

## Day 1 / Track Artificial Intelligence

14:00	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. Nowadays, 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.
14:30	Surprise Speaker		
15:00	Surprise Speaker		
15:30		Coffee Break	
16:00	Rushil Sharma; Rutvik Kshirsagar	Kubernetes with Machine Learning using KUBEFLOW	
16:30	Chathu Vishwajith	Properly Securing NodeJS APIs	The way we write APIs is changing. SPA frameworks like Angular are shifting the paradigm of API consumption and to be effective developers we have to keep up. We often dedicate a lot of time in crafting powerful APIs that interact with many different clients, but overlook proper security measures that can come back to haunt us. In this talk, we'll look at the proper way to secure our API's with JSON Web Tokens. We'll go from learning what JSON Web Tokens are, why they're the driving force in API security, and to put theory into practice actually build a real-world implementation using Node.js/TypeScript where we'll show common best practices.
17:15		End of Track	

## Day 1 / Track Open Source Education

14:00	Joompot Sriyapan	การสอน coding เด็ก ด้วย opensource software	ประสบการณ์การสอน coding ผ่าน opensource software โดยใช้ระบบ mentor-based ซึ่งผู้เรียนจะเป็นผู้ค้นคว้าและศึกษาเนื้อหาด้วยตนเอง โดยมี mentor เป็นผู้แนะนำหัวข้อหรือแหล่งเรียนรู้ และช่วยให้ผู้เรียนพัฒนากระบวนการเรียนรู้ด้วยตนเองได้
14:30	Korakot Chaovanavich	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	Python Introduction: Master all the Basics	Begin a career as a programmer by attending this comprehensive and straightforward Python introductory workshop. This bootcamp will equip you with the right skills for your future employers.
15:30		Coffee Break	
16:00	Marco A. Gutiérrez	Python Introduction: Write Your First App	This bootcamp will equip you with the right skills which lets you become more employable and valuable in the eyes of future employers. You will learn how to write a Python app.
16:30	Unnop Srichaorenchai	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 นื่องใหม่ ที่เพิ่งได้รับการโหวต Best Flat File CMS ปี 2018
17:00	Rizky Ariestiyansyah	Building Smart Connected Ecosystem using Open Source Mozilla WebThings	I will demonstrate Open Source Mozilla's WebThings Gateway, an IoT framework to protect user privacy and security, and to improve cross-brand interoperability. I will show how to build your own web things using WebThings Framework which is collection of reusable component that directly expose Web Thing API. Developers will have capabilities to monitor and control their ecosystem like house, farm, office from anywhere over the web, also able to understand how to create rules engine and floor plan in Mozilla WebThings Gateway to make great architecture of smart ecosystem. Participants will be showed study case of WebThings live on stage.
17:30		End of Track	

## Day 1 / Track Databases and MySQL

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 simplify 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	Unleashing 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 <a href="http://dimitrik.free.fr/">http://dimitrik.free.fr/</a> 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	