Oɕʔɔ ⊃penTech SUMMIT

Day 1 / Track Artifical Intelligence in Room X1AB (Floor 10)

14:00	Developers from Around the World	Lightning Talks	A lightning talk is a very short presentation lasting only a few minutes, given at a conference or similar forum. Several lightning talks will usually be delivered by different speakers in a single session, sometimes called a data blitz. Please sign up here: https://github.com/OpnTec/thai.opentechsummit.asia/wiki
15:00	Boonsak Watanavisit	Blend In : How I sneaked FOSS into CGI Visual Effects Industry	Digital content creation software selections for visual effects was always dominated by a few organizations: Adobe, Autodesk for example. Nowaday, every one of them has adopted the subscription based business model, so users have no other options but to keep paying rental fee for continuous usage of their software.I was aware of the situation so I began my search for alternatives many years ago. Granted, it was a bumpy ride, but it's worth it in the end. Now I do not rely on the so called 'mainstream' software to produce industry standard work thanks to the FOSS community. And I'd like to share my story with you.
15:30		Coffee Break	
16:00	Rushil Sharma; Rutvik Kshirsagar	Kubernetes with Machine Learning using KUBEFLOW	This talk will focus on the rapid containerization of Machine Learning applications using Kubernetes as an Orchestration Solution in the background. In the world of rapid application development and deployment, we are challenged with managing too many application deployments in parallel to beat the competition as the one who deploys the application first usually wins the race. Enter Kubernetes with Machine learning with Kubeflow a very robust solution to deploy you Machine Learning applications along with features such as auto scaling and GPU acceleration for optimum performance.This is going to be a live hands-on demonstration of deploying Machine Learning applications on Kubernetes with an introduction to KubeFlow and Jupyterhub which are the tools required to run and manage the ML application development and deployment.We will be covering topics which are relevant to both the developers and devops admins.
16:45	Shane Torr	Tech Skills: Who's hiring and how much are they paying	Wondering how much your tech skills are worth? This session will give a brief context to the tech skills market (particularly in Thailand) to help explain what's driving demand and which Open Source skills are being sought. Then the session will then cover in more detail what affects salaries, what level of salaries are being paid for which skills, and how to "get found" if you're looking.
17:15		End of Track	

Day 1 / Track Open Source Education and Civic Tech in Room X4B (Floor 10)

14:00	Joompot Sriyapan	การสอน coding เด็ก ด้วย opensource software	ประสบการณ์การสอน coding ฝาน opensource software โดยใช้ระบบ mentor-based ซึ่งผู้เรียนจะเป็นผู้ค้นคว้าและศึกษาเนื้อหาด้วยตนเอง โดยมี mentor เป็นผู้แนะนำหัวข้อหรือแหล่งเรียนรู้ และช่วยให้ผู้เรียนพัฒนากระบวนการเรียนรู้ด้วยตนเองได้
14:30	Korakot Chaovavanich	Google Colaboratory for Open Data	Google Colaboratory (or shortly Colab) is a free cloud platform to run Jupyter Notebooks. It is freely provided for research and educational purpose. A data scientist can create an analysis notebook where anyone on the internet can click and tinker with it. So, it is a very useful tool to promote open data and citizen data science. In this talk I will present the key features of Colab and demo some example notebooks.
15:00	Marco A. Gutiérrez (Spain)	Python Introduction: Master all the Basics	Begin a career as a programmer by attending this comprehensive and straightforward Python introductory session. This session will introduce you with the skills needed for your future employers. A workshop will be offered after this workshop.
15:30		Coffee Break	
16:00	Thanisara GG Ruangdej	ELECT: Civic Tech for Thai Election	In the session, I'd like to like to share ideas and experiences about the project : - how it happened, what we've done, and how to run the project - how to run the project : collaboration between tech people, media, civil society organizations and volunteers - results and challenges - why civic tech and open data matters
16:30	David Doran (Welean.org Founder)	Open Source High	Billions of dollars are spent globally each year in an effort to reform education systems to be prepare our children for the digital age. Yet little progress is made: especially for the billions of children in developing countries unable to afford private schools. Open source education may be the key. The speaker will discuss how all the tools currently exist to create an true open source secondary education system that will not just produce kids fully eligible and capable for university, but with the skills to thrive in the digital age.
17:00	Unnop Sricharoenchai	HomeschoolNetwork.org and OctoberCMS	Talking about my open source project name homeschoolnetwork.org. Also, talking about the web framework behind the project name OctoberCMS. The newbie CMS with Laravel Framework. October CMS voted the Best Flat File CMS in 2018. อธิบายความเป็นมาและความสามารถของ open source project ชื่อ homeschoolnetwork.org ชวนพูดคุยถึงเบื้องหลังการทำงานของเว็บด้วย OctoberCMS ซึ่งเป็น CMS น้องใหม่ ที่เพิ่งได้รับการโหวต Best Flat File CMS ปี 2018
17:30		End of Track	

Day 1 / Track Databases and MySQL in Room X11.7 (Floor 11)

14:00	Ryan Kuan	MySQL Overview for Oracle DBAs	MySQL is the most popular open source database used and trusted by millions of users for cloud, internet and mobile applications. More and more enterprises are evaluating open source database technology as alternatives to their existing Oracle database. In this session, we will help existing Oracle DBAs to understand MySQL better as a viable database platform to complement existing Oracle database.
14:30	Ivan Ma	The Secret of MySQL InnoDB Cluster Deployment	Deploying MySQL as Open Source Database with the #1 High Availability focus is critical to many applications today. The session is to go after the latest MySQL InnoDB Cluster solution - To automate the Provision in Cloning; To automate the Failover using MySQL Router; To automate the Data Recovery; To simply the "Cluster" creation using MySQL Shell; Come and Join us the session to explore the details with MySQL InnoDB Cluster
15:30		Coffee Break	
16:00	Ryan Kuan	Unleasing the power of NoSQL using MySQL 8.0	JavaScript Object Notation (JSON) is fast becoming the de-facto data exchange format for both modern web and mobile application development framework. Developers love the flexibility of JSON to allow them to modify data structure anyway they want without bothering their DBA. In this session, come discover the latest NoSQL capabilities in MySQL to store and manage JSON data seamlessly in MySQL as well as to integrate with existing structured data in MySQL.
16:30	Ivan Ma	MySQL Troubleshooting and Performance Analysis	MySQL powers many of the world's largest and fastest-growing organizations. In this session, you will get more practical, safe and efficient ways to know in-and-out of the MySQL database performance; gain tips and tricks. Some OPEN SOURCE tools such as http://dimitrik.free.fr/ and Performance Schema will be explored during the session. Join us to find MySQL bottlenecks and learn how to properly configure the database appropriately for your efficient MySQL database.
17:15		End of Track	

Day 1 / Track - Break-out/Hands-On (Floor 10) - X02

14:00		Open Space	Get together for a adhoc workshop, developer discussion or breakout session. The space is available for group of participants to discuss specific subjects or aspects of Open Source project, to learn hands-on, or work together on projects.
15:30		Coffee Break	
16:00	Marco A. Gutiérrez (Spain)	Python Introduction: Get Starting (Laptop required)	Begin a career as a programmer by attending this comprehensive and straightforward Python introductory workshop. This session will equip you with the right skills for your future employers. The goal is to develop skills that let you become more employable and valuable in the eyes of future employers. You will learn how to write a Python app. The workshop will start with a presentation in the track and then continue hands-on in a work area in the exhibition.
17:30		End of Track	