

# APNG

# WEBINAR



## CYBER SECURITY IN IIoT TOWARDS INDUSTRY 4.0

By Dr Kalika Suksomboon

### DATE & TIME

Saturday, 18 June, 2022  
12:00 PM (UTC +9)

### WEBINAR REGISTRATION

[https://apnic.zoom.us/webinar/register/  
WN\\_Plc8pSmuTSShlopC\\_CfCGA](https://apnic.zoom.us/webinar/register/WN_Plc8pSmuTSShlopC_CfCGA)

### FURTHER DETAILS

<https://apng.asia/webinars>

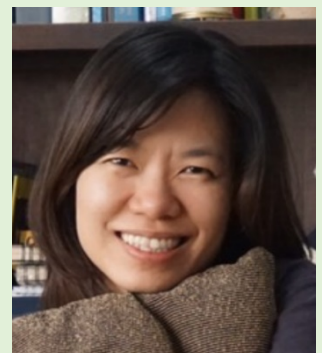
### ABSTRACT



Progress is being made to bridge the gap in industrial development and enhance industrial production towards Industry 4.0 through the digital transformation of manufacturing. As Industry 4.0 innovates totally towards the digital transformation of all industrial sectors, we need to consider not only manufacturing but also the healthcare services sector. The Industrial IoT platforms improve the automation in real-time monitoring of manufacturing processes and smart healthcare services. The consequence could heal the corona pandemic effect on disruption to the manufacturing product supply chain and the remote healthcare services. However, on the flip side, moving data to be computed in the public cloud raises security breaches and privacy leakage concerns. Therefore, the key solution is a secure and privacy-preserved IoT platform that can utilize the public cloud capability.

### SPEAKER'S BIO

Dr. Kalika Suksomboon is a senior researcher of Cyber-Physical Systems (CPS), National Electronics and Computer Technology Center (NECTEC), Thailand. As an Asia Institute of Technology adjunct lecturer, she has been responsible for an IoT Security Course. She received her Ph.D. degree in Telecommunication Networks from the Department of Electrical Engineering, Chulalongkorn University, Thailand, in 2011. From 2011 to 2013, She was a post-doc researcher at the National Institute of Informatics, Japan, working in Information-Centric Networking research. She joined KDDI Research, Inc. from 2014 to 2018 as a researcher in the Network Architecture research group and joined LeapMind Inc. in 2019 as an AI researcher. She received the Best Paper Award at the IEEE 38th LCN in 2013. She has 6 Japanese Patents and CompTIA PenTest+.



### ABOUT APNG

**Asia Pacific Next Generation (APNG)** <<https://apng.asia/>> is a non-profit organization dedicated to the advancement of internetworking infrastructure in the Asia Pacific region and to the research and development of all associated enabling technologies. Its key mission, among others is to contribute Digital Growth in the Asia Pacific (AP) region. APNG empowers the Next Generation in Asia Pacific by organising annual APNG Camps, sharing information amongst the community, understanding the digital divide in each AP country to overcome them, advancing digital transformations, contributing at regional forums, creating new opportunities for its members, and organising webinars on emerging topics in technology.

### ABOUT APNG WEBINARS

**APNG** (Asia Pacific Next Generation) <<https://apng.asia/>> is an arena in which future leaders of the digital society in the Asia Pacific region gather to build a human network and learn from each other. Asia Pacific Next Generation has offered resources and discussions for multi-stakeholders from different regions to challenge the digital divide. We had a successful year of 2020 and 2021 webinars, where our esteemed and expert speakers spoke on a range of topics on emerging technologies from Research and Practice on Blockchains to Artificial Intelligence. APNG organises webinars on the third Saturdays of the even months (February, April, June, August, October, and December) of the calendar year. The 1 hour webinar starts at 12:00PM UTC +9.