



Workshop on Innovative Smart Manufacturing for Sustainable Cities (Virtual Session)

The COVID-19 pandemic has been raging for nearly two years. Due to manpower shortages and overall production cost considerations, global manufacturing operators have accelerated their investment in smart manufacturing and committed to digital transformation, and hope that after the pandemic, they can bring benefits to enterprises and thus creating more business opportunities and revenue growth.

On the other hand, due to the imminent impact of extreme weather on the environment, 128 countries around the world have declared that they will reduce carbon emissions, and solve the greenhouse effect, extreme weather and other issues in order to achieve the "2050 Net Zero" target, and carbon neutrality has also become one of the important issues for governments, international companies and environmental organizations. To realize the above vision, the industry must also reduce the damage and impact to the environment in the planning of the overall manufacturing process and production line when introducing the smart manufacturing model.

In view of this, this seminar will be attended by industry and academic experts to share how to use innovative technologies such as the Internet of Things (IoT), Cloud Service, Big Data, Artificial Intelligence (AI) and 5G to introduce enterprise intelligence during the establishment of the manufacturing model. Hopefully, we will move towards sustainable cities by saving energy, reducing waste of resources and increasing productivity.

Registration Form-- <https://s.yam.com/Cbq4C>

- **Date:** 19 November 2021 13:00-17:00 (Time Zone: Taipei, ROC (UTC+8))
- **Modality :** Digital Multicountry (Virtual Session via Zoom)
- **Language:** English
- **Organizer :** Industrial Development Bureau, Ministry of Economic Affairs, ROC
- **Implementer:** China Productivity Center, ROC
- **Agenda:**

Time	Topic	Presenter
13:00-13:30	Registration	
13:30-14:00	Smart manufacturing and future development of Fair Friend Enterprise Group	Mr. Ping-Wen Shih Manager Intelligent Manufacturing & Data Services Division Fair Friend Enterprise Group
14:00-14:30	Sustainability in manufacturing	Mr. Charles Lin Manager FESTO Corporation
14:30-15:00	Digital manufacturing cloud layout the factory of the future	Mr. Benson Huang Manager SAP
15:00-15:15	Tea Break	
15:15-15:45	Smart manufacturing and cloud applications	Mr. Ben Chan Manager Amazon Web Services
15:45-16:15	5G communication technology drives smart manufacturing	Dr. Dennis Chung Assistant Professor National Taipei University of Technology
16:15-16:45	The step-by-step guide to build a smart factory	Mr. Mark Hsieh Manager Delta Electronics, Inc.
16:45-17:00	Q&A	China Productivity Center
17:00	Closing	

*This workshop will be conducted on the internet via Zoom. The meeting link and password will be sent to the participants via email on Nov. 18.