



SEMICON[®] TAIWAN HYBRID

SEPTEMBER 8-10, 2021
TaiNEX 1 | TAIWAN



OUTLINE

- Opening
- SEMICON Taiwan 2020 Show Introduction
- SEMICON Taiwan 2020 Virtual Feature and Highlights
- SEMICON Taiwan 2021 Proposal
- Summary



Taiwan continues to be the world leader in semiconductors

TSMC revenue expected to increase 21% this year

HEAVY INVESTMENT: Moody's affirmed the firm's 'Aa3' rating with a 'stable' outlook due to its leading position in the industry and ability to match customer requirements

ASE invests NT\$26bn in new fab

STRIKING WHILE HOT: The Kaohsiung fab, which is to create 2,800 jobs, is part of a greater project to build six fabs in Taiwan in five years, the company said

Winway signs NT\$3.2 billion to build facility in Kaohsiung

Wed, Sep 30, 2020 page12

Winway signs NT\$3.2bn deal for Kaohsiung plant

By Angelica Oung / Staff reporter



Winway Technology Co (穎崙科技), which provides semiconductor testing interfaces, yesterday signed an agreement to build a NT\$3.2 billion (US\$109.77 million) facility at Kaohsiung's Nantze Export Processing Zone (楠梓加工出口區).

Merck Taiwan to invest in Kaohsiung

Fri, Sep 25, 2020 page12

Merck Taiwan to invest in Kaohsiung expansion

By Lisa Wang / Staff reporter



Merck Group Taiwan yesterday said that it plans to invest substantially on expanding its fab in Kaohsiung's Lujhu District (路竹) to better serve its local customers, including Taiwan Semiconductor Manufacturing Co (TSMC, 台積電).

HYBRID

Shin-Etsu Chemical to invest \$285 million to expand in Taiwan

Shin-Etsu Chemical to invest \$285 million to expand photoresist production in Japan and Taiwan

09:42 AM | October 15, 2020 | Kartik Kohli



Shin-Etsu Chemical will make investments totaling ¥30 billion (\$285 million) to expand its photoresists business manufacturing bases in Japan and Taiwan. It will increase the production capacities at its facilities in Douliu City, Taiwan, and Joetsu City, Japan.

Shin-Etsu in Taiwan completed its first-phase construction in 2019 and will build a new plant, it says. The construction project in Taiwan is aimed for completion by February 2021. The latest construction work at Joetsu is due to be completed in February 2022, it says. The company plans to capture expanding demand in the semiconductor devices market and the demand for semiconductor-related materials, it adds.

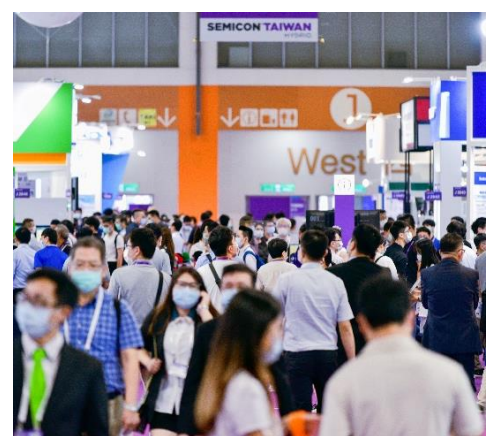


HUNDREDS OF GLOBAL ANCHOR COMPANIES PARTICIPATE THIS EVENTS

ABB, Adlink, Advantech, Advantest, [AEM](#), Air Liquide, [Akribis Systems](#), Al-charm, All Ring Tech, AGC, Amkor, Applied Materials, ASE, ASMPT, ASML, Audi, AWS, AUO, Arm, [Adelis](#), Broadcom, BMW, Besi, Cadence, Canon, CHPT, Chipbond, ChipMos, Corning, Cimetrix, Cyntec, CHT, Gudeng, DELTA, DISCO, DowDuPont, [Dou Yee](#), Edwards, Entegris, Episil, Epistar, EV Group, Epson, Ebara, EATON, [EQUVO](#), Foxconn Industrial Internet, FET, GLOBALFOUNDRIES, GaN System, GPM, HANMI, Han's Laser, Henkel, Hermes, [Heraeus](#), Hitachi Chemical, Hitachi High-Tech, HIWIN, Hypersonic, Infineon, Innolux, Intel, IQE, IBM, JUSUNG ENGINEERING, JSR, Jaguar, K&S, KLA, Keyence, KYEC, [Knight Auto Precision](#), Lam Research, LINTEC, Marketech, MediaTek, Mentor, a Siemens Business, Mercedes Benz, Merck, Micron, Microsoft, MXIC, [Mi Equipment](#), [Micro-Mechanics](#), NAGASE, Nanya, nVIDIA, NXP, NACHI-FUJIKOSHI, Nexcom, NI, NAURA, Omron, Onto Innovation, Peer Group, Panasonic, Philips, Porsche, Powerchip, PSMC, PTI, PDF Solutions, Qualcomm, Quanta, REALTEK, Rockwell, Rorze, SCREEN, Senju, ShinEtsu, Siemens, SK Hynix, Solar Applied Materials, SONY, SPIL, SPTS, [Small Precision Tools](#), Siemens, SAA, Schneider Electronic, SAS, Sanwa Engineering, STMicroelectronics, Synopsys, SEMES, [Singapore Manufacturing Federation](#), TDK, TEL, Tokyo Seimitsu, Teradyne, Toyo Automation, TRI, Toshiba, TSMC, UMC, Unimicron, Utechzone, Versum, VIS, Vishay, Wah Lee, Win Semiconductors, Winbond, Winway, Wonik, Xilinx, Yamaha Motor Robotics, YTEC...



- Booths : 2,000
- Exhibitors : 550+
- Registers : 50,818
- Visitors : 37,057





13 PAVILIONS

Theme Pavilion

- Materials
- Fan-out Packaging
- Testing
- Opto Semiconductor
- Compound Semiconductor
- High-Tech Facility
- Circular Economy
- Green Power
- Secondary Market

Country Pavilion

- Taiwan Localization
- German

5 COLOCATION EVENTS

- Smart Manufacturing Taiwan
- SiP Global Summit
- Strategic Materials Conference
- Flex Taiwan
- ITC-Asia

19 PROGRAMS, 200 C-LEVEL SPEAKERS

SiP Global Summit



Strategic Materials Conference



Power Electronics and Optoelectronics Semiconductor Technology Forum



Testing Forum



FORUM DISTINGUISHED SPEAKERS



Mark Liu
Chairman
TSMC



Jay Lee
Vice Chairman
Foxconn



Frank C. Huang
Chairman
Powerchip



Jean-Marc Chery
President and CEO
STMicroelectronics



Manish Bhatia
EVP, Global Operations
Micron



Chee Ching
President
Far EasTone
TAIWAN
HYBRID



Tim Archer
President&CEO
Lam Research



Audrey Tang
Digital Minister
Executive Yuan
R.O.C



Dar-Bin Shieh
Deputy Minister
Minister of
Science and
Technology R.O.C



Jerry Yu
Corporate Senior VP
MediaTek



FORUM DISTINGUISHED SPEAKERS



Hideki Somemiya

Corporate Executive, Sr. GM
Sony



**PR (Chidi)
Chidambaram**

VP of Process Technology
and Foundry Engineering
Qualcomm



Tomomitsu Maoka

SVP
Renesas



Kangwook Lee, Ph.D

VP, Head of WLP
Development
SK hynix



Paul M. Lundquist

VP, Engineering
MGI Tech



Charles Tsai

CTO of ICTIBG
Delta Electronics



Radislav A. Potyrailo

Principal Scientist
GE Research



KC Hsu

Corporate VP & Taiwan
Country Manager
Micron



John H. Lau

CTO
Unimicron



Dragos Maciuca

Executive Technical Director
Ford Research and Innovation



MASTER FORUM



Moderator

Dr. Tien Wu
President & CEO
ASE



Welcome
Speech

Ms. Mei-hua Wang
Minister
MOEA



Speakers

Dr. Mark Liu
Chairman
TSMC



Mr. Jean-Marc Chery
President and CEO
STMicroelectronics



Dr. Jay Lee
Vice Chairman
Foxconn



Mr. Manish Bhatia
Executive VP of Global Operations
Micron



Mr. Tim Archer
President & CEO
Lam Research



Dr. Chee Ching
President
Far EastTone

Opening Ceremony

SEMICON® TAIWAN

國際半導體展 HYBRID

**SMART
MANUFACTURING
TAIWAN
HYBRID**
高科技智慧製造特展

SMC STRATEGIC
MATERIALS
CONFERENCE
策略材料高峰論壇 **TAIWAN**

TSIP GLOBAL
SUMMIT
系統級封測國際高峰論壇

2020
FLEX
Taiwan
HYBRID
軟性混合電子國際論壇暨展覽

IME INTERNATIONAL
TEST CONFERENCE
ASIA 2020
2020年第四屆國際測試研討會(亞洲)

2020 OPENING CEREMONY



HYBRID

LEADERSHIP GALA DINNER

- **Date:** September 23, 2020
- **Time:** 18:00 - 21:00
- **Venue:** Grand Ballroom, Grand Hyatt Taipei
- **Number of Attendance:** 450+ government officials and industry executives



Event Program:

Welcome Remark

- Mr. Ajit Manocha, President & CEO of SEMI (Video)
- Dr. Mark Liu, Chairman of TSIA and Chairman of TSMC

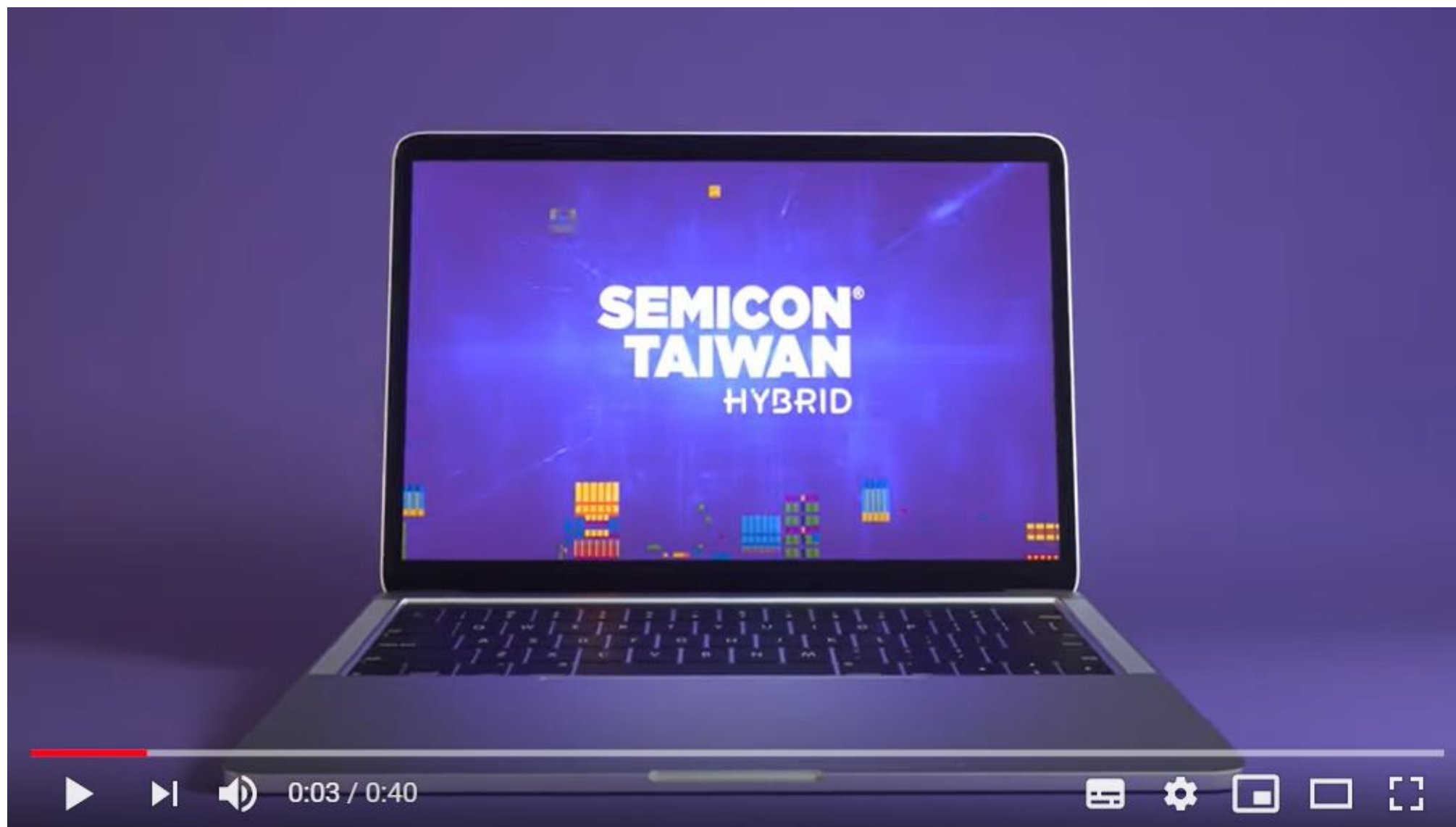
President Remark

- Dr. Ing-wen Tsai, President of the Republic of China

SEMI Industry Contribution Award Ceremony

SEMI 50th Anniversary Memorabilia Video

- Dr. Wu, President & CEO, ASE Group, Inc



VIRTUAL EXPERIENCE

擴 增 線 上 觀 展



Virtual Hall
線上展區



1-on-1 Chat
1對1即時訊息



Networking
Lounge
討論區



SEMICON Taiwan
Live Tour
展場直擊

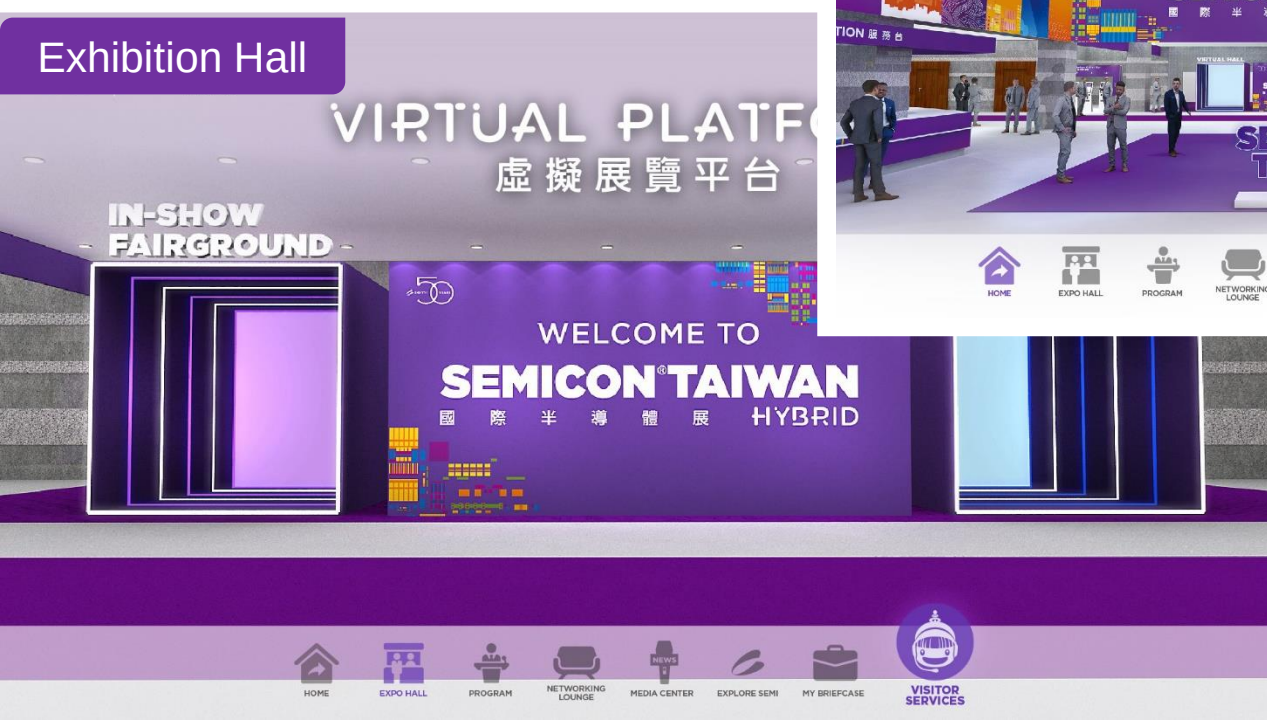


Live Streaming
Program
論壇直播



VR Experience
VR體驗

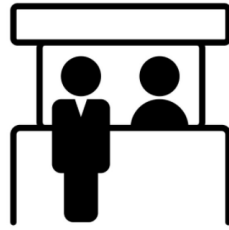




Hybrid Experience @ Physical & Virtual SEMICON Taiwan



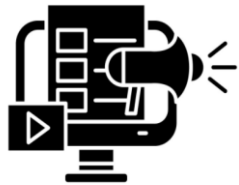
GUIDE TO SEMICON TAIWAN HYBRID 2021



- Exhibit **Malaysia Pavilion** in SEMICON Taiwan 2021 Hybrid to explore both virtual and physical show experience



- One session of online **pre-recorded speech** at show floor stage to pitch your services and products



- Individual pavilion page at website and related promotion



- Co-exhibitors name listing on exhibitor directory and grand list of exhibitor list with related promotion productions

TAKEAWAY

- Taiwan market is active and continuous to be the world leader in semiconductors, anchors from supply chain to invest Taiwan aggressively from front-end, back-end and end products and applications
- Three major themes of advance manufacturing, smart manufacturing and green manufacturing continuously cover all trends and hot topics in SEMICON Taiwan 2021
- SEMICON Taiwan is the world first hybrid SEMICONs in 2020, over 85% booth occupied, the best platform to expand your business to Taiwan in 2021!

Υποδοχή

Selamat
datang

ようこそ

Hoan
nghênh

歡迎

स्वागत हे

SEMICON
TAIWAN
HYBRID

Boa
vinda

Bienvenido

欢迎

Willkommen

어서 오세요

Welkom

Bienvenue

WELCOME!

SEE YOU IN 2021 On-site & Online