OpenTechSummit Thailand 2019 - Oct.1, Day 1

9:00	Pachara Naripthaphan	Welcome (MC)	
9:05	Mishari Muqbil, CEO Zymple and OpenTechSummit Organizer	Why software projects fail	Humans have been building bridges for thousands of years, we know how to conceive, design, plan and build them well. Computing is on the other hand is a relatively immature field, having existed for less than a century, but at the same time its practitioners have to take up tremendous responsibilities. In this talk I will discuss on how to increase the likelihood of a software project's success and how to communicate challenges effectively to non-technical people, such as your boss.
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	FOSS can play an important role as a practical instrument for development as its free and open aspirations make it a natural component of development efforts in the context of the Sustainable Development Goals (SDGs).
9:45	Mario Behling (Germany), Founder FOSSASIA	Next comes Open Tech	
10:00	Marco A. Gutierrez (Spain)	Pocket Science Lab and Robotics	
10:10	KW Teng (Singapore)	Laser Cutter for STEM and Future Innovators	How can a Lasercutter benefit students in their STEM education and get them ready to be innovators and entrepreneurs? This is one goal we aim for with the Lasercraft cutter of Lionsforge. Designed from the the ground up to be reliable, user friendly and maintenance free the CraftLaser is a valuable ally to any crafter and a new source of revenue for entrepreneurs. How you use it and what you create with it is only limited by the imagination.
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	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.
11:25	tba	KX Knowledge Exchange for Innovation	Not only a Co-working Space, but The Knowledge Exchange is a vibrant community of knowledge sharing to help promote the development of knowledge and lead to build a strong business. นอกเหนือจากให้บริการ Co-working Space แล้ว KX : Knowledge Exchange ยังเป็นศูนย์รวมขององค์ความรู้และเป็นพื้นที่แห่งการแลกเปลี่ยนที่จะช่วยส่งเสริมการพัฒนาความรู้และก่อให้เกิดการสร้างธุรกิจที่เข้มแข็ง ผ่านกลไกการแลกเปลี่ยนองค์ความรู้และนวัตกรรมโดยพันธมิตรจากภาคส่วนต่างๆ ประกอบด้วย ภาครัฐ ภาคการศึกษา และภาคอุตสาหกรรม เป็นต้น KX : Knowledge Exchange มีจุดมุ่งหมายหลักคือการกระตุ้นการสร้างสรรค์นวัตกรรม โดยมีบริการที่ครบวงจรทั้งพื้นที่ทำงาน องค์ความรู้ และกิจกรรมงานสัมมนา และการให้คำปรึกษาแนะนำในด้านต่างๆ ซึ่งเป้าหมายในอนาคตจะมีอุปกรณ์เพื่อรองรับความคิดที่จะสร้างสรรค์นวัตกรรมใหม่ๆ เพื่อให้ได้ทดลองและต่อยอดไอเดียอย่างเป็นรูปธรรม เช่น เครื่องพิมพ์ 3D Printing เครื่องพิมพ์ CNC และเครื่องตัดเลเซอร์ เป็นต้น อีกทั้งยังมีทีมผู้เชี่ยวชาญจากมหาวิทยาลัยเทคโนโลยีพระจอมเกล้าธนบุรี คอยให้คำปรึกษาเกี่ยวกับธุรกิจทางด้านอิเล็กทรอนิกส์และนวัตกรรมต่างๆ อย่างเป็นมิตร
11:30	Panelists Mario Behling, CEO OpnTec (MC) Pornthep Chatpinyakoop, Director KMUTT Learning Square Misako Ito, UNESCO Pun-arj Chairatana, Director NIA (tbc)	Creating Opportunities through Open Technologies, Knowledge Sharing and a Sustainable Economy	
12:20	Mishari Muqbil	What's happening at OpenTechSummit Thailand	Tracks, exhibitions, break-out sessions, and activities at OpenTechSummit.
12:25	Open Tech Community	Group Photo	Let's get together for a group photo at the OpenTechSummit 2019 in Bangkok.
12:30		Exhibition Visit (Floor 10)	
13:00		Lunch Break (Floor 9, Cafeteria)	