



# Hong Kong Screw & Fastener Council Held International Technical Forum

June 23, 2022, Hong Kong Screw & Fastener Council held an international technical forum on "Promoting Intelligent Composite Processing Technology to Expand the High-Value-Added Fastener Market" at Hong Kong Productivity Council (HKPC), which invited fastener industry relevant people to participate and was broadcasted online at the same time. The event was supported by Hong Kong Auto Parts Industry Association, Hong Kong Aviation Industry Association, Hong Kong Federation of Innovative, Technologies and Manufacturing Industries, and Hong Kong Critical Components Manufacturers Association.

Mr. Ng Hung Kiu, Executive Vice Chairman of Hong Kong Screw & Fastener Council, said in his speech, "The purpose of this forum is very clear. It is to share the world's most advanced technology and smart management system trend with the industry and help the industry to improve its competitiveness. We will keep investing more resources to create more opportunities for people in the industry to communicate with the outside world, expand business, learn and improve technology. Meanwhile, we also encourage each manufacturer to dive in the upgrade and transformation of Industry 4.0 according to their actual operation conditions. The future must be the smart manufacturing era."

Chairman Mr. Tsui Ping Fai expressed, "Screw, hailed as 'the root of the industry', owns a special and critical role in manufacturing industry. The Hong Kong screw industry has strict and cautious implementation standards for production, quality control, and goods delivery, which depends on not only the accumulation of years of experiences and knowledge in the industry, but also the solidarity of peers in the industry to communicate with each other and adhere to self-learning and improvement. To this end, the Council organized this event to provide the fastener industry with the latest and most comprehensive overseas market information. Lecturers from Hong Kong, Mainland China, Taiwan, Germany, Japan, and South Korea were invited to share the market situation, development opportunities and innovative application manufacturing technology of high value-added fasteners to comprehensively enhance the competitiveness



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of Hong Kong industry in expanding the overseas high-end market business and the core capabilities of advanced manufacturing, which maintain Hong Kong's excellent global leading level in the screw and fastener industry, and to establish the advantage of sustainable development."

The invited speakers from Hong Kong and abroad as well as their themes were: Chairman Tsui Ping Fai of Hong Kong Screw & Fastener Council (Hong Kong Screw Industry Development Trends and Successful Case Studies), Ms. Liu Fu-Mei of Eagle Metalware (Upgrade and Transformation of Intelligent Production for Hong Kong Screw Enterprises), Mr. Zhang Xian-Ming, senior engineer of Zhejiang Tianli Fastener (Application of Lightweight Materials/Technology in Customized Screws and Fasteners), Dr. Zhong Wei-De, manager of Industrial Technology Researcher Institute Mechanical and Mechatronics Systems Research Laboratories (Intelligent Manufacturing Upgrading Model of Taiwan Fastener Industry – Smart Machine Box (SMB) to Break Through the Bottleneck of Machine Networking), Dr. Jan Chia-Ming from Taiwan Metal Industries Research & Development Centre (Technology Upgrade Model of Taiwan Fastener Industry), Mr. Peter Li, senior sales engineer of Nifco (Latest Japanese Fastener Market Demand and Fastener Technical Development), Dr. Arfmann, CEO of CPM GbmH (Cold Heading Forming Technology and Dies Design), manager Tae Wan, Kim from R&D Department of Hyodong Machine (Advantages of Korean Connecting Rod Forming Technology and Case Sharing of Hot Forming Machine), and fastener expert Mr. Christoph Otto from Zmart (Market Demand of European Screw Industry and Integration of Industry 4.0 into Cold Forging Technology Application).

There was a Q&A time for experts and industry iconic figures to share ideas at the end of the event. Many participants said they have learned a lot, which writes a new chapter for Hong Kong Screw & Fastener Council on its way to intelligent composite processing technology and expanding the high value-added fastener market. ■

