Tale of Jakarta EE</p> <p>Mike Milinkovich</p> <p>13:05-13:30</p>	<p>Shenandoah 2.0</p> <p>Roman Kennke</p> <p>13:35-14:00</p>	

SATURDAY 1 FEBRUARY - SECOND PART

FOSDEM²⁰.org

14:00			15:00			16:00			17:00			18:00			19:00														
The Hidden Early History of Unix: The Forgotten history of early Unix Warner Losh 14:00-14:50			Generation gaps Liam Proven 15:00-15:50			HTTP/3 for everyone Daniel Stenberg 16:00-16:50			State of the Onion Pili 17:00-17:50			SCION Mateusz Kowalski / Kamila Součková 18:00-18:50			Janson														
How Containers and Kubernetes re-defined the GNU/Linux Operating System Daniel Riek 14:00-14:50			Fixing the Kubernetes clusterfuck Kris Nova 15:00-15:50			Address Space Isolation in the Linux Kernel James Bottomley / Mike Rapoport 16:00-16:50			Guix: Unifying provisioning, deployment, and package management in the age of containers Ludovic Courtès 17:00-17:50						K.1.105 (La Fontaine)														
Kapow! A Web Framework for the Shell Roberto Abdelkader Martínez Pérez 14:00-14:15	Yjs: A CRDT framework for shared editing Kevin Jahns 14:20-14:35	Encrypt your collaboration with Crypt-Pad Ludovic Dubost 14:40-14:55	Protect your data objects, not your network connections Stephan Schwichtenberg 15:00-15:15	Optimizing sandbox creation with a FUSE file system Julio Merino 15:20-15:35	Indexing Encrypted Data Using Bloom Filters Claude Warren 15:40-15:55	Verifpal Nadim Kobeissi 16:00-16:15	Mandos Teddy Hogenborn 16:20-16:35	RedWax - trust only yourself Dirk Willem van Gulik 16:40-16:55	KDE Itinerary Volker Krause 17:00-17:15	Gate project Timo Savola 17:20-17:35	The pool next to the ocean: How to bring Open-Source skills to more people Johannes Tigges 17:40-17:55	Tracking local storage configuration on linux Alasdair Kerгон 18:00-18:15	Concept Programming, from ideas to code Christophe Dinechin 18:20-18:35	Desk-ConnD: Secure, cross-platform IPC on the network Omer Akram 18:40-18:55	H.2215 (Ferrer)														
Quantum circuit optimisation, verification, and simulation with PyZX John van de Wetering 14:05-14:40			SimulaQron - a simulator for developing quantum internet software Axel Dahlberg 14:50-15:25			The Role of Open Source Frameworks in Quantum Computing and Technologies Jack Hidary 15:35-16:10			Computing with the TensorNetwork Library Stefan Leichenauer 16:20-16:55			Quantum classifiers, robust data encodings, and software to implement them Ryan LaRose 17:05-17:40			Quantum computer brands: connecting apples and oranges Petar Korponaić 17:50-18:25			Quantum Open Source Foundation Mark Fingerhuth 18:30-19:00			H.1301 (Cornil)								
JMC & JFR - 2020 Vision Jie Kang 14:05-14:45			Hacking on GraalVM: A (very) Rough Guide Andrew Dinn / Josh Matsuoka 14:50-15:15			Reducing OpenJDK Java Garbage Collection times with stack allocation Nikola Greveski 15:20-15:45			G1: To infinity and beyond Stefan Johansson 15:50-16:15			Just-in-time compiling Java in 2020 Martin Doerr 16:20-16:45			Helpful NullPointerExceptions - The little thing that became a JEP Christoph Langer 16:50-17:15			Taming Metaspaces: a look at the machinery, and a proposal for a better one Thomas Stüfe 17:20-17:45			The OpenJDK JVM : Securing a moving target or What could possibly go wrong? Andrew Dinn 17:50-18:15			JRuby Startup and AOT Charles Nutter / Thomas Enebo 18:20-19:00			H.1302 (Depage)		

SATURDAY 1 FEBRUARY - FIRST PART

FOSDEM 20.org

	09:00	10:00	11:00	12:00	13:00					
H.1308 (Rolin)			<p>Fundamental Technologies We Need to Work on for Cloud-Native Networking Magnus Karlsson 10:30-11:10</p>	<p>Skydive Sylvain Baubeau / Sylvain Afchain 11:10-11:30</p>	<p>Do you really see what's happening on your NFV infrastructure? Emma Foley / Krzysztof Kepka 11:30-12:10</p>	<p>Endless Network Programming – An Update from eBPF Land Quentin Monnet 12:10-12:30</p>	<p>Replacing iptables with eBPF in Kubernetes with Cilium Michal Rostecki 12:30-12:50</p>	<p>Analyzing DDPK applications with eBPF Stephen Hemminger 12:50-13:10</p>	<p>XDP and page_pool API Ilias Apalodimos / Lorenzo Bianconi 13:10-13:30</p>	<p>Weave Net, an Open Source Container Network Bryan Boreham 13:30-14:10</p>
H.1309 (Van Rijn)		<p>^{1*} DNS Management in OpenStack Graham Hayes 10:35-11:05</p>	<p>HashDNS and FQDN DHCP Renzo Davoli 11:10-11:40</p>	<p>State of djbdns-curve6 Erwin Hoffmann (feh) 11:45-12:05</p>	<p>Testing DoH and DoT servers, compliance and performance Stéphane Bortzmeyer 12:10-12:30</p>	<p>Improving BIND 9 Code Quality Ondřej Surý 12:35-13:05</p>	<p>unwind(8) Florian Obser 13:10-13:40</p>	<p>extending catalog zones Leo Vandewoestijne 13:45-14:00</p>		
H.2213		<p>Designing and Producing Open Source Hardware with FOSS/OSHW tools Tsvetan Usunov 10:30-10:50</p>	<p>LibrePCB Status Update Urban Bruhin 10:55-11:15</p>	<p>Open-source design ecosystems around FreeCAD Yorik van Havre / Brad Collette 11:20-11:50</p>	<p>ngspice open source circuit simulator Holger Vogt 11:55-12:15</p>	<p>Towards CadQuery 2.0 Adam Urbanczyk 12:20-12:40</p>	<p>KiCad: Back to the Future Wayne Stambaugh 12:45-13:15</p>	<p>Pocket Science Lab from Development to Production Mario Behling 13:20-13:40</p>	<p>Designing functional objects with functional objects Marius Kintel 13:45-14:05</p>	
H.2214		<p>^{3*} MySQL 8 vs MariaDB 10.4 Peter Zaitsev 10:40-11:00</p>	<p>MyRocks in the Wild Wild West! Alkin Tezuysal 11:10-11:30</p>	<p>How Safe is Asynchronous Master-Master Setup? Sveta Smirnova 11:40-12:00</p>	<p>The consequences of sync_binlog != 1. Jean-François Gagné 12:10-12:30</p>	<p>Overview of encryption features Hrvoje Matijakovic 12:40-13:00</p>	<p>Whats new in ProxySQL 2.0? Nick Vyzas 13:10-13:30</p>	<p>SELinux fun with MySQL and friends Matthias C / Ivan Groenewold 13:40-14:00</p>		

*1. DNS Devroom Opening, Shane Kerr / Pieter Lexis / Peter van Dijk, 10:30-10:35

*2. Leveraging Open Source Designs, Lasse Mönch, 14:10-14:20

14:00		15:00		16:00		17:00		18:00		19:00		
	<p>Rethinking kubernetes networking with SRv6 and Contiv-VPP</p> <p>Ahmed Abdelsalam / Miroslaw Walukiewicz / Filip Gschwandtner / Daniel Bernier</p> <p>14:10-15:00</p>	<p>Akraino Edge KNI blueprint</p> <p>Yolanda Robla Mota / Ricardo Noriega</p> <p>15:00-15:40</p>	<p>Fast QUIC sockets for cloud networking</p> <p>Nathan Skrzypczak / Aloys Augustin</p> <p>15:40-16:20</p>	<p>Mixing kool-aids! Accelerate the internet with AF_XDP & DPDK</p> <p>Ciara Loftus / Kevin Laatz</p> <p>16:20-16:40</p>	<p>Dial your Network- ing Code up to 11</p> <p>Bruce Richardson / Harry van Haaren</p> <p>16:40-17:20</p>	<p>User- space network- ing: beyond the kernel bypass with RDMA!</p> <p>Benoît Ganne</p> <p>17:20-17:40</p>	<p>Vita: high- speed traffic encryption on x86_64 with Snabb</p> <p>Max Rottenkolber</p> <p>17:40-18:00</p>				H.1308 (Rolin)	
	<p>The Different Ways of Minimizing ANY</p> <p>Edward Lewis</p> <p>14:05-14:25</p>	<p>Check Yourself Before You Wreck Yourself</p> <p>Nic Jansma</p> <p>15:00-15:35</p>	<p>Metrics and models for Web performance evaluation</p> <p>Dario Rossi</p> <p>15:40-16:15</p>	<p>Hint, Hint, Font Loading Matters!</p> <p>Sia Karamalegos</p> <p>16:20-16:55</p>	<p>The ultimate guide to HTTP resource prioritization</p> <p>Robin Marx</p> <p>17:00-17:35</p>	<p>Shipping a performance API on Chromium</p> <p>Nicolás Peña Moreno</p> <p>17:40-18:15</p>	<p>The journey of building Open-SpeedMonitor</p> <p>Stefan Burnicki / Nils Kuhn</p> <p>18:20-18:55</p>				H.1309 (Van Rijn)	
	<p>2*</p>	<p>Fritzing - the past, the present and the future</p> <p>Kjell Morgenstern</p> <p>14:25-14:45</p>	<p>Sparse- lizard: a general purpose multiphysics FEM library</p> <p>Alexandre Halbach</p> <p>14:50-15:10</p>	<p>Open CAS- CADE Technology - an introduction and overview</p> <p>Alexander Malyshev</p> <p>15:15-15:45</p>	<p>News from gEDA/ gaf</p> <p>Roland Lutz</p> <p>15:50-16:10</p>	<p>Gmsh</p> <p>Chris- tophe Geuzaine</p> <p>16:15-16:35</p>	<p>AXIOM - open source cinema camera</p> <p>Sebastian Pichel- hofer</p> <p>16:40-17:00</p>	<p>Horizon EDA - Version 1.0</p> <p>Lukas Kramer</p> <p>17:05-17:25</p>	<p>OpenPit- on: An Open- Source Framework for EDA Tool Development</p> <p>David Went- zlaff</p> <p>17:30-17:50</p>	<p>Design- ing Hard- ware, Journey from Novice to Not Bad</p> <p>Eric Herman / Kendrick Shaw / Stephanie Medlock</p> <p>17:55-18:15</p>	<p>Finite element modeling with the deal.II software library</p> <p>Wolfgang Bangerth</p> <p>18:20-18:50</p>	H.2213
	<p>Running MySQL in Kuber- netes in real life</p> <p>Sami Ahlroos</p> <p>14:10-14:30</p>	<p>ALTER TABLE improvements in MariaDB Server</p> <p>Marko Mäkelä</p> <p>14:40-15:00</p>	<p>Rewind- ing time with System Ver- sioned Tables</p> <p>Sergei Golub- chik</p> <p>15:10-15:30</p>	<p>Knocking down the barriers of ORDER BY LIMIT queries with MariaDB 10.5</p> <p>Varun Gupta</p> <p>15:40-16:00</p>	<p>CPU performance analysis for MySQL using Hot/Cold Flame Graph</p> <p>Vinicius Grippa</p> <p>16:10-16:30</p>	<p>Hash Join in MySQL 8</p> <p>Erik Frøseth</p> <p>16:40-17:00</p>	<p>Compar- ing Hash Join solution, the good, the bad and the worse.</p> <p>Marco Tusa (the Grinch)</p> <p>17:10-17:30</p>	<p>MySQL 8.0: Secure your MySQL Replication Deployment</p> <p>Pedro Figueire- do</p> <p>17:40-18:00</p>	<p>Auto- mating schema migration flow with GitHub Actions, skeema & gh-ost</p> <p>Shlomi Noach</p> <p>18:10-18:30</p>	<p>20 mins to write a MySQL Shell Plugin</p> <p>Frédéric Des- camps</p> <p>18:40-19:00</p>	H.2214	

*3. Welcome to the MySQL, MariaDB & Friends Devroom 2020

SATURDAY 1 FEBRUARY - FIRST PART

	09:00	10:00	11:00	12:00	13:00			
H.3242			Apache Camel BoF Zoran Regvart 11:00-12:00					
H.3244								
J.1.106			TinyGo Ron Evans 11:00-12:00	Sourcehut & aerc meetup Drew DeVault 12:00-13:00				
AW1.120		How a CMS system and linked data can make a distributed knowledge base Sander Van Dooren 10:30-10:55	From 0 to Intranet in 20 minutes with XWiki Anca Luca 11:00-11:25	ONLYOFFICE: How to securely collaborate on documents within content management applications Alex Mikheev 11:30-11:55	A dozen more things you didn't know Nextcloud could do Jos Poortvliet 12:00-12:25	Bringing Collabora Online to your web app Michael Meeks 12:30-12:55	More than one tool for collaborating on writing the Tiki CMS Jean-Marc Libs 13:00-13:25	Wikibase Ecosystem Lydia Pintscher 13:30-13:55
AW1.121		Farwest Demo Loïc Huguin 10:30-10:50	OpenTelemetry: an XKCD 927 Success Story Greg Mefford 11:00-11:20	Debugging and tracing a production RabbitMQ node Gabriele Santomagno 11:30-11:50	Keep Calm and Use Nerves Arjan Scherpennisse 12:00-12:20	Lumen Luke Imhoff 12:30-12:50	Coffee-Beam Viktor Gergely 13:00-13:20	Going Meta with Elixir's Macros Wiebe-Marten Wijnja 13:30-13:50
AW1.125		1* An Introduction to Ada for Beginning and Experienced Programmers Jean-Pierre Rosen 10:35-11:20	HAC: the Compiler which will Never Become Big Gautier de Montmoulin 11:30-11:50	Tracking Performance of a Big Application from Dev to Ops Philippe Waroquiers 12:00-12:50	Cappulada: What we've Learned Johannes Kliemann 13:00-13:20	Programming ROS2 Robots with RCLAda Alejandro Mosteo 13:30-13:50		

*1. Welcome to the Ada DevRoom, Dirk Craeynest, 10:30-10:35

*2. Informal Discussions & Closing, Dirk Craeynest, 18:50-19:00

14:00	15:00	16:00	17:00	18:00	19:00						
		Replicant Meetup dllud 16:00-17:30		Creating Sustainable Public Sector Open Source Communities OSOR team 17:30-19:00							
	A best practices guide for FOSS community managers: The Open Source Way v2.0 Karsten Wade 15:00-16:00	Lexemes in Wikidata Lydia Pintscher 16:00-16:30	Nuspell: version 3 of the new spell checker Sander van Geloven 16:30-17:00	Weblate! Localize your project the developer way: continuously, flawlessly, community driven, and open-source Václav Zbránek 17:00-18:00	Open Edge Hardware and Software for Natural Language Translation and Understanding Alexander Rush / Thierry Tambe 18:00-18:30	Poio Predictive Text Peter Bouda 18:30-19:00					
Decentralized collaborative applications TG x 14:00-14:25	The unsupervised free CAT for low resource languages Alberto Massidda 15:00-16:00										
Processes & Grains Evadne Wu 14:00-14:20	Designing a performant and scalable graph processing python package Vincent Cave 15:00-15:20	Graffiti Sylvain Baubeau 15:25-15:45	The Neo4j Graph Algorithms Library: An Overview Paul Horn 15:50-16:10	Gunrock: High-Performance Graph Analytics for the GPU Muhammad Osama 16:15-16:35	Hardware-Software Co-Design for Efficient Graph Application Computations on Emerging Architectures Margaret Martonosi 16:40-17:00	Programable Unified Memory Architecture (PUMA) Stijn Eyerman 17:05-17:25	Cypher enhancements for shared and federated graph databases Tobias Johansson / Petr Janouch 17:30-17:50	Raphortory: Streamlining analysis of distributed temporal graphs Ben Steer 17:55-18:15	Temporal Graph Analytics with GRA-DOOP gomez 18:20-18:40	Weaviate OSS Smart Graph Bob van Luijt 18:40-19:00	
Live Demo of Ada's Distribution Features Jean-Pierre Rosen 14:00-14:50	Writing Shared Memory Parallel Programs in Ada Jan Verschelde 15:00-15:20	Spunky: a Genode Kernel in Ada/SPARK Martin Stein 15:30-15:50	Alire: Ada Has a Package Manager Fabien Chouteau / Pierre-Marie de Rodat / Alejandro Mosteo 16:00-16:50		Protect Sensitive Data with Ada Key-store Stephane Carrez 17:00-17:20		EUGen: a European Project Proposal Generator Riccardo Bernardini 17:30-17:50	On Rapid Application Development in Ada Tomasz Maluszcycki 18:00-18:20	Ada-TOML: a TOML Parser for Ada Pierre-Marie de Rodat 18:30-18:50	2*	

H.3242

H.3244

J.1.106

AW1.120

AW1.121

AW1.125

SATURDAY 1 FEBRUARY - FIRST PART

	09:00	10:00	11:00	12:00	13:00						
AW1.126			The good and the bad sides of developing open source tools for neuroscience Jan Grewe 10:30-11:00	Challenges and opportunities in scientific software development Julia Sprenger 11:00-11:30	NeuroFedora: Enabling Free/Open Neuroscience Aniket Pradhan 11:30-12:00	Spotlight on Free Software Building Blocks for a Secure Health Data Infrastructure Markus Suhr 12:00-12:30	DataLad Michael Hanke 12:30-13:00	Frictionless Data for Reproducible Research Lilly Winfree 13:00-13:30	On the road to sustainable research software. Mateusz Kuzak 13:30-13:45	Stylo : a user friendly text editor for humanities scholars Antoine Fauchie 13:45-14:00	
K.3.201		1* Python for Godot Emmanuel Leblond 10:45-11:10	0 A.D.: Graphics Pipeline Vladislav Belov 11:15-12:00	Can anyone need Veripeditus? Dominik George 12:05-12:30	Game development with OpenXR Christoph Haag 12:35-13:00	Open lightning talks George Marques 13:05-14:00					
K.3.401		How lowRISC made its Ibex RISC-V CPU core faster Greg Chadwick 10:30-10:50	BlackParrot Dan Petrisko 10:50-11:10	The HammerBlade RISC-V Manycore Michael Taylor 11:10-11:30	Open ESP Luca Carloni 11:30-11:50	Building Loosely-coupled RISC-V Accelerators Schuyler Eldridge 11:50-12:10	ERASER: Early-stage Reliability And Security Estimation for RISC-V Karthik Swaminathan 12:10-12:30	2* Cacheable Overlay Manager RISC-V Ofer Shinaar 12:50-13:10	RISC-V Boot flow: What's next ? Atish Patra 13:10-13:30	Oreboot Ryan O'Leary 13:30-13:50	3*
K.4.201		Debugging with LLVM Andrzej Warzynski 10:30-11:10	Benchmarking LLVM using Embench Jeremy Bennett 11:15-11:55	Confronting Clang and Fedora Serge Guelton (sergesans-paille) 12:10-12:50	LLVM and GCC Jeremy Bennett 12:55-13:35						
K.4.401			libltoff status update Simon Ser 11:00-11:25	Zink Update Erik Faye-Lund 11:30-11:55	Modernizing mesa3d.org Erik Faye-Lund 12:00-12:55	Enabling 8K displays Manasi Navare 13:00-13:55					

*1. Welcome to game development devroom, Julian Murgia / George Marques, 10:30-10:40

*2. RISC-V Software and Firmware Development in the Cloud Using OpenPiton+Ariane on Amazon F1, David Wentzlaff, 12:30-12:50

14:00			15:00		16:00		17:00		18:00		19:00						
Using Ad-vene to accompany research in Audio-Visual Digital Humanities Olivier Aubert 14:00-14:15	Shrivelling world Nicolas Røelandt 14:15-14:30	Empowering social scientists with web mining tools Guillaume Plique 14:30-15:00	Revamping OpenRefine Antonin Delpeuch 15:00-15:30	Pocket infra-structures to bridge reproducible research, live coding, civic hacktivism and data feminism for/from the Global South Offray Luna 15:30-16:00	Journalists are researchers like any others Anne L'Hôte / Bruno Thomas 16:00-16:30	Developing from the field. Audrey Baneyx / Robin De Mourat 16:30-17:00	Transforming scattered analyses into a documented, reproducible and shareable workflow Sébastien Rochette 17:00-17:30	A community-driven approach towards open innovation for research communication Emmy Tsang 17:30-18:00	The Journal of Open Source Software: credit for invisible work Karthik Ram 18:00-18:30	DSpace 7: A major leap forward for the leading institutional repository platform Bram Luyten 18:30-19:00	AW1.126						
Java & Games Mahmoud Abdelghany 14:05-15:00			Double your contributors using these 3 simple tricks! Eshed Shaham 15:05-15:35		Benefits of porting Godot Engine to Vulkan Juan Linietsky 15:45-16:45		Blender projects for 2020 Ton Rooendaal 16:55-17:15		Reloading Escoria Julian Murgia 17:15-17:45		Spring & Steam, an Odyssey Eshed Shaham 17:50-18:30		K.3.201				
Port luajit to RISC-V Anton Kuzmin 14:10-14:30			Alpha Waves, the first 3D platformer ever Christophe de Dinechin 15:00-15:30		BASICODE: the 8-bit programming API that crossed the Berlin Wall Rob Hagemans 15:35-16:05		Retro music - Open Cubic Player Stian Sebastian Skjelstad 16:10-16:40		Reviving Minitel Frédéric Bisson 16:45-17:15		Reverse engineering a VIC-20 expansion cartridge Ben Dooks 17:20-17:50		Running a mainframe on your laptop (for fun and profit) Jeroen Baten 17:55-18:25		Arcade game port to ZX Spectrum Rui Martins 18:30-19:00		K.3.401
LLVM meets Code Property Graphs Alex Denisov / Fabian Yamaguchi 13:50-14:30			LLVM and Python Batuhan Taşkaya 14:35-15:15		Flang : The Fortran frontend of LLVM Kiran Chandramohan 15:20-16:00		Ask LLVM developers Anything Panel Kristof Beyls / Peter Smith / Nick Desaulniers 16:05-16:45		Automating Programming and Development of Heterogeneous SoCs with LLVM Tools Joshua Mack / Nir-mal Kumbhare 17:00-17:40		HPVM: Extending LLVM For Compiling to Heterogeneous Parallel Systems Vikram Adve 17:45-18:25				K.4.201		
FOSS Virtual & Augmented Reality Jakob Bornecrantz 14:00-14:55			Back to the Linux Framebuffer! Nicolas Caramelli 15:00-15:55		The TTM memory manager Christian König 16:00-16:55		Pattern Based Code Generation for GPUs Ian Romanick 17:00-17:55		A Vulkan driver for the RPI4 Andreas Bergmeier 18:00-18:25		libratbag Filipe Laíns 18:30-18:55				K.4.401		

*3. RISC-V Hypervisors, Anup Patel, 13:50-14:10

*4. Welcome to the Retrocomputing DevRoom 2020, Pau Garcia Quiles (pgquiles) / François Revol (mmu_man), 14:55-15:00

SATURDAY 1 FEBRUARY - FIRST PART

	09:00	10:00	11:00	12:00	13:00			
K.4.601		1* Introduction to the CoSMIX Compiler Yan Michalevsky 10:40-11:10	Be secure with Rust & Intel SGX Jethro G. Beekman 11:15-11:45	The Confidential Consortium Framework Amaury Chamayou 11:50-12:20	EActors: an actor-based programming framework for Intel SGX Vasily A. Sartakov 12:25-12:55	A Tale of Two Worlds: Assessing the Vulnerability of Enclave Shielding Runtimes Jo Van Bulck 13:00-13:30	HOWTO build a product with OP-TEE Rouven Czerwinski 13:35-14:05	
UA2.114 (Baudoux)		Threat Modelling for Developers Arne Padmos 10:30-10:55	OSINT David Busby 11:00-11:25	Securing Existing Software using Formally Verified Libraries Tobias Reiher 11:30-11:55	SpecFuzz: Bringing Spectre-type vulnerabilities to the surface Oleksii Oleksenko 12:00-12:25	Falco Internals 101: Syscalls processing for security analysis Lorenzo Fontana 12:30-12:55	Docker Security considerations & Incident Analysis John Lionis 13:00-13:25	Incrementality and deck functions Gilles Van Assche 13:30-13:55
UA2.220 (Guillissen)		2* Technology challenges for privacy: the case of decentralized social media Cristina DeLisle 10:35-11:00	DEBATE: Should FOSS licenses be enforced at all? What means are acceptable if so? Pamela Chestek / Giovanni Battista Gallus / Marc Jones / McCoy Smith 11:00-11:50	DEBATE: Does Careful Inventory of Licensing Bill of Materials Have Real Impact on FOSS License Compliance? Bradley M. Kuhn / Carol Smith / Jeff McAffer 12:00-12:50	COLLAB: How can we give users standing in free/open software/hardware? Italo Vignoli 13:00-13:25	COLLAB: The optics of the policy Nathan Willis 13:30-13:55		
UB2.147		Improving the culture of automated testing in FOSS Alexandros Frantzis 10:30-11:00	Welcome to KernelCI Guillaume Tucker 11:05-11:35	Abusing GitLab CI to Test Kernel Patches Nikolai Kondrashov 11:40-12:20	OpenQA with the JDP data analyses framework: Bug tag propagation on 2M+ test results using Julia Richard Palethorpe 12:25-13:15	Automated Performance Testing for Virtualization with MMTests Dario Faggioli 13:20-13:50	3*	

*1. Opening, Vasily A. Sartakov, 10:30-10:40 *2. Welcome to the Legal & Policy Issues DevRoom, Tom Marble, 10:30-10:35

SATURDAY 1 FEBRUARY - SECOND PART

FOSDEM²⁰.org

14:00		15:00		16:00		17:00		18:00		19:00									
Demo: SGX-LKL Thiagwo Zagatti 14:10-14:30		Open source UEFI and TianoCore Leif Lindholm 15:00-15:25		Discover UEFI with U-Boot Heinrich Schuchardt 15:30-15:55		Heads OEM device ownership/reownership: A tamper evident approach to remote integrity attestation Thierry Laurion 16:00-16:25		Improving the Security of Edge Computing Services Daniel Kiper / Piotr Król 16:30-16:55		Introducing AUTOREV Patrick Rudolph 17:00-17:25		Look at ME! Daniel Maslowski (CyReVolt) 17:30-17:55		Capsule Update & LVFS: Improving system firmware updates Brian Richardson 18:00-18:25		Opening Intel Server firmware based on OpenBMC example Maciej Lawniczak / Przemyslaw Czarnowski 18:30-18:55		K.4.601	
How Transparent Data Encryption is built in MySQL and Percona Server? Robert Gołebowski 14:00-14:25		Secure logging with syslog-ng Stephan Marwedel 14:30-14:55		Protecting plaintext secrets in configuration files Moisés Guimarães 15:00-15:25		Application Whitelisting in Linux Environment Radovan Sroka 15:30-15:55		seccomp — Your Next Layer of Defense Philipp Krenn 16:00-16:25		Kernel Runtime Security Instrumentation Florent Revest 16:30-16:55		Using SE-Linux with container runtimes Lukas Vrabec 17:00-17:25		The hairy issue of e2e encryption in instant messaging Winfried Tilanus 17:30-17:55		What you most likely did not know about sudo... Peter Czanik 18:00-18:25		UA2.114 (Baudoux)	
DEBATE: The 4 Freedoms and OSD are outdated and no longer relevant in 2020 Neil McGovern / Andrew Katz / Matt Jarvis / Luis Villa / Frank Karlitschek / Amanda Brock 14:00-14:50		DEBATE: Should licenses be designed to advance general social goals? Molly de Blanc / John Sullivan / Dashiell Renaud / James Vasile / Josh Simmons 15:00-15:50		DEBATE: Does FOSS need sustainability? Tom Marble / Philippe Ombredanne / Luis Villa / Mehdi Medjaoui 16:00-16:50		Oracle v. Google: What are the implications for FOSS? Van Lindberg 17:00-17:25		Legal Organizer's Panel Tom Marble / Bradley M. Kuhn / Karen Sandler / Richard Fontana 17:30-18:20								UA2.220 (Guillissen)			
Introducing OpenTAP - Open Test Automation Project Rolf Madsen 14:25-14:55		One test output format to unite them all Boris Feld 15:00-15:30		Releasing Software with GitOps Sean McGinnis 15:35-16:05		Writing Go(od) Tests Nikki Attea 16:10-16:55		4* Testing a large testing software Rémi Durafort 17:15-17:45		Correlation analysis in automated testing Łukasz Wcisło 17:50-18:10		How to fail successfully and reliably Saleem Siddiqui 18:15-19:00				UB2.147			

*3. Auto-healing cluster through negative testing, Rajat Singh, 13:55-14:20

*4. Testing apps with third-party API integrations, Carolyn Stransky (carostran), 17:00-17:10

SATURDAY 1 FEBRUARY - FIRST PART

	09:00	10:00	11:00	12:00	13:00				
UB2.252A (Lameere)		<p>Extending sudo in Python Peter Czanik 10:30-10:55</p>	<p>Boosting Python with Rust Raphaël Gomès 11:00-11:25</p>	<p>How to write a scikit-learn compatible estimator/transformer Adrin Jalali 11:30-11:55</p>	<p>Why is Django 3.0 a revolution for building websites with Python? Rémy Hubscher 12:00-12:25</p>	<p>Will somebody *please* tell me what's going on? Stephen Finucane 12:30-12:55</p>	<p>Discover Static Code Analysis in Python with Coala Framework Lionel Lonkap Tsamba 13:00-13:25</p>	<p>When Python meets GraphQL: Managing contributors identities in your open source project Miguel-Ángel Fernández 13:30-13:55</p>	
UB4.132					<p>LPI Exam Session 1 LPI Team 13:00-15:00</p>				
UB4.136		<p>Openoffice Build system Peter Kovacs 10:30-10:55</p>	<p>Contributing to LibreOffice without C++ knowledge Ilmari Lauhakangas 11:00-11:25</p>	<p>coverity and oss-fuzz issue solving Caolán McNamara 11:30-11:55</p>	<p>LibreOffice lockdown and encryption improvements Thorsten Behrens 12:00-12:25</p>	<p>Prioritizing is key Xisco Fauli 12:30-12:55</p>	<p>Proposal to inspect and highlight styles in Writer Heiko Tietze 13:00-13:25</p>	<p>LibreOffice Theme Changer Rania Amina 13:30-13:55</p>	
UB4.228		<p>Open Source Hardware and Soldering Workshop Tsvetan Usunov 10:30-19:00</p>							
UD2.119		<p>Past, Present and Future of DRLM project Didac Oliveira 10:30-11:00</p>	<p>Relax-and-Recover (ReaR) Basics Gratien D'haese 11:05-11:35</p>	<p>Relax-and-Recover (ReaR) Mass Deployment Gratien D'haese 11:40-12:05</p>	<p>Overview of Bareos 12:10-12:35</p>	<p>oVirt-Plugin for Bareos 12:40-12:55</p>	<p>Preserve kubernetes state using heptio velero Harshita Sharma 13:00-13:15</p>	<p>Percona Xtra-Backup Current and Future State Tyler Duzan 13:20-13:35</p>	<p>Percona Backup for MongoDB: Status and Plans Mykola Marzhan 13:40-13:55</p>

SATURDAY 1 FEBRUARY - SECOND PART

FOSDEM²⁰.org

14:00		15:00		16:00		17:00		18:00		19:00		
Follow Your Celery Tasks Nicolas Crocfer 14:00-14:25	Asyncio: understanding async and await in Python Jonathan Slenders 14:30-14:55	Production-time Profiling for Python Julien Danjou 15:00-15:25	Introduction to Reactive Programming with RxPY Romain Picard 15:30-15:55	Introducing HTTPX Tom Christie 16:00-16:25	FoxDot and the Summer of 2019 Moisés Guimarães 16:30-16:55	Monads in Python: why and how? Vincent Perez 17:00-17:25	repcloud Federico Campoli 17:30-17:55	Thoth - a recommendation engine for Python applications Fridolín Pokorný 18:00-18:25	The Pythran compiler, 7 years later Serge Guelton (sergesans-paille) 18:30-18:55	UB2.252A (Lameere)		
			LPI Exam Session 2 LPI Team 15:30-17:30									UB4.132
Creating Word Clouds with OpenOffice Andrea Pescetti 14:00-14:25	Crowdfunding to advance open document editors Simon Phipps 14:30-14:55	Online Open Document Editing New Possibilities Cor Nouws 15:00-15:25	Make Online yours Pedro Pinto Silva 15:30-15:55	Online: wrestling web Copy/Paste to usability Michael Meeks 16:00-16:25	Integrate Collabora Online with web applications Andras Timar 16:30-16:55	LibreOffice Online adoption into 1&1 Mail&Media ecosystem Eduard Ardeleanu 17:00-17:25	Collabora Office Android app category details Jan Holesovsky 17:30-17:55	Lightning talk session Thorsten Behrens 18:00-18:55			UB4.136	
											UB4.228	
Self-hosted server backups for the paranoid Axel Trwipier 14:00-14:30		FASTEN: Scaling static analyses to ecosystems Georgios Gousios 15:00-15:30	There's no sustainability problem in FOSS Carol Smith / Duane O'Brien 15:30-16:00	Comparing dependency management issues across packaging ecosystems Tom Mens 16:00-16:30	Building Confidence & Overcoming Insecurity Jeff McAffer 16:30-17:00	Precise, cross-project code navigation at GitHub scale Douglas Creager 17:00-17:30	Spack's new Concretizer Todd Gamblin 17:30-18:00	Package managers: resolve differences William Bartholomew 18:00-18:45			UD2.119	

SATURDAY 1 FEBRUARY - FIRST PART

	09:00	10:00	11:00	12:00	13:00				
UD2.120 (Chavanne)		Introducing Tanka 10:30-10:55	Using OpenAPI to Maximise Your Pulp 3 Experience Dennis Kliban 11:00-11:25	Doomed are the dinosaurs! David Heijkamp 11:30-11:55	Compliance management with OpenSCAP and Ansible Amit Upadhye 12:00-12:25	Ephemeral Environments For Developers In Kubernetes Jeff Knurek 13:30-13:55			
UD2.208 (Decroly)		Podman - The Powerful Container Multi-Tool Sascha Grunert 10:30-10:50	Lazy distribution of container images Akihiro Suda 10:55-11:15	BPF as a revolutionary technology for the container landscape Daniel Borkmann 11:20-11:50	Kata Containers on openSUSE Ralf Haferkamp 11:55-12:15	Evolution of kube-proxy Laurent Bernaille 12:20-12:50	Container Live Migration Adrian Reber 12:55-13:15	Supervising and emulating syscalls Christian Brauner 13:20-13:40	Below Kubernetes: Demystifying container runtimes Thierry Carrez 13:45-14:05
UD2.218A		Integrating Julius Speech Recognition Engine Thierry Bultel 10:30-10:55	Building Homebridge with the Yocto Project Leon Anavi 11:00-11:25	Building an embedded VoIP network for video intercom systems Elisa Nectoux 11:30-11:55	ROS2: The evolution of Robot Operative System Jose Luis Rivero 12:00-12:25	Introduction to Eclipse iceoryx Simon Hoinkis 12:30-12:55	Building a low-cost test fixture Guillaume Vier 13:00-13:25	How to integrate secure elements Michael Schloh von Bennewitz 13:30-13:55	

SATURDAY 1 FEBRUARY - SECOND PART

FOSDEM²⁰.org

14:00		15:00		16:00		17:00		18:00		19:00	
Code Workload Management into the Control Plane Michael Hrivnak 14:00-14:25	Immutable deployments: the new classic way for service deployment Matteo Valentini 14:30-14:55	Foreman meets Ansible Adam Růžička 15:00-15:25	Hacking Terraform for fun and profit Anton Babenko 15:30-15:55	Building a self healing system with Salt-Stack Gareth J Greenaway 16:00-16:25	Infrastructure testing, it's a real thing! Paul Stack 16:30-17:25	Mgmt Config: Autonomous Datacentres James Shubin 17:30-17:55	Gofish - a Go library for Redfish and Swordfish Sean McGinnis 18:00-18:25				UD2.120 (Chavanne)
Linux memory management at scale Chris Down 14:10-14:40	Running full Linux systems in containers, at scale Stéphane Graber 14:45-15:05	How (Not) To Containerise Securely Andrew Martin 15:10-15:40	Using crio-lxc with Kubernetes Tycho Andersen / Mike McCracken 15:45-16:15	Containers and Steam Simon McVittie 16:20-16:40	Distributed HPC Applications with Unprivileged Containers Felix Abecassis / Jonathan Calmels 16:45-17:15	Kubernetes on ARM64 Jean-Frederic Clere 17:20-17:40	Inspektor Gadget and trace-loop Alban Crequy 17:45-18:05	Extending and embedding: containerd project use cases Phil Estes 18:10-18:30	A way of GPU virtualization for container Shengbo Song 18:35-19:00		UD2.208 (Decroly)
Embedded systems, the road to Linux Angelo Dureghello 14:00-14:50	boot/loader — How to boot Linux and nothing else Łukasz Stelmach 15:00-15:25	PipeWire in the Automotive Industry George Kiagiadakis 15:30-15:55	WPE, The WebKit port for Embedded platforms Philippe Normand 16:00-16:25	How Yocto extra tools help industrial project Pierre Ficheux 16:30-17:20	The State of PTXdist Roland Hieber 17:30-17:55	lognplot - logging and plotting data from micro's Windel Bouwman 18:00-18:25	U:Kit: Open-source software and hardware smoke detector Slavey Karadzhov 18:30-18:55				UD2.218A