



# 台北南港展覽館2館暨 2019年台北國際工具機展 聯合開幕典禮新聞資料

Taipei Nangang Exhibition Center, Hall 2 &  
Taipei International Machine Tool Show 2019  
Opening Ceremony Press Kit

*The sharpest edge  
for industry* 

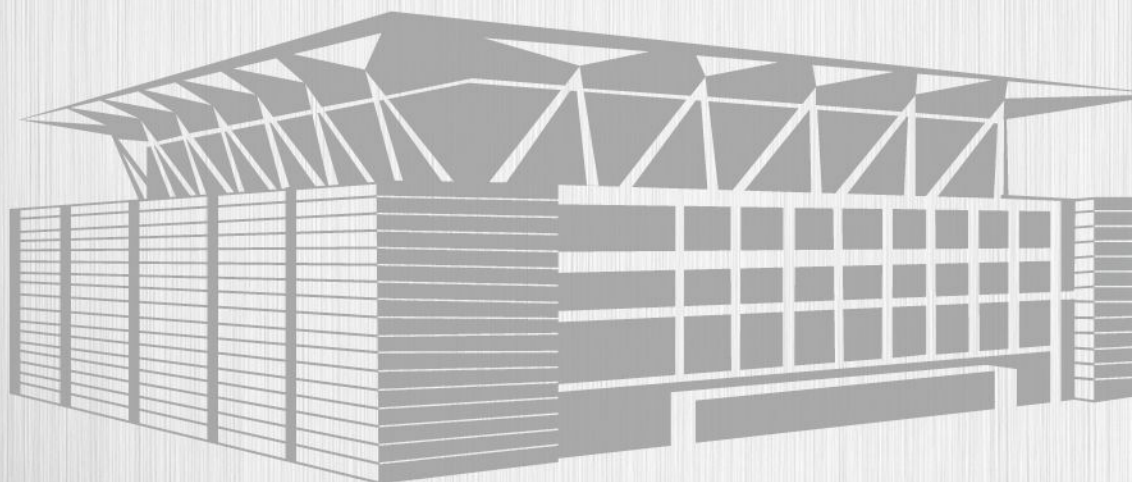


# 2019

## 3月4日至9日

[www.timtos.com.tw](http://www.timtos.com.tw)

台北世貿一館及三館、台北南港展覽館1館及2館



台北南港展覽館 2 館暨 2019 年台北國際工具機展  
聯合開幕典禮新聞資料


**Taipei Nangang Exhibition Center, Hall 2 &  
Taipei International Machine Tool Show 2019  
Opening Ceremony Press Kit**

目錄 Index


- 🔗 開幕典禮程序表 Agenda of the Opening Ceremony..... P.1
- 🔗 剪綵貴賓台上位置圖 VIPs' Positions on Stage.....P.2
- 🔗 中華民國對外貿易發展協會 黃志芳董事長致詞參考稿  
Remarks by Mr. James C. F. Huang, Chairman, Taiwan External Trade  
Development Council (TAITRA)..... P.3-6
- 🔗 臺灣機械工業同業公會 柯拔希理事長致詞參考稿  
Remarks by Mr. Alex Ko, Chairman, Taiwan Association of Machinery  
Industry (TAMI).....P.7-13
- 🔗 展覽簡介 Fact Sheet..... P.14-17
- 🔗 台北南港展覽館 2 館特色介紹 The Features of TaiNEX 2.....P.18-21
- 🔗 開幕新聞稿 Opening Press Release..... P.22-26
- 🔗 高峰論壇日程表 TIMTOS 2019 Summit Agenda..... P.27-34
- 🔗 研討會/活動日程表 Event Schedule/ Seminar Program..... P.35-45
- 🔗 產業統計資料 Industry Statistics..... P.46-48

**台北南港展覽館 2 館暨 2019 年台北國際工具機展  
聯合開幕典禮程序表**

**Taipei Nangang Exhibition Center, Hall 2 &  
Taipei International Machine Tool Show 2019  
Opening Ceremony Agenda**

 **時間：108 年 3 月 4 日(星期一) 上午 10 時 30 分**

Date / Time: 10:30 a.m., Mar. 4, 2019

 **地點：台北南港展覽館 2 館 4 樓門廳**

Venue: Lobby, 4F, Taipei Nangang Exhibition Center, Hall 2r

| 時 間/Time    | 程 序                              | Agenda   |
|-------------|----------------------------------|--|
| 10:00-10:30 | 貴賓及媒體報到                          | Reception  |
| 10:30-10:40 | 司儀開場與開幕影片                        | Introduction & Opening video   |
| 10:40-10:45 | 中華民國對外貿易發展協會<br>黃志芳董事長致詞         | Remarks by Mr. James C. F. Huang,<br>Chairman, Taiwan External Trade<br>Development Council (TAITRA) |
| 10:45-10:50 | 臺灣機械工業同業公會<br>柯拔希理事長致詞           | Remarks by Mr. Alex Ko,<br>Chairman, Taiwan Association of<br>Machinery Industry (TAMI)              |
| 10:50-10:55 | 國際展覽暨活動協會<br>CEO David DuBois 致詞 | Remarks by Mr. David DuBois,<br>CEO, International Association of<br>Exhibitions and Events (IAEE)   |
| 10:55-11:00 | 經濟部<br>曾文生政務次長致詞                 | Remarks by Mr. Wen-Sheng (Vincent)<br>Tseng, Deputy Minister,<br>Ministry of Economic Affairs        |
| 11:00-11:05 | 立法院蘇嘉全院長致詞                       | Remarks by Mr. Jia-Chyuan Su,<br>President, Legislative Yuan, Republic<br>of China (Taiwan)          |
| 11:05-11:10 | 中華民國蔡英文總統致詞                      | Remarks by Dr. Ing-Wen Tsai,<br>President, Republic of China (Taiwan)                                |
| 11:10-11:15 | 揭幕儀式及合影                          | Show Inauguration & Group Photo  |
| 11:15-11:50 | 貴賓參觀展覽                           | Tour for VIPs of the Showground  |
| 11:30-12:30 | 雞尾酒會 (南港 2 館 3 樓)                | Cocktail Reception (3F)  |

台北南港展覽館 2 館暨 2019 年台北國際工具機展  
 剪綵貴賓台上位置圖

Taipei Nangang Exhibition Center, Hall 2 &  
 Taipei International Machine Tool Show 2019  
 VIPs' Positions on Stage

|              |        |         |            |            |   |   |                   |              |                        |                  |        |                     |            |
|--------------|--------|---------|------------|------------|---|---|-------------------|--------------|------------------------|------------------|--------|---------------------|------------|
| 許文憲理事長       | 谷立言副處長 | 傅瑞處長    | 莊大立董事長     | 葉明水理事長     | Mr. Noor Ahmad Hamid                              | Mr. David DuBois                                    | Mr. Mark Cochrane | 莊碩漢副董事長      | Mr. Kiyotsugu Ishihara | 嚴瑞雄理事長           | 王子陶處長  | Mr. Masayoshi Amano | 林仁益董事長     |
| 中華民國精密機械發展協會 | 美國在台協會 | 瑞士商務辦事處 | 精密機械研究發展中心 | 亞洲展覽會議協會聯盟 | International Congress and Convention Association | International Association of Exhibitions and Events | UFI               | 中華民國對外貿易發展協會 | Tokyo Big Sight        | 台灣區工具機暨零組件工業同業公會 | 德國在台協會 | 日本工作機械工業會秘書長 JMTTB  | 金屬工業研究發展中心 |

|       |       |         |        |       |       |        |       |       |
|-------|-------|---------|--------|-------|-------|--------|-------|-------|
| 呂正華局長 | 許有進次長 | 曾文生政務次長 | 黃志芳董事長 | 蔡英文總統 | 蘇嘉全院長 | 柯拔希理事長 | 楊珍妮局長 | 林崇傑局長 |
|-------|-------|---------|--------|-------|-------|--------|-------|-------|

觀眾席

(致詞以英文進行，中譯稿供參)

## 台北南港展覽館 2 館暨 2019 年台北國際工具機展

### 聯合開幕典禮

#### 外貿協會黃志芳董事長致詞參考稿

歡迎各位貴賓前來參與台北南港展覽館 2 館(TaiNEX 2)暨 2019 年台北國際工具機展(TIMTOS)聯合開幕典禮! 很榮幸蔡總統今日蒞臨並感謝蔡總統給予業界的 support。感謝遠道而來的會展產業與工具機產業的貴賓，也要感謝經濟部、臺北市政府以及所有相關單位的努力與付出。

今天南港 2 館的正式啟用是臺灣經濟與會展產業的重要盛事也是嶄新的里程碑，南港 2 館是全臺首座榮獲「黃金級綠建築標章」的專業展覽館，南港雙館—南港 1 館及南港 2 館—將會是臺灣規模最大的國家級會展中心，也是國際會展產業在臺灣辦理 MICE 活動的最佳選擇。

今年 TIMTOS 是第一個使用南港 2 館的大型國際展覽，南港 2 館與南港 1 館、世貿 1 館及 3 館共同容納更多參展廠商，提供更臻完善的展覽條件，使 TIMTOS 展覽規模擴大，再創該展與臺灣會展的歷史新高，成為全球第三大工具機展。

機械是工業之母，今天我們將展現臺灣如何將想法化為行動、實現願景、並且建立夢寐以求的未來。藉由今天的開幕典禮，我們向所有的機械業製造者、創建者致敬，你們就像齒輪與輪子，讓我們的世界轉動，也像所有的參展商、夥伴與朋友們致敬，你們塑造了世界。

臺灣的面積小，但是我們培育了許多堅強的產業可與世界頂尖相媲美，譬如臺灣工具機產業自長期以來便與全球工業大國競爭，正面交鋒。可能會有人疑問，怎麼可能一個比瑞士小、天然資源比德國、義大利和日本少的國家可以和全球競爭? 沒錯，臺灣的天然資源有限，但人的潛能無限。事實上，我們聚集在這個全新展館慶祝 TIMTOS 開幕就清楚說明人類的聰明才智可以面對所有

挑戰。

TIMTOS 匯集工具機產業最出類拔萃的企業，展現創造力與創新能量。只要所有人一起努力，便可開發新產品、新服務，迎接數位化轉型的挑戰。

本屆展覽聚焦工業 4.0、智慧製造及 AI 技術，從研發到整合產業鏈，從單機到完整解決方案，TIMTOS 可以協助業者找尋優化生產的最佳利器與服務。除了豐富多元的展覽外，本屆高峰論壇也是業者不可錯過的盛會，我們邀請到世界領先巨擘，分享產業現況與未來。

臺灣是智慧製造王國。我們的任務是與全球彼此相連、一同成長與茁壯。臺灣領土面積雖然小，但我們的心智與力量卻很強大，TIMTOS 是最好的例子：TIMTOS 正是展現一個小島國家以工程技術與聰明才智，迎接全球挑戰的慶典。只要我們一起，便可以塑造更美好的世界。

歡迎各位貴賓來到臺灣，歡迎蒞臨 TIMTOS。感謝各位貴賓的支持和熱情參與，祝福您豐收滿載而歸！

## **TaiNEX 2 and TIMTOS 2019 Opening Ceremony**

### **Remarks by Mr. James C. F. Huang, Chairman, Taiwan External Trade Development Council (TAITRA)**

Good morning everyone. Welcome to TaiNEX 2! And welcome to TIMTOS 2019! We're honored President Tsai is here with us today. Thank you, President, for supporting our industries and communities. I would also like to thank all our distinguished guests here today, in particular our guests from the MICE and machine tool industries, as well as the Ministry of Economic Affairs, the Taipei City Government, and everyone involved in making today happen. Thank you.

Today is a joyous occasion. We celebrate the Grand Opening of TaiNEX 2 and TIMTOS 2019. Today is also a milestone occasion. Today we launch Taiwan's first "Gold-Standard Green Exhibition Hall", TaiNEX 2, making TaiNEX the biggest exhibition venue in the country, and in the process, we turn a new chapter for Taiwan's MICE industry.

This year's TIMTOS 2019 is extra special. It's our first show in this brand-new hall. With the facilities provided here, we establish TIMTOS as one of the world's top-3 machine tool shows, held right here in Taiwan, a small nation no bigger than the size of Switzerland.

Machines are the foundation of all industries. Today, we would like to show you how Taiwan can help you turn your ideas into action, transform your vision into reality, and build the future you've always dreamed about. With today's opening ceremony, we pay tribute to all the makers and builders of all the tools and the machinery, all the cogs and the wheels that keep our world turning. To all our exhibitors, partners and friends, we salute you. You shape our world.

Taiwan is not big in size, but we fostered many industries that can rival the world's best of the best. Taiwan's machine tool industry has long been competing

head-to-head with the world's top machine tool makers who're also global industrial giants. How's this possible, you may ask, when Taiwan possesses nowhere as much natural resources as Germany, Italy or Japan? It's true, our resources are limited, but we can still be resourceful. The fact that we are all gathered here in this new hall for TIMTOS 2019 speaks volumes about human ingenuity in the face of challenge.

TIMTOS gathers the best and brightest companies in the industry to showcase innovations that create innovations. Together, we can develop new products and services. Together, we can take on the challenges of digital transformation.

Industry 4.0, Smart Manufacturing, and AI are the focus of this year's show. From R&D to integrated supply chains, from specialized units to total solutions, TIMTOS can help you find the tools and services you need to optimize your operation.

In addition to the show itself, remember to join us for this year's TIMTOS Summit. We've gathered some of the world's leading minds to look at where the industry is at now, and where it's going in the future.

Taiwan is a nation of smart manufacturing. It's our mission is to connect with you, to grow with you, and to thrive with you. We're not big in size, but we're big in mind. TIMTOS is the perfect example: a celebration of engineering and human ingenuity on a small island nation taking on big global challenges. Together, we can shape a better world.

So welcome to Taiwan, and welcome to TIMTOS. Thank you everyone. Have a great time.



## 台北南港展覽館 2 館暨 2019 年台北國際工具機展

### 聯合開幕典禮

### 機械公會柯拔希理事長致詞參考稿

感謝來自產官學研各界的貴賓、國內外買主，以及媒體朋友們，撥空蒞臨開幕典禮，給予本展支持與指教。僅代表機械公會與所有參展廠商，向各位致謝。

#### 展會規模創新高，研究發展創新競賽將揭曉

今年台北國際工具機展，因為南港展覽館二館正式啟用，由全球第五大躍升為全球第三大工具機展，僅次於德國 EMO 和美國 IMTS 展，總展出 1,230 家廠商，使用 7,000 個攤位，創歷史新高。

呼應本屆展會主軸「工業 4.0 與智慧機械」，同期辦理的工具機研究發展創新產品競賽，今年特別增列智慧機械獎項，以厚植產業實力，持續鼓勵廠商研發創新。本屆共計受理 43 件參賽作品，聘請國內(外)知名工具機設計與製造專家擔任評審委員，分類分項進行評審，競爭激烈，得獎名單將於明晚的酒會揭曉。

#### 技職與高教的教育務實化，產學研合作更升級

台北國際工具機展不僅是全球參展廠商展現實力的舞台，也是延攬產業優秀人才踏入機械業的最佳平台。掌握人才，撼動未來。今年報名參觀本展的學生團體非常踴躍，共計有 50 所學校、130 個班級團體、超過 5,200 名學生組團前來觀摩學習，總人數較上屆倍數成長。非常感謝教育部和相關單位積極協助推廣，促成上述活動順利進行，落實技職與高教的教育實務化。

展覽會場上，除了(以往)工研院及精密機械研究發展中心，還多了許多新面孔，包括中正大學、虎尾科技大學、以及科技部工程司的國際產學聯盟等單位，前來共襄盛舉，希望未來有更多學研單位，一同參與這場工具機盛宴。

## 深耕智慧機械與智慧製造，邁向 2 兆產值目標

臺灣機械產業持續成長，前年（2017）台灣機械業產值突破新台幣兆元目標，達到 1.1 兆元，去年(2018)機械業出口值 274 億美元，成長 7.2%，而生產值再增加約 800 億元、達到 1.18 兆元，成長約 7.3%，續創歷史新高，而工具機產業出口值 36.6 億美元，較去年成長 9.5%。

去年 8 月，機械公會發表智慧機械產業白皮書，規劃未來持續朝向智慧機械與智慧製造的方向邁進，期許臺灣成為全球的「智慧機械製造王國」。智慧機械是智慧製造的基礎，沒有智慧機械，就沒有智慧製造。

今年，機械公會將扮演催生和推動的角色，力推智慧機械上雲端，用共享經濟的概念發展公版機械雲，建立機械雲端服務平台的軟硬體系統與示範運行服務團隊，推動並協助設備業者導入機械雲服務。發展智慧機械與智慧製造所創造的高附加價值，將可實現在 2025 年機械業產值達到 2 兆台幣的願景。

## 今年景氣先蹲後跳，觀察美中貿易戰、布局新南向

臺灣工具機產業因出口占七成以上，未來發展還是要觀察今年全球景氣的變化。去年第 4 季開始投資縮手，市場觀望氣氛濃厚，部分機械業的廠商接單出現反轉。預估今年上半年，因美中貿易戰與英國脫歐仍有變數，我們先保守看待，但今年下半年表現有機會優於上半年，今年景氣可維持先蹲後跳的格局。

因應美中貿易戰變數，海外設立第二生產基地的需求逐漸發酵。特別是越南和印度市場，未來商機可期。本次展會預計潛在訂單可達 16 億美元，全年產業成長幅度大約在 5~10% 區間，如下半年表現不錯，全年產業有機會成長 10%。

## 盼政府作機械業強力後盾，提升競爭價值

面對詭譎多變的經濟大環境，我們期盼政府保護臺灣機械業的出口設備產品，希望中央銀行能啟動防禦性貶值，避免機械出口設備受到新台幣匯率波動影響。

期盼政府協助機械業上市櫃，增列機械類股，協助機械業在金融市場募資，

希望3年內機械設備業上市櫃達到50家以上規模。

我們也希望立法院能盡速通過產業創新條例修正草案，讓智慧機械列入投資抵減項目，讓臺灣機械產業適用優惠政策，以協助產業提升競爭力。

本屆展會在各方努力之下，台北國際工具機展創下許多新的紀錄，包括躍升為全台規模最大的國際展會。未來，我們會以謙虛謹慎的態度、更穩健踏實的脚步，努力為機械業也為臺灣的經濟，成就更多榮耀。

再次感謝蔡總統、立法院蘇院長和經濟部沈部長長期以來對機械業多方的支持與協助，也感謝現場各位長官、嘉賓、媒體前來參與此次盛會，各位的熱情參與，就是對機械產業界最大的支持與鼓勵。在此祝福各位貴賓身體健康，萬事如意，事業興隆，謝謝。



(Translated speech transcript for press reference)

## **TaiNEX 2 and TIMTOS 2019 Opening Ceremony**

### **Remarks by Mr. Alex Ko, Chairman, Taiwan Association of Machinery Industry (TAMI)**

Thank you, our honored guests from the industry, the academies, and the government, our buyers from both Taiwan and abroad, and the media, thank you for coming to the opening of 2019 Taipei Int'l Machine Tool Show. On behalf of Taiwan Association of Machinery Industry, I would like to thank for your support for the event.

#### **Biggest Show Ever to Announce Innovation Development Competition**

Benefited from the completion of Taipei Nangang Exhibition Center, Hall 2, TIMTOS becomes the world's 3rd largest machine tool show, only next to EMO and IMTS. This year there will be 1,230 exhibitors joining us in 7,000 booths, making a new record high in the show's history.

Echoing "Industry 4.0 & Smart Manufacturing", the theme of this year's show, smart machinery is included as a special category in this year's competition of Taiwan Machine Tool Industry Awards for Excellence in Research and Innovation to encourage innovation and development of the industry. There are total 43 entries this year that will be reviewed by notable committees in the field of machinery tool design and manufacturing. The competition will be conducted by product categories and subcategories. The result of the intense competition will be announced tomorrow night at the dinner reception.

#### **Cultivation of Post-Secondary and Higher Education, Elevation of Collaboration with the Industry, the Academy and the Government**

TIMTOS serves more than as a stage for global manufacturers to show their

products, it is also a place for recruiting the best talents. This year students take great initiative to learn from the show, with more than 5,200 students coming from 130 classes of 50 schools, many times more than that of the previous year. We appreciate the promotion by Ministry of Education and related sectors, through which we are able to run the event smoothly, while realizing the practical learning of post-secondary and higher education.

In addition to the participation of ITRI and PMC (Precision Machinery Research Development Center) in the show, we are also joined by new faces such as Chung Cheng University, Formosa University, and the Global Research & Industry Alliance of the Department of Engineering and Technology of Ministry of Science and Technology. We expect even more professionals to join the show in the future.

### **Rooting in Smart Machine and Smart Manufacture, Looking up to 2 Trillion Production Value**

Taiwan Machinery industry continues to grow. As in 2017, the industry production value has exceeded TWD1.1 trillion. In 2018, the export value of machinery industry was USD27.4 billion, a 7.2% increase from last year, while the production value increased by TWD80 billion and reached TWD1.18 trillion, representing a 7.3% growth and creating new history records. The export value of machinery tool was USD3.66 billion, increased by 9.5% compared to last year.

Last August, TAMI published the industry white paper of smart machinery, planning to continue on the direction of smart machine and smart manufacturing to become the world's capital for producing smart machine. Smart machine is the foundation of smart manufacturing, as there will be no smart manufacturing without smart machine.

This year, TAMI will facilitate and support the smart machine to connect to the cloud and build a team to help construct a cloud service platform specifically for machines and to demonstrate and promote this platform to the equipment

manufacturers. This will add values to the machinery industry and help the industry to reach to the TWD2 trillion production values by 2025.

### **2019 is the Year of Economy Rebound, Planning for the New Southbound Policy While Observing the U.S.-China Trade Dispute**

Since more than 70% of Taiwanese machine tool products are being exported, the future of the industry relies on global economy. Capital expenditures tightened since the 4th quarter of last year, and companies are still waiting for further signs. Although partial machine manufacturers have received orders, the trade dispute between U.S. and China and the Brexit hold back the economy nonetheless. We are taking conservative steps while the second half of 2019 could be more promising than the 1<sup>st</sup> half; the overall economy is looking to rebound.

To respond to the trade dispute, the need to set up a second production location abroad is increasing, especially the business opportunities in Vietnam and India. This year the show expects to receive a potential order of USD1.6 billion, about 5-10% annual industry growth. The industry expects to grow by 10% accompanied by a favorable 2nd half of the year.

### **The Industry Expects to Increase Competitiveness Under Government's Support**

To react to the ever-changing global economy, we expect that the government to protect the export of Taiwan machines, and hope that the Central Bank to activate the defensive depreciation mechanism to avoid the impact that Taiwan dollar exchange rate has on machine export.

Secondly, we hope that the government can assist machinery companies to be listed on the stock market, create a category for machinery, and assist the industry in funding in financial market. We hope the machinery companies to be listed on the stock market to reach 50 within the next 3 years.


We also expect that the Legislative Yuan to pass the draft revision of industry innovation regulation and include smart machine under the items of investment tax credit to help increase industry competitiveness.

With the effort from multiple sectors, this year TIMTOS has broken many new records, such as becoming the largest professional trade show in Taiwan. In the future, for the machine industry and Taiwan, we shall accomplish greater achievement with modest, humble and firm steps.

Thank you again for the long-term support and assistance for machine industry from President Tsai, Minister Su of the Legislative Yuan, and Minister Shen of Economic Affairs. Thank you for the presence of our government officials, honored guests, and the media at the show. We are encouraged with and supported by everyone's participation. I'd like to wish you a great business in the future, thank you.

## 「第 27 屆台北國際工具機展」

### 展覽簡介


 **展覽日期：**2019 年 3 月 4 日至 9 日

 **展覽時間：**上午 10 時至下午 6 時

 **主辦單位：**


中華民國對外貿易發展協會 (TAITRA)

臺灣機械工業同業公會 (TAMI)


 **展覽地點：**台北世貿一館及三館

台北南港展覽館 1 館及 2 館

 **展示總面積：**10 萬平方公尺

 **參展廠商家數及攤位數：**

| 年度     | 參展家數  | 攤位數   |
|--------|-------|-------|
| 2017 年 | 1,100 | 5,430 |
| 2019 年 | 1,230 | 7,000 |

 **各館展區劃分：**

● **台北世貿一館：**

管材和線材加工設備區

板材和雷射加工設備區

焊接，震動研磨，表面處理設備區

金屬成型工具機區(鑄鍛)

刀具、工具及配件區

德國國家館

海峽兩岸工具機展區

AR 體驗區

國際公協會區

媒體區




- **台北世貿三館：**
  - 零組件、配件區
  - 金屬切削工具機區
  - 金屬成型工具機區(鑄鍛)
  - 控制器與控制系統區
  - 量具、量儀、軟體、設計工程區
  - 刀具、工具及配件區
  - 管材和線材加工設備區
  - 焊接，震動研磨，表面處理設備區
  - 板材和雷射加工設備區
  - 工業機器人區
  - 媒體區
  
- **台北南港展覽館 1 館：**
  - 金屬切削工具機區
  - 瑞士國家館
  - 德國國家館
  - 美國國家館
  - 國際公協會區
  - 媒體區
  
- **台北南港展覽館 2 館：**
  - 量具、量儀、軟體、設計工程區
  - 控制器與控制系統區
  - 零組件、配件區
  - 金屬切削工具機區
  - 丹麥國家館
  - 土耳其國家館
  - 國際公協會區

## The 27<sup>th</sup> Taipei International Machine Tool Show

### FACT SHEET

 **Dates:** March 4-9, 2019

 **Hours:** 10 A.M. - 6 P.M.

 **Organizers:**

Taiwan External Trade Development Council (TAITRA)

Taiwan Association of Machinery Industry (TAMI)

 **Venues:**

Taipei World Trade Center (TWTC) Exhibition Hall 1

TWTC Exhibition Hall 3

Taipei Nangang Exhibition Center, Hall 1 (TaiNEX 1)

Taipei Nangang Exhibition Center, Hall 2 (TaiNEX 2)

 **Exhibit Space:** 100,000 square meters (Gross)

 **Exhibitors:**

|      | No. of Exhibitors | No. of Booths |
|------|-------------------|---------------|
| 2017 | 1,100             | 5,430         |
| 2019 | 1,230             | 7,000         |

 **Exhibit Profile:**

 **TWTC Exhibition Hall 1**

Tube & Wire Processing Machines, Laser Punching Machines, Welding, Vibration Grinding & Surface Treatment Equipment, Metal Forming Machines, Casting & Forging, Cutting Tools, Tooling System & Accessories, German Pavilion, China Pavilion, AR Experience Zone, International Associations



 **TWTC Exhibition Hall 3**

New Exhibitors Showing Metal Cutting & Forming Machines, Machine Tool Parts, Control Systems & Software, etc.

 **TaiNEX 1**

Lathes, Drilling, Milling, Boring, Planing, Slotting, Broaching, Grinding & Sawing Machines, EDM, Machining Centers, German, Swiss & U.S.A. Pavilion, International Associations

 **TaiNEX 2**

Machine Tool Parts, Controllers & Control Systems, Measuring, Measuring Instrument, Software, Design Engineering, Denmark & Turkey Pavilion, International Associations

## 台北南港展覽館 2 館 TaiNEX 2 特色介紹

台北南港展覽館 2 館(Taipei Nangang Exhibition Center, Hall 2，以下簡稱 TaiNEX 2)，為南港會展中心擴建計畫項目，由經濟部投資興建、貿協營運管理，於昨日(2019 年 3 月 4 日)正式啟用，具有全臺獨一無二中花園展覽空間，適合辦理展覽、國際會議、企業會議等各項活動。

TaiNEX 2 由知名德國建築設計公司 gmp Architects von Gerkan, Marg and Partners 及臺灣潘冀聯合建築師事務所聯手設計，整體結構造型風格，類似古羅馬建築理論：實用、堅固、美觀，外型簡約具穿透感。

台北南港展覽館 1 館 (Taipei Nangang Exhibition Center, Hall 1，以下簡稱 TaiNEX 1)與 TaiNEX 2 兩館合計，可提供 5,000 個攤位與 38 間分組會議室，滿足大部份國際展覽及年會所需空間，將成為臺灣最耀眼會展產業核心，以及亞洲主要會展中心!

TaiNEX 2 特色包括：

- 一、為全臺首座榮獲「黃金級綠建築標章」的專業展覽場館。
- 二、高大方正宏偉的玻璃外觀建築，搭配水波狀的特色屋頂，與南港 1 館船桅狀的屋頂相互輝映，已成為台灣會展的新地標。
- 三、非常便捷交通，45 分鐘可抵桃園國際機場，15 分鐘抵達松山機場，5 分鐘抵南港站 3 鐵共構—台鐵、高鐵、北捷，並有地下連通道連接 TaiNEX 1 與捷運站。
- 四、多樣住宿選擇，從展館搭乘捷運 15 分鐘即抵達市中心鬧區，大臺北地區共 500 多間旅館提供 25,000 間房間入住。
- 五、挑高的展覽場，1 樓展場挑高 12 米，4 樓挑高 9 米，全館共提供 2,300 個展覽攤位。
- 六、7 樓多功能會議中心為全臺最大無柱會議空間，挑高 9 米，可容納 3,600 人及 14 間分組會議室。

七、7樓玻璃帷幕，從寬廣室內走道可觀賞室外 6,100 平方公尺的空中花園及遠眺台北 101。

八、充足全館停車空間，達 1,296 個並設有智慧停車系統，地下 1 樓停車場挑高 4 米，可供遊覽車及貨車停放。

九、流暢垂直動線，全館共設有 28 座電扶梯及 16 座快速客貨梯。

除此次的台北國際工具機展之外，今年台北國際汽車零配件展、台北國際電腦展、台北國際食品展及台北國際自行車展等大型國際展覽，均將選在 TaiNEX 雙館展出，TaiNEX 2 的啟用將為台灣帶來更多國際級展覽會議活動！

#### **TaiNEX 2 新聞資料聯絡：**

南港國際展覽中心 2 館 陳瑾緻高專

02-2725-5200 #6616

macy@taitra.org.tw

## **The Features of TaiNEX 2**

Taipei Nangang Exhibition Center, Hall 2(TaiNEX 2), an expansion project invested by the Ministry of Economic Affairs (MOEA) and operated by Taiwan External Trade Development Council (TAITRA), opened on March 4th,2019. TaiNEX 2 has unique sky garden on the top floor and will attract more international exhibitions, conferences, and business meetings to be held in Taiwan.

TaiNEX 2 is designed by famous architectural design companies - gmp Architects von Gerkan, Marg and Partners from Germany and J.J Pan and Partners from Taiwan. Its design follows ancient Roman architecture's three principles – utility, solidity, and beauty. The appearance of TaiNEX 2 is neat and penetrating.

Combined with the spaces of Taipei Nangang Exhibition Center, Hall 1 (TaiNEX 1) and TaiNEX 2, the total capacity reaches to 5,000 booths and 38 meetings rooms to meet international MICE activities' needs. TaiNEX 1 and TaiNEX 2 will become the core venue of Taiwan MICE industry and one of the major exhibition and convention centers in Asia.

### **TaiNEX 2 features are:**

1. The first exhibition hall to be awarded the "Green Building Label - Golden Level" in Taiwan.
2. TaiNEX 2's roof is designed to symbolize ocean waves, in keeping with the nautical theme of TaiNEX 1's rooftop which resembles a ship's mast. TaiNEX has become MICE new landmark in Taiwan.
3. Convenient transportation: 45 minutes from Taoyuan International Airport by car, 15 minutes from city center by metro, and only one stop away from Nangang station, where Taipei Metro system, Taiwan Railway and Taiwan High Speed Rail

- station are all connected at. Besides that, pedestrian underpass connects Taipei Metro system and TaiNEX 2.
4. 15 minutes from Taipei city center to TaiNEX 2 by Metro and can reach 500 hotels with 25,000 rooms available in Taipei easily.
  5. High ceiling exhibition halls: 12 meters on the 1st floor and 9 meters on the 4th floor, adding space for 2,360 new booths.
  6. The multifunctional conference hall on the 7th floor is the biggest non-pillar conference space in Taiwan, which has 9-meter ceiling height, 14 convertible meeting rooms and maximum capacity of 3,600 persons.
  7. Glass curtain wall and wide corridors on 7th floor let visitors have penetrated view to see outdoor 6,100 sqm sky garden and Taipei 101.
  8. Sufficient parking area with 1,296 indoor parking spaces served with a smart parking system and 4-meter ceiling height to let shuttle buses and trucks go directly into the basement.
  9. 28 escalators and 16 escalators let vertical flow fast and smooth.

After TIMTOS 2019, there are more big international exhibitions are held at TaiNEX such as AMPA, Computex, Food Taipei, and Taipei Cycle Show. International conferences including Rotary International Convention in 2021 will choose TaiNEX too. In the future, we look forward more global MICE activities being held at TaiNEX in Taiwan!

**TaiNEX 2 Press information contact window:**

Macy Chen

Senior Project Manager

Nangng International Exhibition Center, Hall 2

02-2725-5200 #6616

macy@taitra.org.tw

【開幕新聞稿】

## 2019 年台北國際工具機展 3 月 4 日盛大開展 啟用全臺首座榮獲「黃金級綠建築標章」南港 2 館

新聞聯絡人

外貿協會展覽處 余佩穎專員

電話：02-2725-5200 分機 2612

傳真：02-2725-1959

e-mail：gracey@taitra.org.tw

由中華民國對外貿易發展協會與臺灣機械工業同業公會共同主辦之「2019 年台北國際工具機展(TIMTOS)」將於 3 月 4 日至 9 日連續 6 天於台北南港展覽館 1 館及 2 館、台北世貿 1 館及 3 館隆重登場。今年展覽規模創歷屆最高紀錄，總計 1,230 家國內外廠商參展，使用 7,000 個攤位，除了再創臺灣展覽規模紀錄，也榮登成為全球第三大工具機專業展，預計吸引超過 7,500 名國外買主，5 萬 2,700 名國內相關業者前來參觀採購。

TIMTOS 為第一個啟用台北南港展覽館 2 館(Taipei Nangang Exhibition Center, Hall 2，簡稱 TaiNEX 2)的重量級國際展覽。備受各界關注的 TaiNEX 2 為全臺首座榮獲「黃金級綠建築標章」的專業展覽場館，樓地板面積達 156,700 平方公尺，容留人數達 32,000 人，其一樓展場及四樓展場分別挑高 12 米及 9 米，今(4)日與 TIMTOS 聯合開幕典禮將共同展現宏偉大器的氣勢，為臺灣會展業在國際地位大添光彩。

今年 TIMTOS 國內外精銳廠商盡出，外商來自 26 國包含 DMG MORI、MAZAK、FANUC、SIEMENS、SODICK、HEIDENHAIN、友嘉、正河源、和和、東台、高鋒、富格蘭、程泰、新武、福裕、銀泰、德大等指標廠商參展。另外除了已多屆參展的瑞士館、德國館，美國、丹麥、土耳其也首次以國家館形式展出，進一步突顯 TIMTOS 為全球工具機業者展示最新機種與技術之重要國際平台。



今年 TIMTOS 首度推出 AR 體驗館，應用 Augmented Reality(AR)技術呈現臺灣成型機械的構造。臺灣成型設備廠開發結合機械手臂、自動換模、感測系統、擴增實境應用等技術，並搭配完善的生產管理系統及遠端控管，建構鈹金與鋁合金鑄件智慧生產線。呼應展覽主題之一的「工業 4.0、智慧製造」，展出工業 4.0、智慧製造解決方案以及工具機完整產業供應鏈，例如：永進機械設立 Smart Factory 展示區；高鋒工業展出新型五軸加工機及高速龍門加工機；榮田精機推出新世代的航太專用工具機等。

此外，重頭戲還有 3 月 5 日及 6 日在台北國際會議中心(TICC)舉辦 TIMTOS 高峰論壇，包含 ABB、Optomec、達梭(Dassault Systèmes)、空中巴士(Airbus)、德馬吉(DMG)、西門子(Siemens)及博世力士樂(Bosch Rexroth)等國內外知名企業及產業菁英，將針對智慧聯網、積層製造、航太智慧製造及汽車製造業變革四大主題，探討最新技術應用及產業趨勢脈動。

展覽期間周邊活動多元，包括「第 14 屆工具機研究發展創新產品競賽頒獎典禮」、「2019 年台北國際工具機展採購洽談會」、「馬來西亞機械市場說明會暨外貿協會及馬來西亞檳城機器廠商會(PENFEIA)合作備忘錄簽約典禮」、「台日機械企業經貿交流會」、及「德國工具機產業發展新趨勢會議」等，另將進行 40 場創新技術研討會與新產品發表會。

本展自 3 月 4 日至 9 日，每日上午 10 時至下午 6 時，供國內外業者憑名片免費換證進場，一般民眾購票參觀(售票至下午 4 時，門票每張新臺幣 200 元)，國內大專院校機械相關系所學生以學生證換證入場，不開放 12 歲以下兒童入場。更多展覽資訊請至官網：[www.timtos.com.tw](http://www.timtos.com.tw) 查詢。

(Opening Show Press Release For Immediate Release)

**2019 TIMTOS Grand Opening- March 4 at  
Taiwan's First 'Green Building Gold Label'  
Taipei Nangang Exhibition Center Hall 2**

Press Contact:

Grace Yu, TAITRA

Tel: 886-2-2725-5200 ext 2612

Fax: 886-2-2725-1959

E-mail: [graceyu@taitra.org.tw](mailto:graceyu@taitra.org.tw)

Co-hosted by TAITRA and the Taiwan Machinery Industry Association, the '2019 Taipei International Machine Tool Show (TIMTOS)' will take place March 4-9, at Taipei Nangang Exhibition Center Hall 1&2, and TWTC Hall 1&3. The six-day show, the largest in TIMTOS' history and the third largest of its kind in the world, will gather 1,230 exhibitors and bring to life 7,000 booths – the greatest number of booths ever used in Taiwan, as well as welcome 7,500 international buyers and 52,700 Taiwanese industry visitors.

TIMTOS is the first international show to take place at Taipei Nangang Exhibition Center, Hall 2 (TaiNEX 2). The much anticipated TaiNEX 2, which passed Taiwan's first Green Building Gold Label, has a total floor area of 156,700 sq. m<sup>2</sup> and capacity of up to 32,000 people. TIMTOS will occupy the ground level, with 12m ceilings and 4th level with 9m ceilings. The joint grand opening TaiNEX 2 and TIMTOS 2019 will create momentum to Taiwan's MICE industry and upgrade the international status of Taiwan's industries.

TIMTOS this year features exhibitors from 26 countries. Those include world-renowned firms such as DMG MORI, MAZAK, FANUC, SIEMENS, SODICK, and HEIDENHAIN. Local exhibitors include Fair Friend Group, Chain

Headway, Soco Machinery, Tongtai, Kao Fong Machinery, Po Ly GIM, Goodway, Shinwu, Chevalier, PMI-Group, and Deta. In addition to countless exhibitors from Switzerland and Germany, companies from USA, Denmark and Turkey will feature in national pavilions for the first time. This points to the fact that TIMTOS has become a major show for global manufacturers to demonstrate their advanced machines and technologies.

This year TIMTOS presents an “AR Experience Zone” for the first time, which uses Augmented Reality (AR) to demonstrate the structures of metal-forming machines. Taiwanese metal-forming machinery companies apply robotic arms, automatic die change systems, sensors, and AR applications and together with production management systems and remote management, to build smart production lines of sheet metal and aluminum alloy casting. This corresponds to TIMTOS’s themes ‘Industry 4.0, Smart Manufacturing’, featuring Industry 4.0 and smart manufacturing solutions and complete machine tool supply chains. For example, YCM’s Smart Factory, Kao Fong’s new 5-Axis Machine and Double-column Machine, and Honor Seiki’s new generation machine tools specifically designed for making aircrafts.

Furthermore, the TIMTOS Summit at TICC on March 5-6, will assemble top executives from international and local firms including ABB, Optomec, Dassault Systèmes, Airbus, DMG, Siemens and Bosch Rexroth. They will focus on ‘Machine Intelligence and AIoT’, ‘Additive Manufacturing’, ‘Innovation in Aerospace Manufacturing’, ‘Automotive Manufacturing Revolution’ to explore state-of-the-art technique application and industrial trends.

In parallel, the show features multiple events including the ‘14th Ceremony of Taiwan Machine Tool Industry Awards for Excellence in Research & Innovation’, ‘TIMTOS 2019 One-on-One Procurement Meetings’, ‘Market Briefing of Machinery Industry in Malaysia & Signing Ceremony for the Memorandum of



27<sup>th</sup> Taipei Int'l Machine Tool Show

Taipei International Machine Tool Show



2019

March 4 - 9


Understanding between TAITRA and PENFEIA (Penang Foundry & Engineering Industries Association)', 'Taiwan-Japan Machinery Enterprise Economic and Trade Exchange Meeting', and the 'Germany Company Talk @ TIMTOS'. There will also be 40 seminars on new technologies and new product launches.

The show opens daily from 10:00 to 18:00, March 4-9. Free admission with business cards is available for professional visitors. Tickets can be purchased for the general public (NT\$200 per ticket - booths are open till 16:00), local students from industry-relevant fields require a student ID for free admission. The show will not admit children under 12 years old.

For more information, please access our official website at [www.timtos.com.tw](http://www.timtos.com.tw).

## 2019 年台北國際工具機展 高峰論壇日程表

### 【主題一：智慧聯網】

 時間：2019 年 3 月 5 日(二) 09:00-12:30

 地點：臺北國際會議中心 101 會議室 (臺北市信義區信義路五段 1 號)

| 時間          | 議程/講師  |
|-------------|--|
| 09:00-09:20 | 來賓報到   |
|             | 開場致詞   |
| 09:20-09:30 | 林芳苗 / 中華民國對外貿易發展協會副秘書長<br>柯拔希 / 臺灣機械工業同業公會理事長  |
| 09:30-10:10 | <b>【主題演講】How SAP helps Customers to Create Value with Industry 4.0 and Internet of Things in Discrete Industries</b><br>Bernhard Meyer / SAP Global Solution Manager, Industry Business Unit, Industrial Machinery & Components (IM&C) |
| 10:10-10:50 | <b>【主題演講】智能 IoT 智能服務管理平台</b><br>劉新正 / ITTS 東捷資訊服務副總經理  |
| 10:50-11:30 | <b>【主題演講】從產學實踐台灣工業物聯網應用</b><br>覺文郁 / 虎尾科技大學校長  |
| 11:30-12:10 | <b>【主題演講】工業 AI 和工業互聯網未來趨勢分析</b><br>李傑 / 美國辛辛那提大學教授   |
| 12:10-12:30 | <b>【主題對談】未來製造工作型態</b><br>主持人：莊國欽 / 臺灣機械工業同業公會榮譽理事長<br>對談貴賓：所有主講人   |


\*主辦單位保留議程變更及參加資格審核之權利


\*現場提供中英文口譯

\*入場方式：本論壇採收費制，配戴 TIMTOS 記者證可免費入場。

## TIMTOS 2019 Summit - Forum Agenda

### Session 1: Machine Intelligence and AIoT

 Time : 09:00-12:30, Tuesday, March 5, 2019

 Location : Conference Room 101, TICC (No. 1, Sec. 5, Xinyi Road, Taipei)

| Time        | Agenda/Speaker  |
|-------------|---|
| 09:00-09:20 | <b>Registration</b>   |
|             | <b>Opening Remarks</b>  |
| 09:20-09:30 | <b>Leonor F. M. Lin</b> , Executive Vice President of TAITRA<br><b>Alex Ko</b> , Chairman of TAMI   |
| 09:30-10:10 | <b>【Keynote】 How SAP helps Customers to Create Value with Industry 4.0 and Internet of Things in Discrete Industries</b><br><b>Bernhard Meyer</b> , SAP Global Solution Manager, Industry Business Unit, Industrial Machinery & Components (IM&C) |
| 10:10-10:50 | <b>【Keynote】 The Intelligent IoT Asset Management Platform for Smart Service</b><br><b>Arthur Liu</b> , Vice President, ITTS  |
| 10:50-11:30 | <b>【Keynote】 Realization of Taiwan Industrial Internet of Things Application from Industry-University Cooperation</b><br><b>Wen-Yuh Jywe</b> , President of National Formosa University   |
| 11:30-12:10 | <b>【Keynote】 Trends of Industrial AI and Industrial Internet</b><br><b>Jay Lee</b> , Professor at the Univ. of Cincinnati   |
| 12:10-12:30 | <b>【Panel Discussion】 The Future of Work</b><br><b>Moderator: K.C. Chuang</b> , Honorary Chairman of TAMI<br><b>Panelists: All Speakers</b>   |


\*Topics are subject to change and will be updated anytime.

\*Chinese/English onsite simultaneous interpretation provided.

\*Admission: Journalists wearing TIMTOS Press badge are admitted free of charge.

## 2019 年台北國際工具機展 高峰論壇日程表

### 【主題二：智慧聯網】

 時間：2019 年 3 月 5 日(二) 13:00-17:00

 地點：臺北國際會議中心 101 會議室 (臺北市信義區信義路五段 1 號)

| 時間           | 議程/講師   |
|--------------|---|
| 13:00-13:30  | 來賓報到  |
| 13:30-14:10  | <b>【主題演講】未來製造業的高端加工技術解決方案</b><br>Neun Harald / DMG MORI 營運長   |
| 14:10-14:50  | <b>【主題演講】The Evolution of Metal Additive Manufacturing: Leveraging the Machine Tool Infrastructure</b><br>Pascal Pierra / Optomec 亞太區總監 |
| 14:50-15:20  | <b>【主題演講】增材智造實現快速生產</b><br>楊奇杰/ 馬路科技大中華區銷售經理  |
| 15:20-16:00  | <b>【主題對談】洞悉金屬 3D 列印未來發展</b><br>主持人：路怡珍 / 科技主播<br>對談貴賓：所有主講人   |
| 16:00- 17:00 | 德國工藝 享譽國際-德國工具機產業發展新趨勢  |


\*主辦單位保留議程變更及參加資格審核之權利


\*現場提供中英文口譯

\*入場方式：本論壇採收費制，配戴 TIMTOS 記者證可免費入場。

## TIMTOS 2019 Summit - Forum Agenda

### Session 2: Additive Manufacturing

 Time : 13:00-17:00, Tuesday, March 5, 2019

 Location : Conference Room 101, TICC (No. 1, Sec. 5, Xinyi Road, Taipei)

| Time         | Agenda/Speaker  |
|--------------|---|
| 13:00-13:30  | <b>Registration</b>   |
| 13:30-14:10  | <b>【Keynote】 Advanced machining solutions for the future of manufacturing</b><br><b>Dr. Neun Harald, COO, DMG MORI</b>  |
| 14:10-14:50  | <b>【Keynote】 The Evolution of Metal Additive Manufacturing: Leveraging the Machine Tool Infrastructure</b><br><b>Pascal Pierra, General Manager, Asia Pacific, Optomec</b>                |
| 14:50-15:20  | <b>【Keynote】 Making Production Real</b><br><b>Oscar Yang, Sales Director of Great China, Road Ahead Technologies</b><br>Consultant  |
| 15:20-16:00  | <b>【Panel Discussion】 Metal Additive Manufacturing – Now &amp; Future</b><br><b>Moderator: Catherine Lu, TV journalist focused on global technology</b><br><b>Panelists: All Speakers</b> |
| 16:00- 17:00 | <b>【Side Event】 German Company Talk @ TIMTOS</b>  |

\*Topics are subject to change and will be updated anytime.


\*Chinese/English onsite simultaneous interpretation provided.

\*Admission: Journalists wearing TIMTOS Press badge are admitted free of charge.



## 2019 年台北國際工具機展 高峰論壇日程表

### 【主題三：航太智慧製造】

 時間：2019 年 3 月 6 日(三) 09:00-12:30

 地點：臺北國際會議中心 101 會議室 (臺北市信義區信義路五段 1 號)

| 時間          | 議程/講師  |
|-------------|--|
| 09:00-09:20 | 來賓報到   |
| 09:20-10:00 | <b>【主題演講】駕馭高動態加工技術的開創性解決方案</b><br>Peter Topol / 海德漢資深產品經理                        |
| 10:00-10:40 | <b>【主題演講】實現工業 4.0—與西門子共創數位未來</b><br>Tino Hildebrand / 臺灣西門子副總經理                  |
| 10:40-11:20 | <b>【主題演講】數位化協作與創新- 啟動航太製造的工業復興!</b><br>Rémi GERMAIN / 達梭系統航空太空與國防產業銷售總監          |
| 11:20-12:00 | <b>【主題演講】Advanced manufacturing technologies</b><br>Cyrille SCHWOB / 空中巴士公司亞太區總監 |
| 12:00-12:30 | <b>【主題對談】變革中的製造業-預見未來五年</b><br>主持人：胡竹生 / 工研院機械與系統研究所所長<br>對談貴賓：所有主講人             |

\*主辦單位保留議程變更及參加資格審核之權利

\*現場提供中英文口譯

\*入場方式：本論壇採收費制，配戴 TIMTOS 記者證可免費入場。



## TIMTOS 2019 Summit - Forum Agenda

### Session 3: Innovation in Aerospace Manufacturing

Time : 09:00-12:30, Wednesday, March 6, 2019

Location : Conference Room 101, TICC (No. 1, Sec. 5, Xinyi Road, Taipei)

| Time        | Agenda/Speaker  |
|-------------|---|
| 09:00-09:20 | Registration  |
| 09:20-10:00 | <p><b>【Keynote】 Master highly dynamic machining strategies with innovative solutions in the field of drive and control technology</b></p> <p><b>Peter Topol</b>, Senior Product Manager, Heidenhain</p>   |
| 10:00-10:40 | <p><b>【Keynote】 Embracing Industry 4.0 and Transform towards a Digital Future with Siemens</b></p> <p><b>Tino Hildebrand</b>, Vice President, Siemens Ltd., Taiwan</p>  |
| 10:40-11:20 | <p><b>【Keynote】 The role of the digital collaboration and innovation in the renaissance of the Aerospace Manufacturing</b></p> <p><b>Rémi GERMAIN</b>, Aerospace &amp; Defense Industry Sales Director, Dassault Systèmes</p>   |
| 11:20-12:00 | <p><b>【Keynote】 Advanced manufacturing technologies</b></p> <p><b>Cyrille SCHWOB</b>, Head of Technology, Asia-Pacific, Airbus</p>  |
| 12:00-12:30 | <p><b>【Panel Discussion】 Transforming Manufacturing - What can we see in the next 5 years</b></p> <p><b>Moderator: Jwu-Sheng Hu</b>, Vice President and General Director, Mechanical and Mechatronics Systems Research Laboratories, ITRI</p> <p><b>Panelists:</b> All Speakers</p> |


\*Topics are subject to change and will be updated anytime.


\*Chinese/English onsite simultaneous interpretation provided.

\*Admission: Journalists wearing TIMTOS Press badge are admitted free of charge.

## 2019 年台北國際工具機展 高峰論壇日程表

### 【主題四：汽車製造業變革】

 時間：2019 年 3 月 6 日(三) 13:00-17:00

 地點：臺北國際會議中心 101 會議室 (臺北市信義區信義路五段 1 號)

| 時間          | 議程/講師  |
|-------------|--|
| 13:00-13:30 | 來賓報到   |
| 13:30-14:10 | <b>【主題演講】智慧製造全新局面來臨，工業機器人的創新技術及應用</b><br>鍾鴻鈿 / ABB 區域經理- 服務銷售 (東南亞及台灣) |
| 14:10-14:50 | <b>【主題演講】未來工廠的 CNC 系統</b><br>陳俊隆 / 台灣博世力士樂工業及行走應用部門業務協理                |
| 14:50-15:20 | <b>【主題演講】實現工業 4.1 的智慧工廠自動化</b><br>鄭芳田 / 成功大學智慧製造研究中心講座主任               |
| 15:20-16:00 | <b>【主題對談】改革正在加速，我們準備好了嗎？</b><br>主持人：胡竹生 / 工研院機械與系統研究所所長<br>對談貴賓：所有主講人  |
| 16:00-17:00 | 德國工藝享譽國際-德國工具機產業發展新趨勢  |


\*主辦單位保留議程變更及參加資格審核之權利


\*現場提供中英文口譯

\*入場方式：本論壇採收費制，配戴 TIMTOS 記者證可免費入場。

## TIMTOS 2019 Summit - Forum Agenda

### Session 4: Automotive Manufacturing Revolution

 Time : 13:00-17:00, Wednesday, March 6, 2019

 Location : Conference Room 101, TICC (No. 1, Sec. 5, Xinyi Road, Taipei)

| Time        | Agenda/Speaker   |
|-------------|--|
| 13:00-13:30 | <b>Registration</b>  |
| 13:30-14:10 | <p><b>【Keynote】 The Technology and Application of Industrial Robotics to New Era of Smart Manufacturing</b><br/> <b>HT Choong</b>, Regional Manager- Service Sales (SAS &amp; Taiwan), ABB</p> <p><b>【Keynote】 CNC Systems for Factory of the Future</b><br/> <b>Charlie Chen</b>, Division Sales Manager of Industrial &amp; Mobile Application, Bosch Rexroth Taiwan</p> |
| 14:10-14:50 | <p><b>【Keynote】 Intelligent Factory Automation (iFA) for Industry 4.1</b><br/> <b>Fan-Tien Cheng</b>, Director, Intelligent Manufacturing Research Center (IMRC), National Cheng Kung University</p>   |
| 14:50-15:20 | <p><b>【Panel Discussion】 The Revolution is Speeding Up - Are We Ready?</b><br/> <b>Moderator: Jwu-Sheng Hu</b>, Vice President and General Director, Mechanical and Mechatronics Systems Research Laboratories, ITRI</p>   |
| 15:20-16:00 | <b>Panelists: All Speakers</b>   |
| 16:00-17:00 | <b>【Side Event】 German Company Talk @ TIMTOS</b>   |

\*Topics are subject to change and will be updated anytime.


\*Chinese/English onsite simultaneous interpretation provided.

\*Admission: Journalists wearing TIMTOS Press badge are admitted free of charge.



# TIMTOS

## 27<sup>th</sup> Taipei Int'l Machine Tool Show

Taipei International Machine Tool Show 

# 2019 March 4 - 9

### 「2019 年台北國際工具機展」研討會/活動日程表

### TIMTOS 2019 EVENT/SEMINAR PROGRAM

| 日期<br>Date    | 時間<br>Time          | 活動內容/講題<br>Event/Seminar   | 主辦單位<br>Organizer  | 地點<br>Venue   | 備註<br>Remarks  |
|---------------|---------------------|--|--|---|--|
| 3/4<br>(Mon.) | 10:30               | 開幕典禮<br>Opening Ceremony   | 外貿協會<br>機械公會<br>TAITRA<br>TAMI   | 南港展覽館 2 館<br>4 樓門廳<br>Lobby, 4F, Taipei<br>Nangang<br>Exhibition<br>Center, Hall 2    | 憑邀請函入場<br>By Invitation Only<br>簡馥茗小姐<br>Miranda Chien<br>+886-2-27255200<br>#2867 |
| 3/4<br>(Mon.) | 8:00<br> <br>17:00  | Bfuture 全球新品<br>發布會<br>Bfuture Global<br>Launch & Products<br>Announcement       | 慶鴻機電工業<br>股份有限公司<br>Ching Hung<br>Machinery &<br>Electric<br>Industrial Co.,<br>Ltd. | 南港展覽館 1 館<br>402c 會議室<br>Room 402c,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1 | 林盈函小姐<br>+886-4-23509188<br>#527   |
| 3/4<br>(Mon.) | 8:00<br> <br>17:00  | 發格控制器及光學<br>尺產品介紹<br>Fagor CNC &<br>Feedback Systems<br>Products<br>Introduction | 發格自動化股<br>份有限公司<br>Fagor<br>Automation<br>Taiwan Co., Ltd.                           | 南港展覽館 2 館<br>602 會議室<br>Room 602,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 2   | 溫恕民先生<br>Samuel Wen<br>+886-4-23851558   |
| 3/4<br>(Mon.) | 13:30<br> <br>16:30 | 2019 台北國際工<br>具機展採購洽談會<br>TIMTOS 2019<br>Procurement<br>Meetings                 | 外貿協會<br>TAITRA   | 南港展覽館 1 館<br>504 會議室<br>Room 504,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1   | 柯采慧小姐<br>Tina Ko<br>+886-2-27255200<br>#1573                                       |
| 3/4<br>(Mon.) | 14:00               | 2019 台北國際工<br>具機展記者會   | 外貿協會<br>機械公會   | 南港展覽館 1 館<br>403 會議室  | 侯馨青小姐<br>Savannah Hou  |

|               |                     |  |  |   |  |
|---------------|---------------------|--|--|---|--|
|               | 15:00               | Press Conference,<br>TIMTOS 2019   | TAITRA<br>TAMI   | Room 403,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1                           | +886-2-23494677                                  |
| 3/4<br>(Mon.) | 16:00<br> <br>17:30 | 馬來西亞機械市場<br>說明會暨 TAITRA<br>及 PENFEIA 合作<br>備忘錄簽約典禮<br>Market Briefing of<br>Machinery Industry<br>in Malaysia &<br>Signing Ceremony<br>for the<br>Memorandum of<br>Understanding<br>between Penang<br>Foundry &<br>Engineering<br>Industries<br>Association<br>(PENFEIA) and<br>Taiwan External<br>Trade Development<br>Council (TAITRA) | 外貿協會<br>TAITRA   | 南港展覽館 1 館<br>404 會議室<br>Room 404,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1   | 陳冠儒小姐<br>Melody Chen<br>+886-2-27255200<br>#2693 |
| 3/5<br>(Tue.) | 8:00<br> <br>17:00  | Bfuture 全球新品<br>發布會<br>Bfuture Global<br>Launch & Products<br>Announcement   | 慶鴻機電工業<br>股份有限公司<br>Ching Hung<br>Machinery &<br>Electric<br>Industrial Co.,<br>Ltd. | 南港展覽館 1 館<br>402c 會議室<br>Room 402c,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1 | 林盈函小姐<br>+886-4-23509188<br>#527                 |
| 3/5<br>(Tue.) | 8:00<br> <br>17:00  | 發格控制器及光學<br>尺產品介紹<br>Fagor CNC &   | 發格自動化股<br>份有限公司<br>Fagor   | 南港展覽館 2 館<br>602 會議室<br>Room 602,   | 溫恕民先生<br>Samuel Wen<br>+886-4-23851558           |

|               |                     |  |   |   |   |
|---------------|---------------------|--|---|---|---|
|               |                     | Feedback Systems<br>Products<br>Introduction   | Automation<br>Taiwan Co., Ltd.  | Taipei Nangang<br>Exhibition<br>Center, Hall 2  |   |
| 3/5<br>(Tue.) | 8:30<br> <br>12:00  | 工具機關鍵模組暨<br>智慧製造應用技術<br>發表<br>Intelligent<br>Manufacturing and<br>Machine Tool Key<br>Component<br>Application<br>Technology | 工研院智慧機<br>械科技中心<br>Intelligent<br>Machinery<br>Technology<br>Center, ITRI | 南港展覽館 1 館<br>505a 會議室<br>Room 505a,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1   | 張惠怡小姐<br>Helena Chang<br>+886-49-2345309        |
| 3/5<br>(Tue.) | 9:00<br> <br>12:00  | 台日機械企業經貿<br>交流會  | 機械公會<br>TAMI  | 南港展覽館 1 館<br>504bc 會議室<br>Room 504bc,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1 | 王篠傑先生<br>+886-2-23494668                        |
| 3/5<br>(Tue.) | 9:00<br> <br>16:00  | TIMTOS 2019 高峰<br>論壇<br>TIMTOS 2019<br>SUMMIT  | 經濟部國際貿<br>易局<br>BOFT, MOEA  | 台北國際會議中<br>心 101 會議室<br>Room 101, TICC  | 高麗茹小姐<br>Lilyan Kao<br>+886-2-27255200<br>#2679 |
| 3/5<br>(Tue.) | 16:00<br> <br>17:00 | 德國工藝 享譽國<br>際<br>-德國工具機產業<br>發展新趨勢<br>German Company<br>Talk @ TIMTOS  | 外貿協會<br>德經處<br>TAITRA<br>German Trade<br>Office Taipei                    | 台北國際會議中<br>心 101 會議室<br>Room 101, TICC  | 鄭芳姿小姐<br>Suzie Cheng<br>+886-2-7735-7524        |
| 3/5<br>(Tue.) | 10:00<br> <br>12:00 | 《工具機組裝新利<br>器-Renishaw 全新<br>XK10 校準雷射系<br>統》新品發表會<br>Renishaw's XK10<br>alignment laser                                     | 雷尼紹股份有<br>限公司<br>Renishaw<br>(Taiwan) Inc.                                | 南港展覽館 1 館<br>402a 會議室<br>Room 402a,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1   | 莊詠偉先生<br>Eric Chuang<br>+886-4-24603799         |

|               |                     |   |   |   |   |
|---------------|---------------------|---|---|---|---|
|               |                     | system- new tool for machine tool assembly and alignment  |   |   |   |
| 3/5<br>(Tue.) | 10:30<br> <br>12:00 | TNC 640 高效率五軸輪廓控制器-高可靠度創新加工技術的優勢  | 海德漢股份有限公司<br>HEIDENHAIN Co., Ltd.<br>(Taiwan)                   | 南港展覽館 1 館<br>403 會議室<br>Room 403,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1     | 蔡語耕小姐<br>Gloria Tsai<br>+886-4-2358-8977<br>#1035 |
| 3/5<br>(Tue.) | 13:00<br> <br>15:00 | NIDEC-<br>Commander C 產品<br>發表會<br>NIDEC-<br>Commander C<br>Product Launch  | 睿欣實業股份有限公司<br>Raise Precision<br>Co., Ltd.                      | 世貿一館<br>第 4 會議室<br>Conference<br>Room 4,<br>TWTC<br>Exhibition Hall 1                   | 陳曦小姐<br>Judy Chen<br>+886-4-22606502              |
| 3/5<br>(Tue.) | 13:00<br> <br>15:00 | 工業 4.0 智慧製造<br>研討會/模具智能<br>化生產單元<br>Industry 4.0-<br>Intelligent<br>Manufacturing<br>Conference<br>/Mold intelligent<br>production unit | 徠通科技股份有限公司<br>Accutex<br>Technologies<br>Co., Ltd.              | 南港展覽館 1 館<br>402ab 會議室<br>Room 402ab,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1 | 張詠晴小姐<br>+886-4-23599688<br>#226                  |
|               | 15:30<br> <br>18:00 | 徠通科技全球代理商會議   |   |   |   |
| 3/5<br>(Tue.) | 14:00<br> <br>15:00 | 2020 年日本國際<br>工具機展覽會<br>JIMTOF 記者會<br>JIMTOF 2020<br>Press Conference   | 日本工作機械<br>工業會<br>Japan Machine<br>Tool Builders'<br>Association | 南港展覽館 1 館<br>404 會議室<br>Room 404,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1     | Keiko Honda<br>+81-3-34343961                     |



|               |                     |   |  |  |   |
|---------------|---------------------|---|--|--|---|
| 3/5<br>(Tue.) | 14:30<br> <br>16:30 | 智慧製造聯網數據<br>增值產業聯盟會員<br>大會  | 財團法人工業<br>技術研究院<br>ITRI                                | 南港展覽館 1 館<br>504a 會議室<br>Room 504a,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1                | 陳玉雲小姐<br>+886-3-5916720                     |
| 3/5<br>(Tue.) | 15:00<br> <br>16:00 | 臺灣機械工業同業<br>公會與馬來西亞檳<br>城機器廠商會簽訂<br>合作協議  | 機械公會<br>TAMI   | 南港展覽館 1 館<br>4 樓貴賓簡報室<br>VIP Briefing<br>Room, 4F,<br>Taipai Nangang<br>Exhibition<br>Center, Hall 1 | 林子鈞先生<br>Ryan Lin<br>+886-2-23494694        |
| 3/5<br>(Tue.) | 15:00<br> <br>17:30 | 台灣麗馳全球代理<br>商大會暨新產品發<br>表會<br>Litz Hitech Global<br>Dealer Meeting and<br>New Product<br>Announcement   | 台灣麗馳科技<br>股份有限公司<br>Litz Hitech<br>Corporation         | 南港展覽館 1 館<br>401 會議室<br>Room 401,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1                  | 莫金燕小姐<br>Lisa Mo<br>+886-4-26815711<br>#246 |
| 3/5<br>(Tue.) | 18:30               | 2019 年台北國際<br>工具機展歡迎酒會<br>暨工具機研究發展<br>創新產品競賽頒獎<br>典禮<br>Reception for<br>TIMTOS 2019 and<br>the Ceremony of<br>Taiwan Machine<br>Tool Industry<br>Awards for<br>Excellence in<br>Research &<br>Innovation | 工具機發展基<br>金會<br>外貿協會<br>機械公會<br>TMTF<br>TAITRA<br>TAMI | 南港展覽館 1 館<br>3 樓燴館宴會廳<br>The Banquet<br>Hall, 3F, Taipei<br>Nangang<br>Exhibition<br>Center, Hall 1  | 蔡宜真小姐<br>Bonnie Tsai<br>+886-2-23110358     |

|               |                     |  |  |   |   |
|---------------|---------------------|--|--|---|---|
| 3/6<br>(Wed.) | 8:00<br> <br>17:00  | Bfuture 全球新品<br>發布會<br><br>Bfuture Global<br>Launch & Products<br>Announcement       | 慶鴻機電工業<br>股份有限公司<br><br>Ching Hung<br>Machinery &<br>Electric<br>Industrial Co.,<br>Ltd. | 南港展覽館 1 館<br>402c 會議室<br><br>Room 402c,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1 | 林盈函小姐<br><br>+886-4-23509188<br><br>#527                |
| 3/6<br>(Wed.) | 8:00<br> <br>17:00  | 「2019 年台北國<br>際工具機展」高中<br>職、大專、大學、<br>研究所導覽活動  | 機械公會<br>TAMI   | 南港展覽館 1 館<br>500 會議室<br><br>Room 500,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1   | 黃雅華小姐<br><br>+886-2-23494672                            |
| 3/6<br>(Wed.) | 8:00<br> <br>17:00  | 發格控制器及光學<br>尺產品介紹<br><br>Fagor CNC &<br>Feedback Systems<br>Products<br>Introduction | 發格自動化股<br>份有限公司<br><br>Fagor<br>Automation<br>Taiwan Co., Ltd.                           | 南港展覽館 2 館<br>602 會議室<br><br>Room 602,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 2   | 溫恕民先生<br>Samuel Wen<br><br>+886-4-23851558              |
| 3/6<br>(Wed.) | 9:00<br> <br>16:00  | TIMTOS 2019 高峰<br>論壇<br><br>TIMTOS 2019<br>SUMMIT                                    | 經濟部國際貿<br>易局<br><br>BOFT, MOEA   | 台北國際會議中<br>心 101 會議室<br><br>Room 101, TICC  | 高麗茹小姐<br>Lilyan Kao<br><br>+886-2-27255200<br><br>#2679 |
| 3/6<br>(Wed.) | 16:00<br> <br>17:00 | 德國工藝 享譽國<br>際<br><br>-德國工具機產業<br>發展新趨勢<br>German Company<br>Talk @ TIMTOS            | 外貿協會<br>德經處<br><br>TAITRA<br>German Trade<br>Office Taipei                               | 台北國際會議中<br>心 101 會議室<br><br>Room 101, TICC  | 鄭芳姿小姐<br>Suzie Cheng<br><br>+886-2-7735-7524            |
| 3/6<br>(Wed.) | 8:00<br> <br>17:00  | 工業 4.0 與智慧機<br>械技術應用趨勢研<br>討會<br><br>The Trend of<br>Industry 4.0 and                | 台灣易格斯有<br>限公司<br><br>遠播資訊股份<br>有限公司<br>igus Taiwan                                       | 南港展覽館 1 館<br>505 會議室<br><br>Room 505,<br>Taipei Nangang<br>Exhibition                     | 孫桂芬小姐<br>KF Sun<br><br>+886-2-25855526<br><br>#225      |

|               |                     |   |   |   |  |
|---------------|---------------------|---|---|---|--|
|               |                     | Intelligent Machinery Technical Application Seminar     | Company Ltd. CTIMES                                       | Center, Hall 1  |  |
| 3/6<br>(Wed.) | 9:00<br> <br>11:00  | 永進機械代理商會議<br>YCM Dealer Meeting                         | 永進機械工業股份有限公司<br>Yeong Chin Machinery Industries Co., Ltd. | 南港展覽館 1 館<br>401 會議室<br>Room 401,<br>Taipei Nangang Exhibition Center, Hall 1   | 陳家欣小姐<br>Claire Chen<br>+886-4-25623211<br>#1812   |
| 3/6<br>(Wed.) | 10:30<br> <br>12:00 | 選擇美國投資研討會 - 錢進美國教戰守則                                    | 美國在台協會商務組<br>臺灣機械工業同業公會<br>AIT<br>TAMI                    | 南港展覽館 1 館<br>501 會議室<br>Room 501,<br>Taipei Nangang Exhibition Center, Hall 1   | Jackie Hong<br>+886-2-27201550<br>#334             |
| 3/6<br>(Wed.) | 13:00<br> <br>17:00 | 新產品說明會<br>New Product Launch                            | 喬歲進科技股份有限公司<br>Vision Wide Tech Co., Ltd.                 | 南港展覽館 1 館<br>502 會議室<br>Room 502,<br>Taipei Nangang Exhibition Center, Hall 1   | 黃惇密小姐<br>Michelle Huang<br>+886-4-22712000<br>#231 |
| 3/6<br>(Wed.) | 13:00<br> <br>17:00 | 程泰集團年度產品發表會<br>Goodway Group New Product Launch Event   | 程泰集團<br>Goodway Group                                     | 南港展覽館 1 館<br>504a 會議室<br>Room 504a,<br>Taipei Nangang Exhibition Center, Hall 1 | 江苡璉小姐<br>Lisa Chiang<br>+886-4-24629698<br>#62107  |
| 3/6<br>(Wed.) | 13:30<br> <br>16:30 | 礦物複合材料(人造花崗石)在機械領域的應用<br>Application of mineral casting | 山東納諾新材料科技有限公司<br>Shandong Nano Advanced                   | 南港展覽館 1 館<br>404 會議室<br>Room 404,<br>Taipei Nangang Exhibition                  | 崔美麗小姐<br>+86-531-88917773                          |

|               |                     |  |  |  |  |
|---------------|---------------------|--|--|--|--|
|               |                     | (polymer composite) in machinery field                           | Materials Technology Co., Ltd.                                       | Center, Hall 1   |  |
| 3/6<br>(Wed.) | 13:30<br> <br>17:00 | 中國砂輪新產品發表會   | 中國砂輪企業股份有限公司<br>KINIK COMPANY  | 世貿一館<br>第 2 會議室<br>Conference Room 2,<br>TWTC<br>Exhibition Hall 1                       | 王文仁先生<br>+886-2-26791931<br>#3309      |
| 3/7<br>(Thu.) | 8:00<br> <br>17:00  | 直得科技新品說明會  | 直得科技股份有限公司<br>Chieftek Precision Co., Ltd.                           | 南港展覽館 1 館<br>3 樓福軒<br>Room Happiness, 3F,<br>Taipei Nangang<br>Exhibition Center, Hall 1 | 李家慶先生<br>+886-6-5055858#<br>162        |
| 3/7<br>(Thu.) | 8:00<br> <br>17:00  | Bfuture 全球新品發布會<br>Bfuture Global Launch & Products Announcement | 慶鴻機電工業股份有限公司<br>Ching Hung Machinery & Electric Industrial Co., Ltd. | 南港展覽館 1 館<br>402c 會議室<br>Room 402c,<br>Taipei Nangang<br>Exhibition Center, Hall 1       | 林盈函小姐<br>+886-4-23509188<br>#527       |
| 3/7<br>(Thu.) | 8:00<br> <br>17:00  | 「2019 年台北國際工具機展」高中職、大專、大學、研究所導覽活動                                | 機械公會<br>TAMI   | 南港展覽館 1 館<br>500 會議室<br>Room 500,<br>Taipei Nangang<br>Exhibition Center, Hall 1         | 黃雅華小姐<br>+886-2-23494672               |
| 3/7<br>(Thu.) | 8:00<br> <br>17:00  | 發格控制器及光學尺產品介紹<br>Fagor CNC & Feedback Systems Products           | 發格自動化股份有限公司<br>Fagor Automation Taiwan Co., Ltd.                     | 南港展覽館 2 館<br>602 會議室<br>Room 602,<br>Taipei Nangang<br>Exhibition                        | 溫恕民先生<br>Samuel Wen<br>+886-4-23851558 |

|               |                     | Introduction   |  | Center, Hall 2   |   |
|---------------|---------------------|--|--|--|---|
| 3/7<br>(Thu.) | 13:30<br> <br>17:00 | 2019 台北國際工<br>具機展 GLORIA 智<br>慧製造創新應用論<br>壇<br>GLORIA<br>2019@TIMTOS<br>Intelligent<br>Manufacturing and<br>Innovation Forum | 科技部<br>外貿協會<br>機械公會<br>MOST<br>TAITRA<br>TAMI  | 南港展覽館 1 館<br>402ab 會議室<br>Room 402ab,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1        | 郭瑀琰小姐<br>Jessica Guo<br>+886-2-25774249<br>#827 |
| 3/7<br>(Thu.) | 14:00<br> <br>16:00 | 液壓系統節能技術<br>與切削冷卻液之過<br>濾處理<br>Energy Saving<br>Technology for<br>Hydraulic System<br>and Filtration of<br>Cooling Lubricant | 台灣賀德克技<br>術有限公司<br>得霖企業有限<br>公司<br>HYDAC<br>Technology Ltd.<br>Sterling TSI Co.,<br>Ltd. | 南港展覽館 1 館<br>502 會議室<br>Room 502,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1            | 楊雅淑小姐<br>Jojo Yang<br>886-4-22602278            |
| 3/7<br>(Thu.) | 14:00<br> <br>16:00 | 研磨加工品質、效<br>率的確保與提升<br>Improving the<br>quality and<br>efficiency of<br>grinding processing                                  | 忠達貿易有限<br>公司<br>Join Star<br>Trading Co.,<br>Ltd.  | 南港展覽館 1 館<br>505b 會議室<br>Room 505b,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1          | 張怡婷小姐<br>Jamie Chang<br>+886-2-29115226<br>#607 |
| 3/8<br>(Fri.) | 8:00<br> <br>17:00  | 直得科技新品說明<br>會  | 直得科技股份<br>有限公司<br>Chieftek<br>Precision Co.,<br>Ltd.                                     | 南港展覽館 1 館<br>3 樓福軒<br>Room<br>Happiness, 3F,<br>Taipei Nangang<br>Exhibition<br>Center, Hall 1 | 李家慶先生<br>+886-6-5055858#<br>162                 |
| 3/8<br>(Fri.) | 8:00<br> <br>17:00  | Bfuture 全球新品<br>發布會<br>Bfuture Global  | 慶鴻機電工業<br>股份有限公司<br>Ching Hung   | 南港展覽館 1 館<br>402c 會議室<br>Room 402c,  | 林盈函小姐<br>+886-4-23509188<br>#527                |

|               |                     |  |  |   |  |
|---------------|---------------------|--|--|---|--|
|               |                     | Launch & Products Announcement   | Machinery & Electric Industrial Co., Ltd.                                  | Taipei Nangang Exhibition Center, Hall 1                                      |  |
| 3/8<br>(Fri.) | 8:00<br> <br>17:00  | 「2019年台北國際工具機展」高中職、大專、大學、研究所導覽活動   | 機械公會<br>TAMI   | 南港展覽館 1 館<br>500 會議室<br>Room 500,<br>Taipei Nangang Exhibition Center, Hall 1 | 黃雅華小姐<br>+886-2-23494672                     |
| 3/8<br>(Fri.) | 8:00<br> <br>17:00  | 發格控制器及光學尺產品介紹<br>Fagor CNC & Feedback Systems Products Introduction            | 發格自動化股份有限公司<br>Fagor Automation Taiwan Co., Ltd.                           | 南港展覽館 2 館<br>602 會議室<br>Room 602,<br>Taipei Nangang Exhibition Center, Hall 2 | 溫恕民先生<br>Samuel Wen<br>+886-4-23851558       |
| 3/8<br>(Fri.) | 9:30<br> <br>18:00  | 智慧製造論壇   | 流線傳媒股份有限公司<br>外貿協會<br>Fusionmedium<br>TAITRA                               | 世貿一館<br>第 4、5 會議室<br>Conference Room 4,5,<br>TWTC<br>Exhibition Hall 1        | 林淑靜小姐<br>Sica Lin<br>+886-2-87715865<br>#180 |
| 3/8<br>(Fri.) | 9:30<br> <br>14:00  | 迪普馬移動解決方案產品培訓研討會<br>Duplomatic Motion Solution Product Training and Conference | 迪普馬移動解決方案集團公司<br>羅昇企業股份有限公司<br>Duplomatic MS S.p.A<br>Ace Pillar Co., Ltd. | 南港展覽館 1 館<br>502 會議室<br>Room 502,<br>Taipei Nangang Exhibition Center, Hall 1 | 吳容睿小姐<br>+886-2-29958400<br>#1232            |
| 3/8<br>(Fri.) | 10:00<br> <br>17:00 | 中興大學與精密機械研究發展中心<br>智慧機械產學論壇  | 國立中興大學財團法人精密機械研究發展   | 南港展覽館 1 館<br>403 會議室<br>Room 403,   | 葉湘琳小姐<br>+886-4-22858139                     |


|               |                     |   |  |   |   |
|---------------|---------------------|---|--|---|---|
|               |                     | 技術成果發表會   | 中心   | Taipei Nangang Exhibition Center, Hall 1                                      |   |
| 3/8<br>(Fri.) | 13:00<br> <br>16:00 | 活用 3D 列印與 3D 量測科技，邁入 3D 智能檢測時代<br>3D Printing+3D Scanning           | 馬路科技顧問股份有限公司<br>Road Ahead Technologies Consultant Corp. | 南港展覽館 1 館<br>404 會議室<br>Room 404,<br>Taipei Nangang Exhibition Center, Hall 1 | 林雨潔小姐<br>Evelyn Lin<br>+886-2-2999-6788<br>#284 |
| 3/9<br>(Sat.) | 8:00<br> <br>17:00  | 「2019 年台北國際工具機展」高中職、大專、大學、研究所導覽活動                                   | 機械公會<br>TAMI   | 南港展覽館 1 館<br>500 會議室<br>Room 500,<br>Taipei Nangang Exhibition Center, Hall 1 | 黃雅華小姐<br>+886-2-23494672                        |
| 3/9<br>(Sat.) | 8:00<br> <br>17:00  | 發格控制器及光學尺產品介紹<br>Fagor CNC & Feedback Systems Products Introduction | 發格自動化股份有限公司<br>Fagor Automation Taiwan Co., Ltd.         | 南港展覽館 2 館<br>602 會議室<br>Room 602,<br>Taipei Nangang Exhibition Center, Hall 2 | 溫恕民先生<br>Samuel Wen<br>+886-4-23851558          |

\* Subject to change without notice. 如有修正，以現場實際狀況為準，不另通知。



**TIMTOS**

27<sup>th</sup> Taipei Int'l Machine Tool Show

Taipei International Machine Tool Show 

**2019**

**March 4 - 9**

# 產業統計資料

# INDUSTRY STATISTICS



**表一、2018 年臺灣機械出口主要國家統計分析表**  
**Table (1) Exports of Taiwan General Machinery in 2018 by Destination**

金額單位(Unit)：US\$1,000

| 排名<br>Rank | 出口國家/地區<br>Country | 2018 年            |                | 2018 年<br>2017 年<br>Change(%) |
|------------|--------------------|-------------------|----------------|-------------------------------|
|            |                    | 金額 Value          | 佔%             |                               |
| 1          | 中國大陸 China         | 8,029,244         | 29.30%         | 3.30%                         |
| 2          | 美國 USA             | 4,844,562         | 17.70%         | 18.30%                        |
| 3          | 日本 Japan           | 2,041,441         | 7.50%          | 23.10%                        |
| 4          | 韓國 Korea           | 1,065,490         | 3.90%          | -6.8                          |
| 5          | 越南 Vietnam         | 1,023,215         | 3.70%          | -2.00%                        |
| 6          | 德國 Germany         | 692,178           | 2.50%          | 0.00%                         |
| 7          | 荷蘭 Netherlands     | 691,467           | 2.50%          | 47.10%                        |
| 8          | 香港 Hong Kong       | 669,692           | 2.40%          | 22.40%                        |
| 9          | 泰國 Thailand        | 656,734           | 2.40%          | -0.40%                        |
| 10         | 印度 India           | 643,628           | 2.30%          | 12.70%                        |
| 11         | 新加坡 Singapore      | 617,536           | 2.30%          | 11.90%                        |
| 12         | 印尼 Indonesia       | 557,935           | 2.00%          | -9.10%                        |
| 13         | 馬來西亞 Malaysia      | 465,601           | 1.70%          | 5.90%                         |
| 14         | 澳洲 Australia       | 409,782           | 1.50%          | 9.20%                         |
| 15         | 土耳其 Turkey         | 383,077           | 1.40%          | 17.10%                        |
| 16         | 英國 U. K.           | 299,734           | 1.10%          | -5.50%                        |
| 17         | 菲律賓 Philippines    | 268,869           | 1.00%          | -8.40%                        |
| 18         | 墨西哥 Mexico         | 268,685           | 1.00%          | 3.30%                         |
| 19         | 俄羅斯 Russia         | 221,460           | 0.80%          | 0.60%                         |
| 20         | 巴西 Brazil          | 130,200           | 0.50%          | 20.30%                        |
| 21         | 聯合大公國 U.A.E.       | 116,629           | 0.40%          | 5.30%                         |
|            | 其他 Others          | 3,303,841         | 12.10%         |                               |
|            | <b>合計 Total</b>    | <b>27,401,000</b> | <b>100.00%</b> | <b>7.20%</b>                  |

資料來源：海關進出口統計月報，TAMI

**表二、2018 年臺灣工具機出口主要國家統計分析表**  
**Table (2) Exports of Taiwan Machine Tools in 2018 by Destination**

金額單位(Unit)：US\$1,000

| 排名<br>Rank | 出口國家/地區<br>Country | 2018 年           |                | 2018 年~<br>2017 年<br>Change (%) |
|------------|--------------------|------------------|----------------|---------------------------------|
|            |                    | 出口額<br>Value     | %              |                                 |
| 1          | 大陸 China           | 1,154,886        | 31.60%         | 2.00%                           |
| 2          | 美國 USA             | 477,865          | 13.10%         | 29.20%                          |
| 3          | 土耳其 Turkey         | 159,157          | 4.40%          | 11.70%                          |
| 4          | 印度 India           | 158,042          | 4.30%          | 43.60%                          |
| 5          | 泰國 Thailand        | 138,106          | 3.80%          | 14.20%                          |
| 6          | 荷蘭 Netherlands     | 135,862          | 3.70%          | 43.00%                          |
| 7          | 越南 Vietnam         | 122,685          | 3.40%          | 13.50%                          |
| 8          | 德國 Germany         | 117,186          | 3.20%          | -5.20%                          |
| 9          | 日本 Japan           | 102,908          | 2.80%          | 30.80%                          |
| 10         | 義大利 Italy          | 102,489          | 2.80%          | 14.60%                          |
| 11         | 俄羅斯 Russia         | 97,592           | 2.70%          | 2.50%                           |
| 12         | 馬來西亞 Malaysia      | 81,620           | 2.20%          | 0.30%                           |
| 13         | 韓國 Korea           | 78,620           | 2.20%          | -21.10%                         |
| 14         | 印尼 Indonesia       | 64,555           | 1.80%          | 24.40%                          |
| 15         | 英國 U.K.            | 62,549           | 1.70%          | 8.60%                           |
| 16         | 墨西哥 Mexico         | 38,086           | 1.00%          | -4.80%                          |
|            | 其他 Other           | 563,898          | 15.40%         |                                 |
|            | <b>合計 Total</b>    | <b>3,656,106</b> | <b>100.00%</b> | <b>9.50%</b>                    |

資料來源：海關進出口統計月報，TAMI