

APE | Asia
Photonics
Expo

Held in:



Brought to you by:



Supported by:



APE 2025

ASIA PHOTONICS EXPO

5-7 March 2025, Sands Expo and Convention Centre (Marina Bay Sands) Level 1

www.asiaphotonicsexpo.com

About APE

Asia Photonics Expo (APE) is a premier event in the field of photonics, offering a comprehensive platform for businesses to showcase their brand and foster connections in the industry. The expo will take place at **Sands Expo and Convention Centre** in Singapore from **5 to 7 March 2025**.

APE focuses on highlighting the latest advancements and innovations in **optical communication, optics, laser technology, sensing, display, and infrared applications**. The event aims to facilitate meaningful discussions and collaborations between professionals across the photonics supply chain.

By being held in **Singapore**, a prominent international trade hub in Asia, APE provides an excellent opportunity to explore and tap into the Asian markets. It serves as a gateway for businesses to enhance their brand visibility and expand their reach into new territories.

APE 2024 Facts & Figures:

Exhibition Areas: **150,000** m²

Exhibitors: **350**

Forums: **24**

Visitors: **4,478**

Delegations: **20**

Countries and Regions: **76**

Source: [APE 2024 POST SHOW REPORT](#)

APE 2025

15,000 m²
Exhibition Size

400
Exhibitors
(Projected)

5,000
Visitors
(Projected)

Why Exhibit

1

Connect with customers and meet new prospects in APE

APE is where the industry goes to learn, network, showcase new technologies, forge partnerships and close deals. Join industry-leading companies and connect with industry players that understand the value of face-to-face marketing and have positioned themselves in this lucrative marketplace.

2

Immense market potential in Southeast Asia to explore

Southeast Asia is experiencing rapid economic growth, with countries like Singapore, Malaysia, Thailand, Indonesia, and Vietnam as major players. It's driving the demand for advanced technologies and solutions to support industries like telecommunications, manufacturing, healthcare, and consumer electronics. High quality buyers will help you to drive the sales.

3

A dynamic networking platform for partnership seeking and business matching

APE organizes networking events like site tours, gala dinner and more to attract industry professionals like investors, entrepreneurs, executives and researchers from the photonics sector. This brings tremendous opportunities to connect with potential customers and business partners, fostering valuable networking and collaboration.

4

Concurrent conferences bring insights on market trends and technology advancements

APE hosts series of academic, industry and application conferences and invite experts, thought leaders and industry professionals to share insights, research findings and market trend analysis. It allows attendees to gain valuable industry information, latest trends and challenges in the photonics industry.

Why Singapore

Strategically located in Asia, Singapore is a leading international financial centre. It not only has a stable and business-friendly environment, but also world-class exhibition facilities and high-quality services. It has the most extensive free trade agreement network in Asia, having signed bilateral free trade agreements with as many as 13 countries and regions, and participating in a number of regional free trade agreements.

1 *It is a Key Trade and Business hub in Asia – Strong Connection with Southeast Asian Market*

2 *Singapore's Dynamic Photonics Industry Landscape – Growing Demands in Application Fields*

Life Science



- Surgery and Diagnosis e.g. endoscope, glaucoma surgery, flow cytometry, microscopy.
- 8 of the top 10 life science tool companies have operations in Singapore.

Semiconductor Equipment



- Front end and Back end processes, such as lithography.
- Singapore's semiconductor equipment sector contributes to ~20% of the global market

Industrial Machinery



- Material processing e.g. cutting, welding, annealing.
- Advanced manufacturing, 3D printing and Machine Vision

Consumer Electronics



- Core components in many consumer electronic devices e.g. mobile phone cameras, AR/VR, smart home devices, micro speakers

Why Singapore

3 Singapore's Thriving Photonics Research Ecosystem – Contribution to the Commercialization and Practical Application of Photonics Technology





 <p>The Photonics Institute</p> <ul style="list-style-type: none">• Optical fibre Technology• Optical and Laser Engineering• Semicon. Lighting & Display• Disruptive Photonics Technologies• Bio-devices and Signal analysis• Silicon Photonics Programme	 <ul style="list-style-type: none">• Nonlinear optic• Photonic integrated circuits• Holograms,• Structural color, nano-fabrication
 <ul style="list-style-type: none">• Optical sensors• Optical imaging• Laser spectroscopy• Optical MEMS• AlN-based sensing• 2D-optoelectronics• Singapore Synchrotron Light Source	 <ul style="list-style-type: none">• Advanced Remanufacturing and Technology Centre (ARTC)• Singapore Institute of Manufacturing Technology (SIMTech)• Institute of Materials Research & Engineering (IMRE)• Institute of Microelectronics (IME)• Institute of High Performance Computing (IHPC)• National Metrology Centre (NMC)

Exhibit Profile

Optical Communication

- 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

Laser

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

Display

- Display Material
- Display Panel/Module
- Display Manufacturing

Optics

- 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

Sensing

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

Infrared

- Infrared Material
- Infrared Component
- Infrared Equipment and Imaging



TOP 20 PRODUCT AREAS OF INTEREST AMONG ATTENDEES

Manufacturing/Processing and Measuring Equipment

Optical Coating Material and Equipment
Optical Imaging System
AR/VR
Laser Equipment
Infrared Equipment and Imaging
Testing and Measurement Equipment
Machine Vision and Industrial Automation
Production and Processing Equipment
3D Imaging and Sensing
Semiconductor Material and Equipment

Material, Module and Device

Optical Material
Optical Lens
Optical Communication Chip
Optical Communication Device
Optical Communication Module
Optical Fiber Cable
Cameral Module
Lasers
Industrial Sensor
LiDAR



EXHIBITOR ANALYSIS



350

exhibitors from 19 countries and regions



10

Group pavilions



70.9%

rated APE as an important platform for their business



75.3%

were satisfied with this year's event



65%

will be exhibiting again next year



85%

will recommend APE to industry peers and partners

It is a good chance to participate in a photonic expo mainly in the Asian countries, and the variety of the exhibitors is good, which is the advantage to attend for industry colleague.

GARY SUN, OPTIZONE TECHNOLOGY (SHENZHEN) LIMITED

Have a belief of better future for APE as it radiates Asian and Pacific regions.

LYDIA YANG, L-CHASER OPTICS LTD

It is the first time for Innolight Technology PTE Limited to attend an international expo. It helps us build connection with worldwide suppliers and customers.

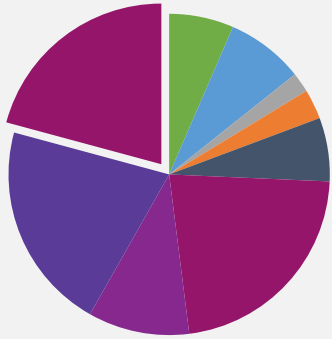
KAILING LU, INNOLIGHT TECHNOLOGY PTE. LIMITED

I hope there will be more opportunities for enterprises in the industry to communicate and be technically in line with world's advanced level.

LI GUO, CHANGCHUN YI LI PHOTOELECTRIC INSTRUMENT CO., LTD

VISITOR ANALYSIS

Visitor Breakdown by 9 Applications



■ Semiconductor Processing / Manufacturing	22.3%
■ Advanced Manufacturing	21.0%
■ Optical Communication	20.8%
■ Consumer Electronics & Entertainment	10.2%
■ Medical	7.8%
■ Energy	6.5%
■ Sensing, Measurement	6.4%
■ Defense / Security	3.0%
■ Lighting & Displays	2.0%

4,478 Visitors from
76 Countries and
Regions



Top 10 Visitor Countries:



VISITOR ANALYSIS

83.2% were satisfied with APE 2024

82.5% will recommend APE to industry colleagues

81.6% will attend this event in 2025

Job Function	Percentage
Top Management	22.6%
R&D	20.2%
Manufacturing / Processing	17.6%
Purchasing / Supply Chain Management	10.2%
Sales	10.0%
Marketing	8.4%
Quality Management	7.2%
Others	3.8%

Purpose of Visiting APE	Percentage
Looking for New Products and Technologies	27.4%
Collecting Information	26.8%
Maintain / Explore Business Relationship	13.6%
Looking for Agents and other Cooperation Opportunities	12.6%
Purchasing	12.0%
Attending Conferences	4.4%
Preparing for the Participation of CIOE 2025	2.3%
Others	0.8%

Company Type	Percentage
Manufacturer	54.2%
Distributor / Trader / Agent	13.6%
Service Provider	11.2%
Integrator	5.9%
Scientific Institutions / Universities	4.4%
Others	3.0%
Contractor	2.3%
Government Bodies	1.8%
Investment & Financing Institutions	1.7%
Associations / Societies / Chamber of Commerce / Industry Alliance	1.2%
Media	0.8%

Company Size	Percentage
< 50 people	38.3%
> 500 people	26.8%
100 - 300 people	14.6%
50 - 100 people	14.0%
300 - 500 people	6.3%

Purchasing Role	Percentage
Recommending & Suggesting	43.9%
Decision Maker	30.4%
Not a part of purchasing	25.8%

KEY Visiting Companies

- Advanced Micro Foundry
- Agilent
- aimflex
- Amazon
- ams Osram
- Appasamy Associates
- Apple
- Applied Materials
- ATOP
- Avago Technologies
- Broadcom
- Canon
- China Telecom
- Cisco
- Coherent
- Corning
- Delta Optics
- DenseLight
- Excelitas
- Haier
- HP
- Huawei
- II-VI
- Intel
- KPP Packaging
- Marvell
- Mindef
- MMI Systems
- Molex
- Nanofilm Technologies
- NTU
- NUS
- Qualcomm
- Samsung
- Santec
- Sanwa
- SCHOTT
- Singtel
- Sony
- STMicroelectronics
- Sumitomo
- SUTD
- Synopsys
- Texas Instrument
- Thermo Fisher
- TP-Link
- WOCO Group
- Xenics
- Yaskawa
- Zeon
- Zero Error Systems
- ZKTel

* In alphabetical order.

“

Our company, Ernst, provides a wide range of photonics solutions. So, I believe joining this event will benefit our company to get more different types of solutions that we can provide to the local industry and meet with our suppliers, connect with them and see the new inventions and solutions from all around the world. I think this event will help me get to know the leading solutions and meet different integrators that we can provide locally to our customers.

-Dennis Chua, Sales Manager of Ernst Technology

APE is one of the largest exhibitions happening in Southeast Asia, and I wouldn't want to miss this one. It's a great opportunity to meet everyone and see what the latest trends that happening. Also, Asia is the hub for photonics and it's amazing to see all the photonics products listed here. I highly recommend people to join in and add to this event.

- Vaman Shenoy, Technical Manager of Ansys

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Part of Key Visitors and Buyers

Company	Job Title	Company	Job Title	Company	Job Title	Company	Job Title		
Advanced Micro Foundry	Senior Marketing and Strategy Analyst	Broadcom	Principal Materials Engineer	Haier	Director	Nanyang Technological University	Professor		
	Senior Director		NPI Manager		Innovation manager		Research Fellow		
	CEO		Procurement Engineer	HP Inc	Regulatory Program Manager		Principle Investigator		
	CTO		Test Engineer		Mechanical Engineer		Principal research scientist		
Agilent Technologies	Global Product Manager		Principal Product Engineer		System Engineering Program Manager	Associate Professor			
	Director, Strategic Procurement		Supply Chain Manager	Thermal Engineer	Researcher				
	Mechanical & Manufacturing Engineer	R&D Director	Senior Manager	Research Engineer					
Aimflex	Optics Category Manager	Canon	Snr Consult Engineer	Huawei	Innovation Research Consultant	National University of Singapore	Research Fellow		
	System Architect		Asst. BDM		Expert		Staff Manager		
	VP of Engineering & Research	Cisco	TME Leader	II-VI	Lead Engineer		Qualcomm	Engineer	
AUTOMATION MANAGER	System Architect		Snr. materials excutive		Assistant Manager				
Amazon	Manager Hardware	Coherent	Sr. Operations Manager	Intel	Manufacturing Manager	Samsung	Procurement		
	Principal Commodity Manager - Optics		Vice President, Operations		Technical Lead		Santec	Business Development Director	
Principle Camera Architect	Director, SPG		SVP General Manager	Engineer	director				
ams Osram	Senior Manager	Corning	Director	Marvell	Principal Engineer	Schott	Application Manager		
	Optical Engineer		Global Service Lead		Director		Production Manager		
	Director	BD Manager	Senior Staff Test Engineer	General Manager					
Appasamy Associates	Director	Delta Optics	Consultant	Mindef	Senior Engineer		Singtel	Asia Strategic Expert / Advisor	
	Production Manager		Director		Asst Mgr	Assistant Purchasing Manager			
	General Manager		technical manager		Director	Product Manager			
Apple	R&D	Denselight	Sr. Vice President Marketing and Sales	MMI Asia	OPERATION MANAGER	SONY	Manager		
	DFM Manager		Board member		Senior Director		Senior Manager	Senior Manager	
Applied Materials	Regional Strategy and Partnerships Manager		Senior Director		CTO/COO	Molex	Senior Director	STMicroelectronics	Optical Engineer
	Scientist		Procurement Manager	Programs Director	Sr Automation Engineer		Director, QA and CE Program		R&D Mechanical Design Engineer
	Electrical Engineering Manager	Production Manager	Product Manager	Asia-Indirect Snr category mgr	Managing Director	Senior Dept Head			
	System Architect	Product Manager	Supply Chain Director	Process Outsource Engineer	Sr. Optical Application Engineer	Senior R&D Manager			
ATOP	CEO	Excelitas Technologies	Purchasing Manager	Nanofilm Technologies	ELECTRICAL DESIGN ENGINEER	Sumitomo	Category Manager		
	General Manager		Process Engineering Manager		CTO		Application Engineering Manager		
Avago Technologies	Principal Engineer		Process Engineering Manager		Process Engineer	Moldef	Sr. Optical Application Engineer	Synopsys	Sr. Optical Application Engineer
	Manufacturing Engineer		Quality Assurance Manager		Senior Manager		Moldef		Field Application Engineer
	R&D Management				Principal Technology Secretary to Executive Chairman	Process Engineer		Sourcing Manager	Thermo Fisher
Equipment Engineer			Research Scientist		Senior Manager	Senior Manager	Optics Engineer	WOCO Group	
		R&D Director	Principal Technology Secretary to Executive Chairman	Process Engineer	Manufacturing Engineer	Zero Error Systems	Manufacturing Engineer		
		PM	Research Scientist	Senior Manager	R&D project manager			R&D project manager	
		Business Development VP	R&D Director	Principal Technology Secretary to Executive Chairman	NPI Sourcing		NPI Sourcing		
			PM	Research Scientist	Group Vice President		Group Vice President		
			Business Development VP	R&D Director	General Manager		General Manager		
				PM	Supply Chain and Quality Director		Supply Chain and Quality Director		
				Business Development VP	CTO		CTO		

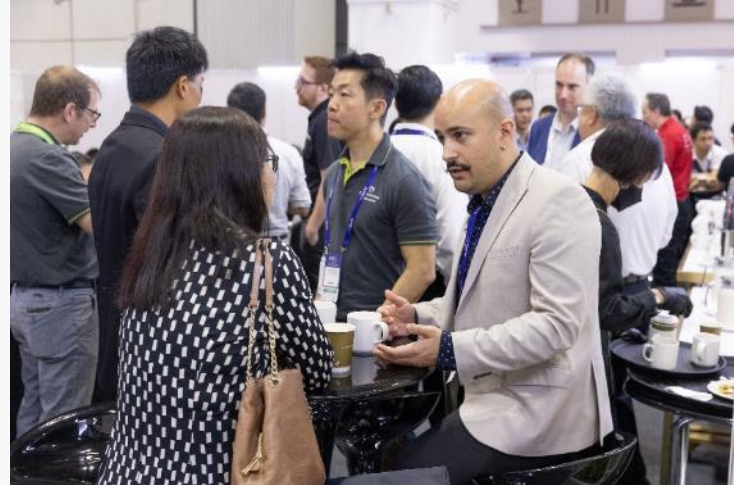
APE VIP Buyer Programme

The **APE VIP Buyer Programme** offers an exclusive and personalized VIP service designed specifically for key buyers and senior decision makers in the optoelectronic industry. This programme caters to individuals who have specific sourcing needs or purchasing plans for new projects or products. It primarily targets professionals in **top management, sourcing and supply chain management, R&D engineering, production and manufacturing**.

At APE, our goal is to foster strong relationships between buyers and vendors in the industry. We understand the importance of exchanging industry insights and facilitating efficient **ONE2ONE Business Matchmaking**. Therefore, APE provides a dedicated **VIP Lounge with drinks and refreshments** where buyers and vendors can connect, share knowledge, and explore potential collaborations.

Attending APE has been an insightful journey into the optoelectronic industry's latest innovations and trends. The exceptional organization and diversity of exhibits have provided us with invaluable connections and insights. APE stands out as a beacon for professionals seeking to navigate the future of optoelectronics.

-ZHE LIN, CTO, MEDEEPTech VENTURES PTE. LTD



Matchmakings at APE 2024

CONCURRENT CONFERENCES

2024 Asia Light Conference

Asia Light Conference 2024 is the academic conference of Asia Photonics Expo. It is hosted by journals Light: Science & Applications, eLight, and Light: Advanced Manufacturing. Highlighted by UNESCO's International Day of Light, Asia Light Conference 2024 consists of plenary session and 10 parallel keynote & invited sessions. It attracts **185** researchers, scholars and experts to attend and it provides the best opportunity for them to present their findings in their research projects, exchange their insights and innovative ideas, and build collaborations.

Tracks

1. *Tunable Optoelectronics*
2. *Micro and Nanophotonics I*
3. *Topological Photonics*
4. *Quantum Photonics*
5. *Terahertz Optoelectronics*
6. *Nonlinear Photonics and Functional Lasers*
7. *Nano Materials and Luminescence*
8. *Advanced Manufacturing*
9. *Micro and Nanophotonics II*
10. *Biophotonics and Medical Optics*



CONCURRENT CONFERENCES

Industry Forum

APE empowers the photonics industry and applications, building a high-quality platform for communication, exchange and learning. During APE 2024, the industry forums invited keynote speakers from global photonics leading companies, research institutes, and universities to discuss forefront technology innovation, share valuable insights and explore new trends across the photonics industry, with a focus on the integration of industry and research.



500+ Attendees
Data Center Forums
Optics Forums

Key Programmes

- *Yole Group Photonics Integration Forum: Transforming Data Communication Applications*
- *Next-Generation Data Center Optical Interconnect Technology Evolution Forum*
- *Optical Technologies and Applications in Pan-Semiconductor Processing Forum*
- *Ultra Precision, Micro Nano Processing and Optical Testing Forum*



CONCURRENT CONFERENCES

PHOTONICS@SG 2024 CONFERENCE



APE collaborated with LUX Photonics Consortium, Nanyang Technological University (NTU), National University of Singapore (NUS), Singapore University of Technology and Design (SUTD) and Agency for Science, Technology and Research (A*STAR) to host an engaging networking coffee/tea session at the PHOTONICS@SG 2024 Conference. This presents a prime opportunity for attendees to mingle with distinguished professors and industry experts, fostering robust connections between academia and industry.



CONCURRENT ACTIVITIES

Site Tour

APE co-organized with Singapore University of Technology and Design (SUTD) and LUX Photonics Consortium to curate an exclusive 2-day site tour. Over 40 distinguished companies have already joined the activities, seizing the chance to network with the campus professors and industry experts.

Day 1

- Cleanroom, Metrology labs
- Dyson-SUTD Innovation Studio
- Optical Quasar Lab
- SUTD Campus tour

Day 2

- The Photonics Institute, Nanyang Technological University
- Centre for Disruptive Photonic Technologies (CDPT)
- Centre for Optical Fibre Technology (COFT)
- SICK Singapore
- Institute of Microelectronics (IME)
- Institute of Materials Research and Engineering (IMRE)



CONCURRENT ACTIVITIES

Gala Dinner

The Gala Dinner at Asia Photonics Expo (APE) is an exclusive and prestigious event specifically designed for the top management of our exhibitors and partners. The Gala Dinner serves as a unique platform for industry leaders, decision-makers, and key stakeholders to come together and forge meaningful connections in a relaxed and elegant atmosphere.

Over **120** top-level executives took part in and took the opportunity to engage in high-level discussions, exchange ideas, and explore potential collaborations that can shape the future of the photonics industry.



2025 New Initiatives

1. Expand *Partnerships* in Asian Market, Penetrate New Markets and Unlock its Huge Potential.

Target Countries and Regions:

- Singapore
- Malaysia
- Indonesia
- Thailand
- India
- Vietnam
- Japan
- Korea
- Taiwan, China

**Target/Potential Associations as listed*

Association	Country
Singapore Manufacturing Federation	Singapore
Sensors and Instrumentation Technical Committee (SITC)	Singapore
Association of Electronic Industries in Singapore (AEIS)	Singapore
Electric Vehicle Association of Singapore (EVAS)	Singapore
Singapore Metal and Machinery Association (SMMA)	Singapore
Medical Technology Industry Group (MTIG)	Singapore
MedTech Manufacturing Alliance (MTMA)	Singapore
Singapore Industrial Automation Association (SIAA)	Singapore
The Association of the Telecommunications Industry of Singapore (ATIS)	Singapore
Association of Medical Device Industry (Singapore) (AMDIS)	Singapore
Association for Manufacturing Technology (Singapore)	Singapore
Federation of Malaysian Manufacturers (FMM)	Malaysia
MALAYSIAN CABLE MANUFACTURERS ASSOCIATION-MCMA	Malaysia
The Electrical and Electronics Association of Malaysia-TEEAM	Malaysia
The Malaysia Automation Technology Association (MATA)	Malaysia
Machinery & Equipment Industries Federation (MEIF)	Malaysia
Malaysian Medical Device Association (MMDA)	Malaysia
Malaysian Semiconductor Industry Association (MSIA)	Malaysia
Association Of Malaysian Medical Industries (AMMI)	Malaysia
Malaysia Photonics Cluster (MPC)	Malaysia
MACHINERY & ENGINEERING INDUSTRIES FEDERATION (MEIF)	Malaysia
Malaysian Autonomous Intelligence & Robotics Association	Malaysia
Indonesian Automotive Industry Association (GAIKINDO)	Indonesia
Indonesian ICT Business Association (APTIKNAS)	Indonesia
Indonesian Medical Device Manufacturers Association (ASPAKI)	Indonesia

Association	Country
Vietnam Medical Association	Vietnam
Vietnam Post and Telecommunications Group (VNPT)	Vietnam
Vietnam Renewable Energy Association (VREA)	Vietnam
Vietnam Telecommunications Association (VNTA)	Vietnam
Electric Vehicle Association of Vietnam (EVAV)	Vietnam
Vietnam Automobile Manufacturers' Association (VAMA)	Vietnam
Vietnam Electronics Industries Association (VEIA)	Vietnam
Thai Machinery Association (TMA)	Thailand
National Broadcasting and Telecommunications Commission (NBTC)	Thailand
TARA (Automation and Robotics Association)	Thailand
Thai Electronics and Telecommunications Industry Association (TETA)	Thailand
Thailand Automotive Institute (TAI)	Thailand
Asia-Pacific Telecommunity (APT)	Thailand
TAT (Telecommunications Association of Thailand)	Thailand
Thai Medical Device Technology Industry Association (THAIMED)	Thailand
The Association of Thai ICT Industry (ATCI)	Thailand
The Thai Automotive Industry Association (TAIA)	Thailand
Electric Vehicle Association of Thailand (EVAT)	Thailand
Thai Association for Biotech Industries (ThaiBIO)	Thailand
Association of Unified Telecom Service Providers of India (AUSPI)	India
Indian Machine Tool Manufacturers' Association	India
Laser Industries Association of India (LIAI)	India
Institution of Electronics and Telecommunication Engineers (IETE)	India
India Electronics and Semiconductor Association	India

2025 New Initiatives

2. Host a Series of *Networking Events* for Industry Players to Exchange Thoughts and Forge New Collaborations

1. Gala Dinner (Day 1 18:00-21:00)

It's an exclusive event specifically for top-level management from leading photonics companies, research institutions and associations.

2. "Happy Hours" (Day 2 16:30-18:00)

It will be held at VIP lounge to facilitate the networking and collaboration between exhibitors and VIP visitors.

3. Site Tours

It aims to build the strong link between academia and industry and present Photonics R&D in Singapore to international industry peers.

4. Application Programmes

New application programmes will focus on the application fields of manufacturing, medical, consumer electronics, etc.



2025 New Initiatives

3. Leveraging Various Media Channels to Enhance Media Exposure in the Target Local Markets.

Mass Media

PR Newswire®



THE STRAITS TIMES

ACNNEWSWIRE

Social Media



Industry Media



B2B Platform

showseye.com



ShowBee



Outdoor Ads



Omni-Channel Promotion

E-newsletter

Over 100,000 overseas photonics subscribers

Official Channels

- Official website
- Social Media: LinkedIn / Twitter / Facebook / Youtube

Partners

- 50+ media partners
- 30+ international associations

Collateral Materials

- Product Brochure
- Preshow Guide
- Visitor Guide



2,100,000+
EDM Mailing Volume



980+
News Release Coverage



100,000+
Unique Website Visitors



1,226,998
Social Media Impressions

Part of Partners

*List in no particular order



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JOIN US AT APE 2025

5-7 March 2025, Sands Expo and Convention Centre
(Marina Bay Sands) Level 1

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