

Application of Photonics Technology in Advanced Manufacturing Industry

Nowadays the global economy is under the pressure of transformation, and the manufacturing industry, a stabilizer of the economic system, is embracing unprecedented development opportunities. Being a focus of economic competition among countries, the manufacturing industry plays a vital role in the transformation and upgrading of the Chinese economy and the re-division of international labor. It advances the development of manufacturing and is the key measure to move our country's industry towards middle- and high-end sectors.

APE 2024 (Asia Photonics Expo) is a comprehensive exhibition covering the whole photonics industry chain. It will feature a special area for advanced manufacturing, showcasing machine vision, lasers, laser processing equipment, optical testing and measurement equipment, 3D printing and other related products and technologies. It is a one-stop solution platform where enterprises of industrial robots and industrial automation, automobile OEMs, and manufacturing enterprises can acquire upstream and downstream products, learn about innovative technology and conduct business connections.

APE 2024

Asia Photonics Expo

March 6-8, 2024

Marina Bay Sands Singapore

15,000
Exhibition Area

5,000+
Visitors

400+
Exhibitors

Exhibitor Profile



INFORMATION AND
COMMUNICATION



PRECISION OPTICS
& CAMERA



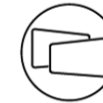
INTELLIGENT
SENSING



INFRARED
APPLICATIONS



LASERS TECHNOLOGY &
INTELLIGENT MANUFACTURING



DISPLAY
TECHNOLOGY

Exhibit Profile

Core Components

- Optical Lenses
- Cameras and Modules
- Filters
- Optical Materials (Coating Materials)
- Industrial Cameras
- Machine Vision
- Lasers
- Motion Servers
- Guide Rails
- Analyzers
- Laser Power Supply Galvanometers
- Sensors
- Lidar System and Solutions
- Lidar Core Components
- ...

Manufacturing

- Robots
- Laser Welding/Marking/Cutting/Cleaning/Scribing Equipment
- 3D Printing Equipment/System
- Lens Assembly and Testing Instruments
- Vacuum Coating Equipment
- Spectrometers
- Laser Interferometers
- Microscopes
- Dispensers
- Measurement Instruments/System
- Testing Machine
- Mounters
- Coupling Machines
- High-End Intelligent Equipment
- Motion Control Equipment
- ...

Target Visitors

Manufacturers of Auto Machine Equipment , Robots, Consumer Electronics, Automobiles, Aerospace Equipment, Semiconductors, etc.

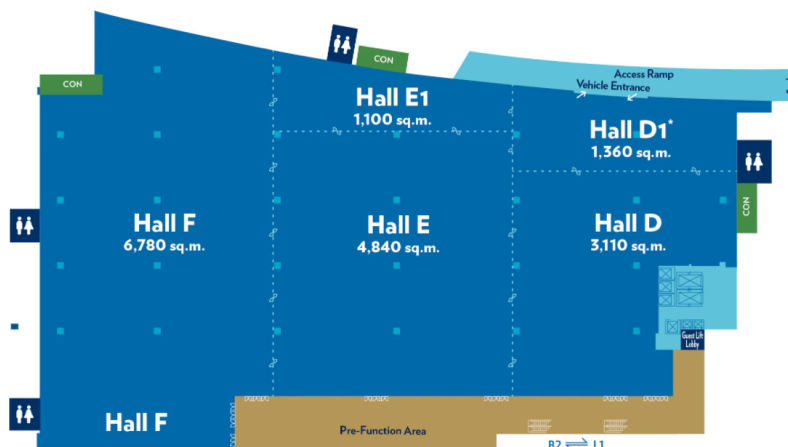
Key Exhibitors



FLOOR PLAN

EXHIBITION HALLS ON

B2
Floor Area 17,190 sq.m.



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