

PRESHOW GUIDE

APE 2024

6 – 8 March 2024

Sands Expo and Convention Centre
(Marina Bay Sands) Basement 2

Held in:



Brought to you by:



Supported by:





About APE

Asia Photonics Expo 2024 (APE 2024) will be held from **6 to 8 March 2024** at **Sands Expo and Convention Centre (Marina Bay Sands) Basement 2** - Asia's leading holistic photonics platform for branding and business connection, focusing on the latest cutting-edge innovative technologies and the emerging application markets in Asia, aiming to promote the in-depth communication and business collaboration between the photonics upstream and downstream. APE will be an ideal **one-stop sourcing platform for photonics in the international hub of Asian market**.

Highlights

➤ **Asia's Leading Event for Photonics Technologies & Emerging Applications.**

APE showcases the state-of-the-art technologies for the emerging application markets in Asia where its fast-growing photonics industry is driving by the rapid growth of the **data center, telecoms market, consumer electronics, advanced manufacturing, semiconductor** and **medical** industries.

➤ **One-stop Sourcing Platform for Photonics Products.**

APE gathers qualified photonics vendors in the holistic **supply chain of chips, components, devices, equipment and even application solutions**. It's a one-stop sourcing platform for buyers to look for new suppliers. Moreover, APE offers **FREE one-to-one business matchmaking** between buyers and vendors.

➤ **More Than an Exhibition, A Series of Forums are Presented.**

During APE 2024, a three-day **academic and industry forums** will be held to discuss forefront technologies, valuable insights and explore new trends across the photonics industry.

➤ **Networking Opportunities for New Partnership and Business Collaboration.**

APE is committed to empowering the photonics industry and application fields, building a high-quality communication, exchanging and learning platform. Concurrent with the show, there will be organized site tours to visit research institutes and corporate R&D centers, promoting in-depth communication and collaboration within the photonics industry.



- Optical Communication Chip
- Optical Communication Device
- Optical Communication Module
- Optical Communication Transmission Equipment
- Optical Fiber Materials
- Optical Fiber Cable/Fiber Sensing
- Semiconductor Materials
- Semiconductor Equipment and Manufacturing

- Lasers
- Laser Material & Component
- Laser Component
- Laser Equipment

- Display Material
- Display Panel/Module
- Display Manufacturing

- Optical Material and Component
- Optical Processing Equipment
- Optical Coating Material
- Optical Lens and Camera Module
- Optical Measuring Instrument
- Machine Vision and Industrial Automation
- AR/VR

- Industrial Sensor
- 3D Imaging & Sensing
- MEMS and Sensor
- LiDAR & Component

- Infrared Material
- Infrared Component
- Infrared Equipment and Imaging

Visitors' Profile



Energy



Partially listed in no order.



Partially listed in no order.



[>>> View more Exhibitors](#)



Product Preview – Optical Communication

Optical Communication Chips, Components and Modules

SUNSHINE TECHNOLOGIES

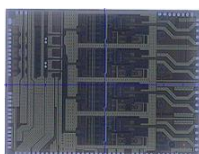
Booth No: DC-20



Single Layer Capacitor

MINISILICON

Booth No: DB-12



ms86040/ms87040
chipsets –for 200G
SR4/400G SR8 application

MINISILICON

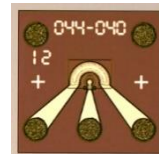
Booth No: DB-12



ms58050/ms22300
chip set – for 10G
ER/ZR Transceiver

WOORIRO

Booth No: EE-15



56Gbaud PIN
Photodiode Chip

SENKO

Booth No: EE-03



SN® Standard Optical
Connector

HIRUNDO OPTICS

Booth No: EE-52



400~2000nm
Laser Source

HIRUNDO OPTICS

Booth No: EE-52



Coupler+PLC Splitter
Hybrid Device

ARMORED OPTICAL

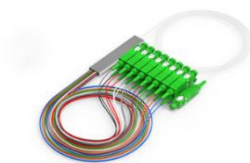
Booth No: DC-15



jumper coupler

YANGHE COMMUNICATION

Booth No: DD-05



Fiber optic splitter

ANHUI WANCHUANG

Booth No: EE-72



Insert cassette plc
splitter

HTD FIBERCOM

Booth No: DD-51



MPO/MTP Patchcord
/Cassette/High Density
Patch Panel

FI-CABLE

Booth No: DB-16



Single mode and
Multimode MPO/MTP

WOORIRO

Booth No: EE-15



56Gbaud PIN TIA
ROSA

HTD FIBERCOM

Booth No: DD-51



40G QSFP+ Module LR4 20km
Hot Pluggable Duplex LC
Connector 1310nm

XUBEN PHOTOELECTRIC TECHNOLOGY

Booth No: DC-55



FTTX PASSIVES

VSUNLIGHT

Booth No: DC-19



Compact CWDM



Product Preview – Optical Communication

Wiring Products / Optical Fiber Cable

SINDI TECHNOLOGIES
Booth No: DC-07、DC-17



Optical Distribution
Box

YAXUN
Booth No: DD-03



FTTH BOX

HTD FIBERCOM
Booth No: DD-51



100G QSFP28 to 4x25G
SFP28 Breakout Active
Optical Cable (AOC)

KRENO
Booth No: DA-53



optical fiber

KERUI COMMUNICATION
Booth No: DA-09、DA-10



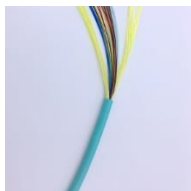
16 Core FTTH
Box

KETONG
Booth No: EF-72



Optical Distribution
Box

FI-CABLE
Booth No: DB-16



Fiber Optical Indoor
cable

HANXIN OPTOELECTRONIC
Booth No: EF-68



ADSS OPTIC FIBER
CABLE

YANGHE COMMUNICATION
Booth No: DD-05



Fiber optic splice closure

YOOHON
Booth No: DB-52



ODF

HANXIN OPTOELECTRONIC
Booth No: EF-68



FTTH

HONGGUANG CABLE
Booth No: EE-62



GYTS armoured
fiber optic cable

HONGYOU
Booth No: EE-63



YFDC-144B Fiber
Distribution Cabinet

UNION POLYMER MATERIAL
Booth No: DB-55



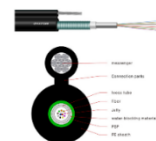
Heat shrink tube
for dome closure

HONGGUANG CABLE
Booth No: EE-62



GYXTW fiber optic cable

YINPU
Booth No: EE-78



GYXTC8S



Product Preview – Optical Communication

Optical Fiber Cable / Optical Communication Transmission Equipment / Semiconductor Material and Equipment

YIYUAN
Booth No: EG-58



Optical fiber cables

FI-CABLE
Booth No: DB-16



Fiber Patch cords

**XUBEN PHOTOELECTRIC
TECHNOLOGY**
Booth No: DC-55



Drop cable

YUXIN
Booth No: EF-52



FTTH Cable GJYXCH

V-SOLUTION
Booth No: DB-11



V1600GS: Single-
port GPON OLT

V-SOLUTION
Booth No: DB-11



HG325AX: 10G
EPON ONT

FH-NET OPTOELECTRONICS
Booth No: DB-07



XG(S)PON AX3000
ONT P56

FH-NET OPTOELECTRONICS
Booth No: DB-07



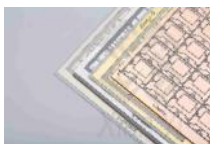
Industrial PoE Ethernet
Switch

SUNSHINE TECHNOLOGIES
Booth No: DC-20



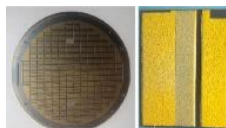
Ceramic
Substrates

XIANYI
Booth No: DA-41



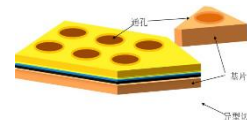
AMB Ceramic
Substrates

COREWAY OPTECH
Booth No: EH-52



Series E - COPPER
APPLICATION

COREWAY OPTECH
Booth No: EH-52



Series C —COMPLEX
METALLIZATION
APPLICATIONS

BOZHON
Booth No: DB-25



FastStar Series - High-
speed High-precision Die
Bonder

BOZHON
Booth No: DB-25



MicroStar Series - Fully
Automatic High Precision
Eutectic Die Bonder EF8621

MRSI AUTOMATION
Booth No: EF-23



MRSI-705 5-Micron
Die Bonder

**PRECISION INTELLIGENT
TECHNOLOGY**
Booth No: DC-10



DA1201-IC Linear High
Precision Die Attach



Product Preview – Optics/Laser/Infrared/Sensing/Display

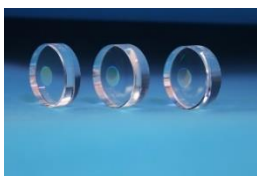
Optical Materials & Components

CRYSLASER INC
Booth No: EJ-23



Er,Yb:Glass

SNP PRECISION OPTICS
Booth No: FN-27



Ultra-high reflectivity
& ultra low loss mirror

GUANGDA OPTICS
Booth No: FT-01



Optical Prism

FOM
Booth No: EH-25



Hexagonal optical Rod

CHINA STAR OPTICS
Booth No: FQ-07



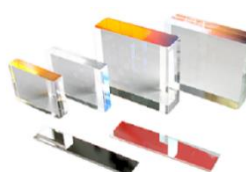
Optical Diffraction
Gratings

CLZ OPTICAL
Booth No: FP-02



Optical Dome

NOVELBEAM
Booth No: EK-17



IPL Filter Series

**HAIAN EDUCATIONAL
OPTICAL LENS FACTORY**
Booth No: EH-15



Optical glass components

WANSHIHE ELECTRONICS
Booth No: FN-20



Monitor Crystals QCM
sensors IR windows IR
filters Laser sensors

FIT OPTICAL
Booth No: EJ-30



Optical blank

WTS PHOTONICS
Booth No: FN-12



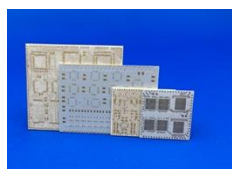
Laser components, High
damage threshold mirrors,
PBS&NPBS, windows

WTS PHOTONICS
Booth No: FN-12



Optics Lenses products
used for Machine vision,
Industry laser and medical

INNOVACERA
Booth No: FM-30



Ceramic Substrates
Thick Film Technology

NUOXIN
Booth No: FN-10



Compound Sputtering
Target

GLAS
Booth No: EH-55



Precision polishing
ball

HAORUI
Booth No: FQ-16



Red Polishing
powder



Product Preview – Optics/Laser/Infrared/Sensing/Display

Optical Components, Lenses & Modules, Cameras, IR Products

DONGJUN LASER
Booth No: EJ-22



Laser crystals

ULTRA PHOTONICS
Booth No: FM-07



Polarization Optics

YAGCRYSTAL
Booth No: EH-26



YAG rods ,YAG strips ,Mid-
infrared crystals,optics
lenses ,photodetectors

KOCANIC
Booth No: EJ-17



Flyeye lens

HEATSINK
Booth No: FP-11 FP-13



W-Cu heatspreader

WISOPTIC
Booth No: EL-21



DKDP (KD*P) Pockels Cell

XK PHOTONICS
Booth No: EL-19



RGB prism

**COMPOUND
SEMICONDUCTOR**
Booth No: EK-08



Diamond wafer

WTS PHOTONICS
Booth No: FQ-07



Infrared Optical Elements

AZURE PHOTONICS
Booth No: FN-07 FN-08



AZURE UV Lens

JSD OPTOELECTRONICS
Booth No: FQ-17



Machine vision lens

YIXIN PHOTONICS
Booth No: FM-12



Fisheye lenses

EVERBEST MACHINERY
Booth No: FP-19



Solar Energy
photovoltaic Industry
Testers

TUOGAN TECHNOLOGY
Booth No: EL-17



long-wave cryogenic-cooled
detector 6515L

AILI PHOTOELECTRIC
Booth No: FQ-19



AIRY DISK 204APO
telescope

NIT
Booth No: FN-17

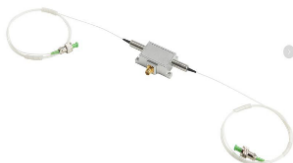


HiPe SenS - High
performance air-cooled
fan SWIR camera

Lasers, Laser Components And Modules



CSRAYZER
Booth No: EJ-15



Fiber coupled AOM

VCSEL Chips (Die)

DONGJUN LASER
Booth No: EJ-22



Eye-safe Laser Module



High Power Ultra Narrow Linewidth Laser

GAOYUE SCIENCE &
TECHNOLOGY
Booth No: FL-26



Pulsed High Power Laser Diodes



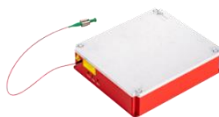
Tunable Narrow Linewidth Laser Modulation

ZIFENG PHOTONICS
Booth No: FR-20



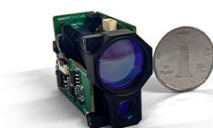
PanDo Q-Series UV laser

OPTIZONE
Booth No: EL-13



Seed Laser

LUMSPOT PHOTOELECTRIC
Booth No: EJ-16



Eye-safe 1535nm Laser Rangefinder Module

CRYSTECH INC.
Booth No: EK-25



Laser Module

FREEGES
Booth No: EK-16



voice coil actuator

[>>> View more Products](#)



Product Preview – Optics/Laser/Infrared/Sensing/Display

Optical Processing Equipment, Optical Measuring Instrument, Coating Equipment

MORINAGA
Booth No: FQ-13



Double-side Polishing/
Lapping Machine

BOHONGYUAN
Booth No: EK-19



32BF precision double-
sided surface grinding
machine/polishing machine

GUOTAI VACUUM
Booth No: EJ-29



Magnetron Sputtering
Coating Equipment

GUOTAI VACUUM
Booth No: EJ-29



Roll to Roll Coating
Equipment

YUNGKU TECHNOLOGY
Booth No: EK-14



Camera Module Active
Alignment Equipment

YUNGKU TECHNOLOGY
Booth No: EK-14



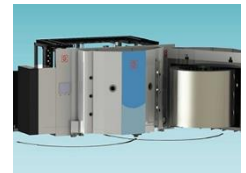
Dual Camera
Testing Fixture

3BEAM COATING
Booth No: FP-09 FP-07



electronic-beam
evaporation precision
optical coating machine

3BEAM COATING
Booth No: FP-09 FP-07



ICP magnetron
sputtering optical
coating machine

DAGONG INSTRUMENT
Booth No: EK-10



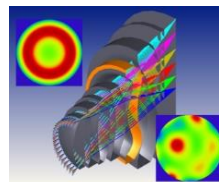
DG7060 Stereo Zoom
Microscope

RONGDE OPTICS
Booth No: FP-10



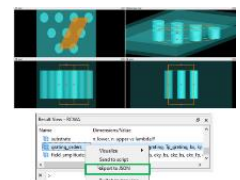
Incremental Encoder

CYBERNET
Booth No: EE-25



Ansys CAE Software

CYBERNET
Booth No: EE-25



Ansys Lumerical

[>>> View more Products](#)



International and Home-grown Technologies from companies based in Singapore

Partially listed in no order.



ANRITSU PTE LTD
Booth No: EE-06



MS9740B Optical Spectrum
Analyzer

ANRITSU PTE LTD
Booth No: EE-06



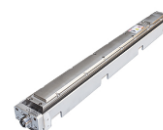
MT1040A Ethernet Tester

APP SYSTEMS
Booth No: EH-12



Umicore Coating Materials

APP SYSTEMS
Booth No: EH-12



Thin Film Deposition
Components

HAMAMATSU
Booth No: EF-10



LCOS-SLM(optical phase
modulator) X15213 series

HAMAMATSU
Booth No: EF-10



Small size
spectrometers

PI (PHYSIK INSTRUMENTE)
Booth No: EE-10



F-712.HA1 High-Precision
Active Alignment System

PI (PHYSIK INSTRUMENTE)
Booth No: EE-10



ECMsm 2 or 4 axis Motion
Controller with Integrated
Servo Drives

BOTE OPTICS
Booth No: DD-20



Spherical lens

BOTE OPTICS
Booth No: DD-20



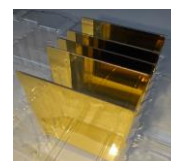
Scanning Lens

OPTO PRECISION
Booth No: EG-16D



Polymer Optics

OPTO PRECISION
Booth No: EG-16D



High-reflectivity
Optical Mirrors



The image shows two perspectives of the K-8000 sensor module. The left view displays the front face, which features a large, clear, circular lens. The right view shows the side profile, revealing a green Ethernet port and a smaller circular connector. Both views show the black top surface with the 'K' logo and 'K-8000' model number.



Sintered Optics, Inc.

**INNOVATIVE SOLUTIONS
FOR OPTICS AND PHOTONICS**

**LASER OPTICS
IMAGING LENSES
CUSTOM LENSES**

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HTA of Optical Archaives Group

▶▶▶ Software - How can I handle the Optical Archaives Data?

OPTICAL TABLES

OPTICAL TABLE WITH PNEUMATIC SUPPORT

PNEUMATIC COLUMNS
Reduce floor vibration transmission
Adjustable level

OPTICAL TABLE WITH RIGID SUPPORT

VIBRATION DAMPING LAYERS
Prevents reaction table surface

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Europe Pavilion

Partially listed in no order.



DOPA
Booth No: FN-15



Sapphire, YAG &
customized shapes

DOPA
Booth No: FN-15



DGM1500

HOLOEYE
Booth No: FN-20



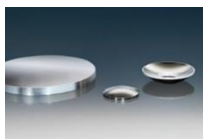
Standard Diffractive
Optical Elements

HOLOEYE
Booth No: FN-20



New broadband version of
analog ERIS Spatial Light
Modulator

ASPHERICON GMBH
Booth No: FM-21



UV/VIS/IR Aspheric
Optics / Mirrors

CHROMA
Booth No: FN-16



Machine Vision Filters

**IMT MASKEN UND
TEILUNGEN AG**
Booth No: FM-15



LifeScience&Diagnostics
MEMS

EAGLEYARD
Booth No: FM-20



DFB laser diodes

**NEW IMAGING
TECHNOLOGIES (NIT)**
Booth No: FN-17



SenS 1280 - HD resolution
SWIR camera

SCIL
Booth No: FN-19



AutoSCIL

I-PHOTONICS UAB
Booth No: FM-18



MERIDIAN Plasma Assisted
Reactive Magnetron
Sputtering (PARMS) system

I-PHOTONICS UAB
Booth No: FM-18



DIAMANTA vacuum
system with PECVD
technology

[>>> View more Products](#)



Conference List

Date	Conference	Price	Language
2024 Asia Photonics Expo Opening Ceremony			
6 March	2024 Asia Photonics Expo Opening Ceremony	FREE	EN
Asia Photonics Industry Development Forum			
6 March 13:00 - 15:00	Next-Generation Data Center Optical Interconnect Technology Evolution Forum	FREE	EN
6 March 15:30 - 17:30	Ultra Precision, Micro Nano Processing and Optical Testing Forum	FREE	EN
7 March 10:30 - 12:30	Optical Technologies and Applications in Pan-Semiconductor Processing Forum	FREE	EN
7 March 13:00 - 15:00 15:30 - 17:30	Technological Comparison of 400G Optical Transceivers	FREE	EN
Asia Light Conference Plenary Speech			
6 March	Asia Light Conference Plenary Speech	FREE	EN
2024 Asia Light Conference			
6 - 8 March	Tracks: 1. Micro and Nanophotonics I 2. Micro and Nanophotonics II 3. Topological Photonics 4. Quantum Photonics 5. Nonlinear Photonics and Functional Lasers 6. Tunable Optoelectronics 7. Advanced Manufacturing 8. Nano Materials and Luminescence 9. Terahertz Optoelectronics 10.Biophotonics and Medical Optics	Paid	EN
More Events			
6 March 10:30-12:30	Made In China	FREE	EN
6 March 13:30-15:00 15:30-17:30	EPIC- Tech Watch	FREE	EN
7 March 9:00-13:30	Lux Consortium Conference (Invitation Only)	FREE	EN

*Subject to final version on site

[>>>Conference List up to date](#)



2024 Asia Light Conference

>>>More Details

>>>More Details

>>>Agenda

>>> Agenda

>>> Submit Sourcing Request



Hotel Reservation

Burnaby Solutions Pte Ltd (a licensed travel agency with Singapore Tourism Board)

Service Hotline: +65 69110855

Email: enquiry@burnaby-solutions.com

Hotel Reservation Website:

https://register.burnaby-solutions.com/v2/booking/step1_all/352

Traffic Guide

Sands Expo and Convention Centre (Marina Bay Sands) Basement 2

Address: 10 Bayfront Avenue, Singapore 018956

➤ Metro

Marina Bay Sands is located at Bayfront MRT station (CE1/DT16).

MRT services to/from Bayfront MRT station operate daily from approximately 6am to 12am midnight. The station connects to the Circle and Downtown Line of Singapore's Mass Rapid Transit (MRT) train system.

MRT Exits:

Exit C & D:

Sands Expo & Convention Centre (3-minute walk)

Exit E:

Sands Expo & Convention Centre

➤ Car & Taxi

Pick-Up/Drop-Off Points:

Outside Sands Expo & Convention Centre

➤ Car Park Entrance

Bayfront Link, next to Sands Expo & Convention Centre (South Entrance)



Make it EPIC!

Driving Competitiveness of
European Photonics Industry
with an International Network

JOIN US AT APE 2024

6 – 8 March 2024

Sands Expo and Convention Centre
(Marina Bay Sands) Basement 2



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#APE2024 in    

www.asiaphotonicsexpo.com

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& CONVENTION BUREAU**