

LEAP Expo 2023  
October 30 – November 1, 2023  
Shenzhen World Exhibition & Convention Center  
leapexpo.com

**LEAP** EXPO 华南国际智能制造、  
先进电子及激光技术博览会

Shenzhen, November 1, 2023  
Final Report

## **Experience the Power of Innovation and Intelligence: The Exhibition Ends with Phenomenal Success**

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The growth and technological innovation of the intelligent manufacturing industry is fueled by a myriad of factors: the development of 5G and new infrastructure, the emergence of "intelligence +" models based on the Internet, artificial intelligence, cloud computing, and related technologies, the digital transformation of enterprises, the iteration and update of energy sources, and the expansion of demand for high-frequency and intelligent electronic application terminals, along with the support from national policies of new energy, Internet of Things, and high-tech industries.

LEAP Expo, comprised of member exhibitions such as electronica South China, productronica South China, and LASER World of PHOTONICS SOUTH CHINA, and concurrent exhibition: VisionChina (ShenZhen) concluded successfully in Shenzhen today.

The exhibitions witnessed a total of **944** exhibitors showcasing their new products and solutions that attracted over **35,000** visitors on **90,000** square meters of exhibition space during three days. Visitors explored developments in various sectors of high-tech and innovative products such as semiconductors, embedded systems, sensors, power supplies, passive components, connectors, printed circuit boards, intelligent networks & new energy vehicles, automation and motion control, test and measurement, surface mounting, dispensing and chemical materials, wire harness processing, semiconductor packaging and manufacturing, miniLED packaging production lines, laser intelligent manufacturing and advanced light sources, laser + innovative intelligent manufacturing, laser + new energy and new energy vehicles, 3D cameras + sensors, AI+ visual inspection solutions, intelligent visual equipment, AI vision software, lenses + light sources + image grabbers , etc. At the show, visitors enjoyed a one-stop procurement experience in the electronics and intelligent manufacturing industry, immersing themselves in the South China market where opportunities and challenges coexist.

Mr. Stephen Lu, the Chief Operating Officer of Messe Muenchen Shanghai Co., Ltd., gave his opinion about the show, "The exhibition was a resounding success. As a comprehensive show featuring themed exhibition areas and demonstration of smart production lines, it allowed exhibitors to showcase their products and solutions on a diversified, efficient, novel, and immersive exchange platform. Customized exhibition

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services made it easier for visitors to find suitable suppliers and products. Its success is only made possible by the support and collaboration of exhibitors, visitors, partners, media and industry, and we are grateful for that. We will establish upstream and downstream interaction platforms that promote development and innovation within the manufacturing industry. Together with industry peers, LEAP Expo will continue to empower the industry and draw a fruitful blueprint for future.”

Integrate innovative technologies, expand popular applications, and showcase the allure of electronic technology.

- **electronica South China** opens the door to smart technology

electronica South China has brought together high-quality exhibitors from both domestic and international markets, including STMicroelectronics, Dossilicon, CR Micro, Geehy, Jiejie Microelectronics, HestiaPower, Mornsun, Keysight, Lumberg, DEGSON, CJTcoon , Kinwong, Sihui Fuji, and Champion Asia. Focusing on popular technology applications such as new energy vehicles, energy storage, data centers, smart cockpits, smart homes, wearables, industrial manufacturing, edge AI, and smart sensing, the show integrates innovation and brings a professional and valuable electronics industry feast to the electronics industry. The exhibition targets the application market demand of South China, and collaborates with industry partners to create multiple featured exhibition areas and activities that present applications and solutions in diversified forms, including the Hardcore Chip Hi-Tech Park, Smart Mobility Technology Pavilion, IoT Special Area, Car Lights Disassembly Area, and Automotive Electronics Match-making. Also, five themed visiting routes, including smart car, consumer electronics, power and new energy, internet of things, and smart industry, were specially planned to provide customized procurement experiences for visitors. Eight technology forums were organized about popular applications like car body electronics, smart cars, new energy vehicle EIC technologies, automotive chip technologies, embedded systems, the internet of things, industrial digitalization and carbon neutrality. Industry experts, enterprise representatives, and industry elites discussed future development and business opportunities.

**Liu Huang, Microcontroller Marketing Manager of STMicroelectronics referred :**

“This year's electronica South China covers diverse sections, such as MCU, automotive IC, and power supply IC, providing comprehensive services to customers. It is an important industry exhibition, and we hope it can flourish even more. ”

**Wei Gao, Vice President and General Manager of R&D Center of Chengdu Novus Semiconductors Co., Ltd. mentioned:** “electronica South China is an essential exhibition that we attend every year. It allows us to establish meaningful connections and

we have gained valuable insights this year. I hope to see the trade show continuously improve each year, and we look forward to participating again.”

Industrial upgrading unleashes new business opportunities, innovative technologies create new breakthroughs

- **productronica South China** boosts intelligent transformation of the industry

productronica South China focuses on flexible SMT and automatic assembly, intelligent measurement, dispensing technology, and harness processing, which are essential to new energy vehicles and factory automation. The famous enterprises like TE Connectivity, Eagleyes Vision Technology, Wingud Intelligent Technology, Silande High Technology, Scheugenpflug, CGXi Intelligent, Jodell Robotics, Shenhua, Skylark Qunke Intelligent Technology, Zhuomao, Beidi Synchronous Belt and Tianxing Measurement showcased their latest products and cutting-edge technology. To address the growing demand in the advanced packing market, the exhibition set up a MiniLED Packaging Line and Semiconductor Packaging and Manufacturing Area, highlighting miniLED packaging, SiP system-in-package, and IGBT module packaging. The exhibition aimed to encourage supply chain resource complementarity, promote industrial integration, and provide diversified and integrated innovative solutions to the electronic manufacturing industry. Additionally, several forums like new energy vehicle wiring harness and connection technology Forum, IGBT packaging technology and application forum of component packaging forum, 2023 advanced electronic dispensing and adhesive technology Forum, energy storage, new energy vehicles, and intelligent manufacturing technology innovation conference were organized, highlighting technological innovation, new application needs, and industry development trends. The audience responded enthusiastically.

**Jianuo He, Sales Manager (East China) of TE Connectivity referred to the exhibition:**

“As the electronics manufacturing industry continues to grow rapidly, the scale and influence of the productronica South China are also expanding. The exhibition has attracted an increasingly larger number of enterprises, reinforcing our hope for continued high-quality communication opportunities within industry. It is anticipated that more customers will join the exhibition, fostering cooperation, exchange, development, and innovation, and empowering the local automobile market.”

**Guoyou Liu, Deputy General Manager of Marketing (South China) of Changguangxi Intelligent Manufacturing (Wuxi) Co., Ltd. expressed:** “We would like to express our warm congratulations on the successful opening of productronica South China 2023. This exhibition not only showcases the latest technological advancements and products in the field of electronics manufacturing equipment but also serves as a vital communication platform for the global electronics manufacturing industry. We have seen

impressive innovations, such as automated production lines, intelligent storage systems, and new welding equipment. These technologies enhance manufacturing efficiency, quality, and sustainability. Furthermore, we appreciate the exhibition's emphasis on intelligent manufacturing and digital transformation trends. As key players in smart manufacturing and digital transformation, we understand the impact and opportunities that such trends bring to the electronics manufacturing industry. We firmly believe that continuous technological innovation and upgrades are necessary to stay competitive in the market.”

Unleash manufacturing potentials, enhance industrial innovation, and empower intelligent manufacturing.

- **LASER World of PHTONICS SOUTH CHINA** supports the industry and its intelligent transformation

At the exhibition, renowned manufacturers such as IPG, TRUMPF, HAN'S LASER, BWT, INTE LASER, MotionSmart, YINGUAN, BOCHU, Maxphotonics, Raycus, EVERBRIGHT, FEIBO, and Key & Core Technology Innovation Institute of the Greater Bay Area gathered to showcase their laser processing innovations in various application scenarios. The exhibition focused on green technology, digital processes, artificial intelligence, carbon peak and carbon neutrality in the new energy industry chains, and the sustainable development of enterprises (ESG). The exhibition aims to drive innovation, unlock manufacturing potential, and demonstrate how laser technology empowers intelligent manufacturing. Multiple exhibition sectors including laser intelligent manufacturing, light sources, detection and supporting equipment, laser + innovative intelligent manufacturing, and laser + new energy and new energy vehicles contributed to the development of the new energy industry and the efficient manufacturing of new energy vehicles by strengthening innovations and triggering manufacturing upgrades. The "Laser + Tour" and "Start-up Zone" were reintroduced to promote the in-depth learning of technological innovation, and support start-ups to expand their brand influence. At two industrial conferences, the “Laser technologies innovations continue to enable intelligent manufacturing” and “New energy vehicle laser "intelligent" manufacturing technology forum”, industry experts demonstrated the application of laser processing technology in intelligent manufacturing and new energy vehicles, while discussing the latest trends in the global laser, intelligent equipment, and new energy industry.

**Junhui An, Sales Director of Sales Center (South China) of Han's Laser delivered his opinion:** “The laser industry in South China exhibits vibrant activity, with a wide application scope in areas such as laser cutting, welding, 3C electronics, new energy, and power batteries. The LASER World of PHOTONICS SOUTH CHINA provides an ideal

platform for laser companies to engage in healthy competition, drive technological progress, and meet the demands of new applications.”

**Ming Jiang, Director of Sales of Marketing Center of Maxphotonics Co., Ltd. said:**

“LASER World of PHOTONICS SOUTH CHINA has revealed the continuous expansion of laser technology's application scope. Laser welding, in particular, is experiencing rapid development, with customers increasingly demanding higher technical specs and demands, services, and performance.”

Market demand generates new growth engine and technological innovation accelerates industrial transformation

- **VisionChina (ShenZhen)** focuses on visual-technology empowerment to promote industrial intelligence and digitalization

Concurrent exhibition : VisionChina (ShenZhen) hosted outstanding machine vision brands from all around the world, including LMI Technologies, Aqros Technology, MEGA PHASE, Jiali Automation, MindVision, HQ-Vision, Hypersen, CAS Theseus, Coolens Technology, Numethod , etc. The exhibition aptly demonstrated the advantages of machine vision technology in detection, identification, and positioning. While leveraging the power of 5G, it demonstrated strong potential that can help exhibitors secure opportunities in the upstream and downstream industrial chain, boosting their cross-border collaboration and technical exchange. With the consistently increasing demand for artificial intelligence, and the expansion of 3D vision applications, machine vision technology has become a significant growth engine for the industry. The support forums, focusing on “AI+3D Vision Promotes Traditional Manufacturing Transformation and Empowers Intelligent Manufacturing for Future Upgrading” presented expert opinions on cutting-edge technology and market applications of machine vision technology within intelligent manufacturing scenarios, including 5G, artificial intelligence, edge computing, electronics, semiconductors, medical and other fields. VisionChina (ShenZhen) stimulated innovation vitality among enterprises, and offered an exceptional opportunity for the industry to explore and enhance the intelligent industrial manufacturing transformation.

**Pengfei Li, Deputy General Manager, Intelligent Vision Device Product Department of LUSTER LightTech Co., Ltd. told us:** “Since the inaugural edition of VisionChina (ShenZhen), we has actively engaged in every session. My biggest impression from this year's event is the high level of professionalism among the customers who visited our booth, as well as their increasing depth of understanding of technology. These changes are clearly visible. Therefore, the preparations for our participation in the exhibition have

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demanded a higher commitment than ever before, as we must develop solutions that directly tackle the challenges our customers face. I believe this year's exhibition has made a remarkable outcome.”

**Xuerui Wang, Deputy Marketing Director of Basler Vision Technology (Beijing) Co., Ltd. said:** “We participate in VisionChina (ShenZhen) every year. We recognize the location advantages of the Guangdong-Hong Kong-Macao Greater Bay Area and the concentration of our customers in this area, particularly in Shenzhen. Participating in VisionChina (ShenZhen) enables us to present Basler's latest products, technologies, and solutions to customers and establish strong connections with them. We consider this exhibition an effective platform for publicity and will participate in it next year. Additionally, we eagerly await the market's recovery. Many machine vision enterprises develop innovative technologies through competition, contributing to the growth and prosperity of the machine vision market.”

The exhibition represents a significant leap forward in innovation, showcasing a diverse range of scenario-based applications and value-driven solutions. Its convenient one-stop solutions offer intuitive understanding of new products and technological advancements, along with rewarding industry analysis from leaders in the field. We extend our heartfelt gratitude to our partners, exhibitors, industry experts, visitors, visiting groups, and Media for their unwavering support and companionship. Together, we have achieved monumental breakthroughs surpassed expectations. As we look ahead to 2024, we anticipate renewing our collaboration with you in Shenzhen for another success.

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