

Thursday, 19th Mar

FOSSASIA Summit 2020 - Towards a Sustainable Society



Nayana Adassuriya (FOSSASIA)

Talk

09:30 - 09:40

FOSSASIA 2019 in Review



Hong Phuc Dang (Founder FOSSASIA)

Talk

09:40 - 10:00

SUSI.AI Smart Speaker



Norbert Preining (Research and Development Accelia Inc.)

Talk

10:00 - 10:20

Using KiCad Open Hardware Pipelines



Seth Hillbrand (Chief Technologist KiCad Services Corporation)

Talk

10:20 - 10:50

Continuous Integration for Sustainable Hardware Production in the Automotive Industry



Mario Behling (OpnTec GmbH)

Talk

10:50 - 11:10

Betrusted: Behind the Scenes



Andrew Bunnie Huang (Kosagi)

Talk

11:30 - 12:00

Be The Leader You Need



Megan Byrd-Sanicki (Open Source Strategist Google)

Talk

12:00 - 12:30

Open source citizenship for everyone!



Molly de Blanc (Strategic Initiatives Manager GNOME Foundation)

Talk

13:30 - 14:00

The critical importance of use-neutrality in F/OSS licensing



Roland Turner (OpenTech Summit Organising Team | Chief Privacy Officer FOSSASIA | TrustSphere)

Talk

14:00 - 14:30

Creating a Sustainable World through Open Source and Lifelong Learning



Mario Behling (OpnTec GmbH)

Panel Discussion

14:30 - 15:20


LibreOffice 10th Anniversary: the many faces of a global FOSS community



Lothar K. Becker (Board Director The Document Foundation)

Talk

15:40 - 16:10

Powering 1/6 of the Web: Translation Community in WordPress 



Naoko Takano (Polyglots Global Mentor WordPress)

Talk

16:10 - 16:40

Open Source Robotics Middleware Framework for Healthcare 




Grey (Senior Software Engineer Open Robotics)

Talk

16:40 - 17:10

Friday, 20th Mar

DevOps beyond CI and CD 



Rumesh Eranga Hapuarachchi (Tech Lead 99X Technology)



Talk

09:30 - 10:00

Strolling Along the WebAssembly Alley



Paul Loret Amazona (Co-Organizer BigDataX)

Talk

10:00 - 10:30

Making open data more accessible: Exploring seasonal insights from Singapore weather station data



Chin Hwee Ong (Data Engineer ST Engineering)

Talk

Demystifying Front-End Security



Ilya Verbitskiy (Technical Lead Standard Chartered Bank)

Extended Talk

10:00 - 10:50

Write CLI tools in Haskell



Jens Petersen (Developer Fedora Project)

Extended Workshop

10:00 - 11:30

Five Keys to your Enterprise Container Strategy



Shaun Norris (Field CTO, APJ, Modern Applications Platform Business Unit (MAPBU) VMware)

Workshop

10:10 - 11:00

Everything you need to know to get started with Angular



Ahamed Safnaj (Campus Expert GitHub)

Talk

10:30 - 11:00

Python Workshop [Part 1]



Academy (FOSSASIA)



Extended Workshop

10:30 - 12:30

SUSI.AI Personal Assistant - Introduction, Installation, Basic Usage



Norbert Preining (Research and Development Accelia Inc.)

Talk

Speed Up Your Data Processing: Parallel and Asynchronous Programming in Python



Chin Hwee Ong (Data Engineer ST Engineering)

Talk

Deliciously Typed Ruby!



Daniel Sim (Software Engineer Stripe Payments Singapore)

Lightning Talk

10:40 - 11:10

11:00 - 11:10

Advanced SELinux Administration



Jason Zaman (Senior Staff Engineer Light Labs Gentoo Linux)
Extended Talk

11:10 - 12:00

Koalas: Easy Transition from Pandas to Spark



Ben Sadeghi (Partner Solutions Architect Databricks)
Talk

11:20 - 11:50

Kubernetes: the API to boost Open Source



Henning Jacobs (Senior Principal Zalando SE)
Extended Talk

11:20 - 12:00

AR/VR for 2020



Satoshi Goto (Tech Lead, Senior Software Engineer Rakuten)



Satoshi Goto (Tech Lead, Senior Software Engineer Rakuten)

Talk

11:30 - 12:00

Hardware-assisted flow integrity on ARM



Rémi Denis-Courmont (Lead Architect VideoLAN)

Talk

11:40 - 12:10

Open Source CI/CD components for GitHub Actions



Lothar Schulz (Engineering Manager REACH NOW)

Talk

12:00 - 12:30

Staging WebXR for ARCloud



Shubendra Singh Chauhan (Mozilla Rep Mozilla)

Talk

13:30 - 14:00

Next generation Web UIs with Svelte



Rajika Imal (Senior Software Engineer 99X Technology)

Talk

CLocal Azure - An emulation engine for Azure services



Lakindu Gunasekara (Committer SCoRe Lab)

Talk

System Transparency



Kai Michaelis (System Security Architect 9elements Cyber Security)

Talk

Lightning Talks



Mario Behling (OpnTec GmbH)



Extended Workshop

13:30 - 14:30

Python Workshop Part II



Academy (FOSSASIA)
Extended Workshop

13:30 - 16:00

XSS: Pillar of Cybersecurity



Parth Shukla (ITM Universe)
Talk

14:00 - 14:30

Terraform, Pulumi, AWS CDK... but what do we really need!?



Anton Babenko (AWS Community Hero / Terraform fanatic modules.tf)
Talk

Using PSLab to visualise fundamentals of radio electronics



Roland Turner (OpenTech Summit Organising Team | Chief Privacy Officer FOSSASIA | TrustSphere)

Extended Workshop

14:00 - 16:30

Eventyay live UX/design review



Jan C. Borchardt (Nextcloud & Open Source Design)

Talk

14:10 - 14:40

Debian Science - a workbench for scientists



Andreas Tille (Developer Debian)

Extended Talk

14:10 - 15:00

Running a Ceph Storage Cluster on the Cheap



Manuel Riel (iViveLabs Ltd.)



Talk

14:30 - 15:00

Multi-Factor Authentication for Everyone



Chathu Vishwajith (Ambassador Auth0 Inc)

Talk

14:40 - 15:10

Making your web project fast and easy with AMP



Aman Sharma (WG Member/ CTO AMP / Twimbit)

Talk

5 Levels of High Availability: from Multi-instance to Hybrid Cloud



Rafał Leszko (Cloud Software Engineer Hazelcast)

Talk

15:20 - 15:50

FreeBSD, The Other Unix-Like Operating System and Why You Should Get Involved! ★



Philip Paeps (FreeBSD)

Extended Talk

15:20 - 16:10

nbdev: Delightful exploratory python programming using Jupyter Notebooks ★



Yoke Keong Wong (NUS)

Talk

15:30 - 16:00

How to write pylint plugins for fun & profit ★



Alexander Todorov (Project Lead Kiwi TCMS)

Extended Workshop

15:30 - 17:00

ko - zero-config tool for deploying Go app on k8s ★



Stanley Nguyen (Software Engineer Xendit)

Talk

15:50 - 16:20

Developing Arcade Game in Python



Yue Lin Choong (Director Women Who Code Singapore)

Extended Workshop

16:00 - 17:30

Modularity & Dependency Injection at Scale on Android



Saud Khan (Software Engineer Twitter)

Extended Talk

16:20 - 17:10

Advanced Microservices Architectures



Chin Hong Hua (Principal Solution Architect Red Hat)

Extended Talk

16:30 - 17:00

How cloud-native applications are helping organisations stay ahead of cybersecurity threats ★



Jerome Walter (Field Chief Information Security Officer, APJ, Modern Applications Platform Business Unit (MAPBU) VMware)

Talk

17:00 - 17:30

From SaltStack to Puppet and beyond ★



Yury Bushmelev (SP Digital)

Extended Talk

17:10 - 18:00

Kubernetes at the Edge ★



Isham Mohamed (Senior Software Developer Kloudynet Technologies), M.M. Fathima Naja (ICT Lecturer South Eastern University of Sri Lanka)

Talk

17:30 - 18:00

Web Development with Flask ★

Web Development with Flask



Mario Behling (OpnTec GmbH)
Extended Workshop

18:00 - 20:30

Deep Learning with Tensorflow



Mario Behling (OpnTec GmbH)
Extended Workshop

Saturday, 21st Mar

How to get my child AI Ready?



William Tan (Head/Technology Projects ITE College West)
Talk

10:00 - 10:30

Business Considerations of Community Open Source Software: A Long-time Developer's Perspective.



Chris Travers (Head of Database Adjust GmbH)

Talk

AnalyticDB for MySQL



Ang Wei Shan (Database Achitect Alibaba Cloud)

Talk

Betrusted: A Secure Communications Platform



Sean "xobs" Cross (Developer Betrusted)

Talk

Testing [for] security [in] open source



Alexander Todorov (Project Lead Kiwi TCMS)

Extended Talk

10:00 - 11:30

Deploying Information Retrieval Systems with HotDocsNLP



Lik Khian Yeo (Senior AI Engineer AI Singapore)
Workshop

Introduction to Flutter - Build your First App



Kaniganti Sai Tarun (Android Engineer Small Planet)
Extended Workshop

A quick tour of Knative



Hairizuan Noorazman (Software Engineer Acronis)
Extended Workshop

Linux Exam Preparation



Mario Behling (OpnTec GmbH)



Extended Workshop

10:00 - 13:00


How we are driving open source adoptions and increase community-generated content by connecting Developer Circles to GitHub. 



Trimikha Valentius (Developer Program Manager Facebook)

Talk


10:30 - 11:00

MLflow: A Machine Learning Lifecycle Platform 



Ben Sadeghi (Partner Solutions Architect Databricks)

Talk

Sustainable making needs critical thinking 



Regina Sipos (Founder and Director, Research Associate and PhD Candidate Social-Digital Innovation, Technical University of Berlin)

Talk

MySQL 8 vs. MariaDB 10.4 - Feature Comparison



Colin Charles (Chief Evangelist Percona)

Talk

KiCad Workshop



Seth Hillbrand (Chief Technologist KiCad Services Corporation)

Extended Workshop

10:40 - 12:10

From Code to Community – How do you run an Open Source Project?



Uli Hitzel (Developer Advocate Axway)

Talk

11:00 - 11:30

Privacy and Decentralisation with Multicast




Frank... (Speaker Name)



Brett Sheffield (Libreicast Project)

Extended Talk

11:00 - 11:50

MySQL InnoDB Cluster on Kubernetes - a match made in lab 



Ricky Setyawan (Head of Consulting Datatech Integrator)

Talk


11:10 - 11:40

Crash Course on Web Speech API & Mozilla Common Voice 



Robert "Bob" Reyes (Mozilla)

Talk



Building Bots to Raise Awareness on Endangered Animals on Social Media 



Soham Chatterjee (Graduate Student NTU), Anjali Menon (National University of Singapore)

Workshop

11:20 - 12:20

 Guiding principles for sustainable open source – how we do it at Nextcloud 



Jan C. Borchardt (Nextcloud & Open Source Design)

Talk

11:30 - 12:00


Automate Your Desktop and Web Interactions with TagUI 



Yi Sheng Siow (RPA Engineer AI Singapore)

Extended Workshop


11:30 - 12:30

Building Search Engine with Elastic App Search 



Aravind Putrevu (Developer Advocate Elastic)

Workshop

Does the Cloud Mean the End of the DBA? Evolution with the help of emergent technologies 

emerging technologies



Francisco Munoz Alvarez (Founder and CEO CloudDB)

Extended Talk

11:40 - 12:30

Using AI Responsibly



Raymond Chan (DataKind SG), Jeremy Osborn (Datakind)

Talk

11:50 - 12:20

Building app for Android, iOS and web using the same codebase



Utkarsh Dixit (Drupal Core Contributor, Engineering Intern at Headout Drupal and Headout)

Talk

Scaling Product Support with Open Source at WhatsApp



Mengyi Yuan (Solutions Engineer Facebook)

Talk

12:00 - 12:30

"Who are you?" : Identity on the Web



Augustine Correa (Hackerspace Mumbai)

Talk

E- Dressing, A Virtual Trail Room



Susmitha Sanikommu (Technology Associate Development Bank of Singapore (DBS))

Talk

13:30 - 14:00

5PB of semi-structured data on PostgreSQL: A Case Study



Chris Travers (Head of Database Adjust GmbH), Felix Wischke (Adjust)

Talk

13:30 - 14:20

People Management 102 - Doing it

13:30 - 14:30



Michael Cannon (Chief Success Officer Axelerant Technologies)
Extended Talk

Adding WebSocket support for a Django-based IoT server



Hong Quan Nguyen (Software Engineer Sunshine Tech)
Talk

Workload Automation with schedulix Open Source Enterprise Job Scheduling



Dieter Stubler (Executive Director independIT)
Workshop

Lightning Talks



Mario Behling (OpnTec GmbH)
Lightning Talk





SUSI.AI for Home Integration



Michael Christen (Founder SUSI.AI)

Workshop

13:30 - 15:30





I Spy with my Little iNaturalist: Open Data, Stalkerware, and Citizen Science



Kit Heintzman (Lecturer Harvard University)

Talk

14:00 - 14:30



Keep your designers and users happy, lets learn how to add some awesome animations to your Flutter app.



Avinath Gunasekara (Co-Founder & Community Lead Colombo Flutter Community)

Workshop

14:00 - 15:00



14:10 - 14:40

Event Streaming using Apache Kafka, Postgres and KSQLDB



14:20 - 14:50



14:30 - 15:00

Open Vision Computer - An open source ROS based vision system




Open source solutions to big data challenges

15:10 - 15:40



15:20 - 15:50

Development of LINEBot for predicting bicycle theft using open data!! 



15:20 - 16:10

Measuring the internet using the RIPE Atlas



15:20 - 16:20



15:30 - 16:00

Open source Backup solution for MongoDB replica set and shard clusters




15:40 - 16:10

AI Makerspace: Platform and Tools for Startups and SMEs to Jumpstart AI Journey


15:50 - 16:20



15:50 - 16:50

Securing your data, all steps for encrypting your Mongo database 

16:10 - 17:00

Translating Open Source Code into Natural Language 

16:20 - 16:50



16:30 - 17:00



17:10 - 17:40