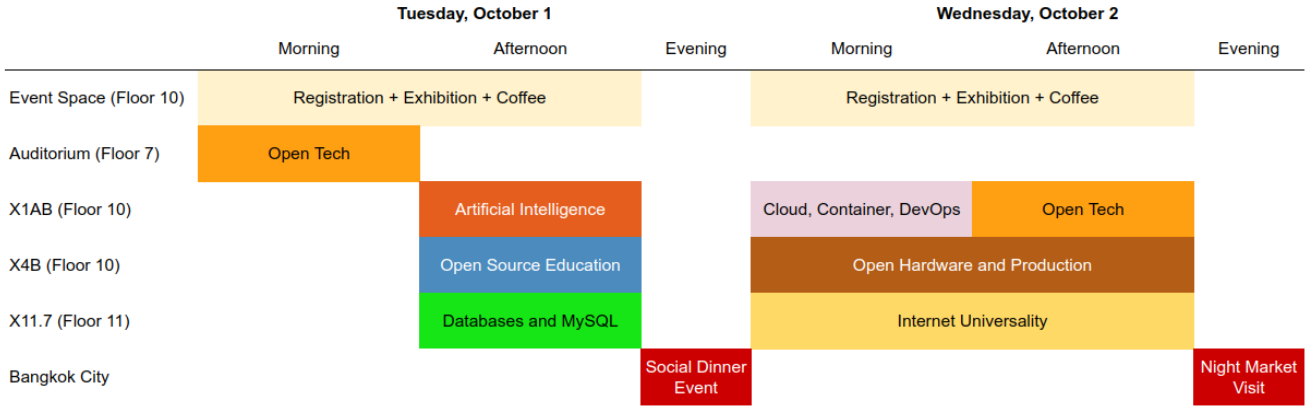
OpenTech SUMMIT

Thailand 2019 - Schedule Roster



OpenTechSummit Thailand 2019 - Oct.1, Day 1

Conference Opening Day 1 / Track Open Tech

9:00	Pachara Naripthaphan	Welcome (MC)	
9:05	Mishari Muqbil, Lead FOSSASIA Thailand	Connecting OpenTech with Thailand	
9:20	Pun-arj Chairatana, Director NIA	How NIA foster Technology Startups and the Open Source Community	
9:35	Misako Ito (Japan) Senior Advisor UNESCO	The importance of FOSS for sustainable development	
9:45	Mario Behling (Germany), Founder FOSSASIA	Next comes Open Tech	
10:00	Marco A. Gutierrez (Spain)	Pocket Science Lab and Robotics for Education	
10:10	KW Teng (Singapore)	Laser Cutter for STEM	
10:30		Coffee Break	
10:50	Dr. Putchong Uthayopas	Lesson learned from the building of a terascale AI server infrastructure	Building an AI service Infrastructure for a large number of researchers is a challenging task due to the complexity of system architecture, hardware and software co-design which need to match the diverse requirement of advanced users. This talk will share some lesson learned from setting up the ARES (AI Research and Education System) and Poseidon System at Kasetsart University. ARES system is a cluster of NVIDIA V100 GPU consists of 4 nodes servers connecting to a 100Gbps infrastructure. Poseidon is a DGX1 system consists of 8 V100GPU card that has a peak deep learning performance of 1 petaflop. The purpose of this system is to accelerate the deep learning and HPC research activities at Kasetsart University. The lesson learned from system design implementation will be present along with the challenges and solution used for both software and hardware. Currently, this system is up and running for a group of advanced users and will soon publicly open for services at Kasetsart University.
11:05	Klaikong Vaidhyakarn	Open Government and eCitizen Engagement	
11:30	Surprise Speaker	Open Tech in the Industry	
11:55	Tanat Tonguthaisri	Preparing for the Autonomous Vehicle Era	Autonomous vehicle (AV), a.k.a. robotic car, self-driving car, or driverless car has the capability of sensing its environment and moving with little or no human input, the AV is set to revolutionize the way humans travel. The benefits are countless, ranging from reducing road accidents, emissions, drunk driving, and assisting elderlies and the disabled. However, there are also risks and issues that need to be addressed. Questions of how it will be regulated and how it will be liable for accidents or criminal actions still remain unanswered. The government sector continues its attempts to answer these questions through various forms of testing in regulatory sandboxes and use cases. There are dozens of cities around the globe already hosting AV trials, including Singapore's Land Transit Authority (LTA)'s sandbox, as well as Chiba and Semboku cities in Japan. Join in the discussion on making AVs a reality.
12:15	Ryan Kuan, Ivan Ma	News from MySQL	
12:20	Mario Behling, Mishari Muqbil	What's happening at OpenTechSummit Thailand	
12:30		Lunch and Exhibition Visit	