



MESSE
MÜNCHEN

INNOVATION WITH LIGHT EXHIBITOR INFORMATION

*Facts & figures -
LASER World of PHOTONICS INDIA,
Bengaluru 2023



5,000+m²
Exhibition Space



100+
Exhibitors from
15 countries



7,000+
Visitors from
17 countries



500+
B2B Meetings



1,000+
Technology
solutions on display

NOVEMBER 7-9, 2024,
JIO WORLD CONVENTION CENTRE, MUMBAI

12th edition of India's platform for laser and optical technologies—
Components, Systems and Applications







OVERVIEW

Leading trade fair in India for laser and optical technologies

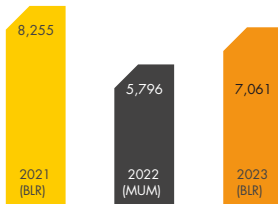
Showcase your company at India's only dedicated gathering for laser and optical technologies – LASER World of PHOTONICS INDIA – to scale up your business and tap the growing market, network with decision-makers, interact with academics and forge strong ties with key buyers as the trade fair in 2024 will be held from 07 - 09 November at Jio World Convention Centre, Mumbai, India.

The diverse range of exhibits at LASER World of PHOTONICS INDIA 2024 covers all topics that pertain to optical technologies. Its is a unique combination of research, innovative technologies and industrial application sectors, supported by various programs.

The entire value chain in photonics

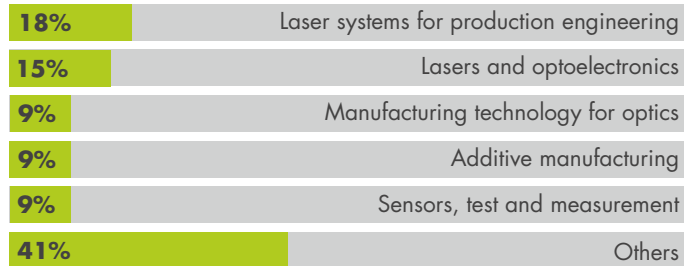
RESEARCH & DEVELOPMENT	COMPONENTS	SYSTEM INTEGRATION	APPLICATIONS
<ul style="list-style-type: none">▶ Bhabha Atomic Research Centre (BARC)▶ Tata Institute of Fundamental Research (TIFR)▶ Photonics Society of India▶ Optical Society of India▶ Indian Laser Association▶ Indian Space Research Organisation (ISRO)▶ Defence Research & Development Organisation (DRDO)▶ Indian Institute Technology (IIT)▶ RRCAT & more 	<ul style="list-style-type: none">▶ Lasers▶ Laser components▶ Optics▶ Lenses▶ Optical filters▶ Optoelectronics▶ Cable & optical fibers▶ Raw materials▶ Sensors 	<ul style="list-style-type: none">▶ Laser systems▶ Robot systems▶ Measuring / testing systems▶ Cameras▶ Microscopy▶ Software▶ Display▶ Manufacturing technology for optics▶ System periphery▶ Additive manufacturing / 3D Printing 	<ul style="list-style-type: none">▶ Industrial manufacturing technology▶ Process control and quality inspection▶ Lighting▶ Optics manufacturing▶ Research & Development▶ Industrial image processing▶ Communication technology▶ Medicine / Biophotonics▶ Solar technology▶ Environmental technology / Energy 

VISITOR PROFILE



Visitors count from LASER World of PHOTONICS INDIA report

Visitors areas of product interest



Other sectors include: Imaging, Optical measurement systems, Services, Optical information and communication, Biophotonics and medical engineering, Optics, Illumination and energy, Systems by application sectors, Security

Source: Visitor registration data of LASER World of PHOTONICS INDIA 2023

Visitor segments

The visitors of LASER World of PHOTONICS INDIA come from various user industries with the objective to find innovative solutions to increase their productivity and competitiveness. Meet visitors from the following industries:

- ▶ Automotive
- ▶ Toolmaking / Machine manufacturing
- ▶ Electrical engineering / Electronics
- ▶ Precision mechanics / Optics
- ▶ Healthcare / Medical technology
- ▶ Science / Research
- ▶ Jewellery
- ▶ Textile
- ▶ Food and Packaging
- ▶ Aviation / Aerospace
- ▶ Photovoltaic
- ▶ Contract manufacturing / Job-shops
- ▶ Telecommunications
- ▶ Signage and many more....

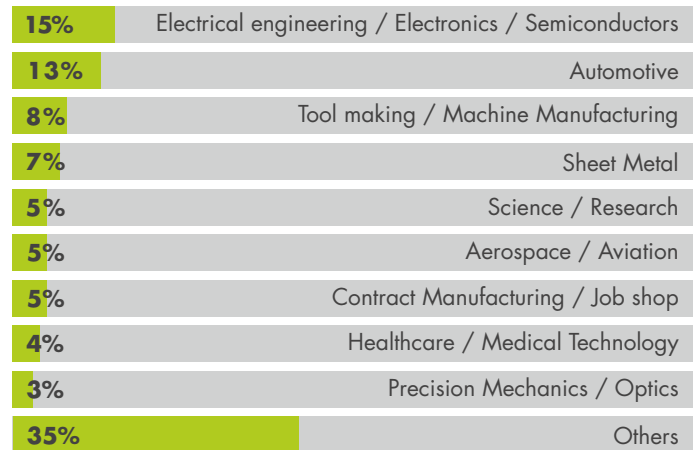
“LASER World of PHOTONICS INDIA showcases a comprehensive range of solutions, catering to both small-scale and large-scale applications. It provides an excellent opportunity to discover the latest product innovations.”

Dinesh,
Hero Motocorp

“LASER World of PHOTONICS provides an exceptional platform for forging relationships with potential suppliers. I have had the opportunity to connect with numerous suppliers at LASER World of PHOTONICS INDIA and gather valuable information on various solutions.”

Devendra Krishna,
GE Healthcare

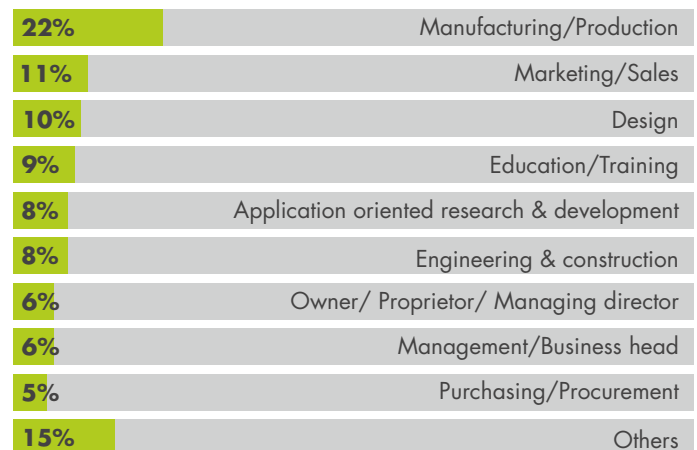
Sectoral representation of visitors



Other sectors include: Signage & printing, government bodies, photovoltaics, data processing / telecommunications, security and defense, traffic and transport, and clothing / garment / textile

Source: Visitor registration data of LASER World of PHOTONICS INDIA 2023

Areas of responsibility



Source: Visitor registration data of LASER World of PHOTONICS INDIA 2023

“LASER World of PHOTONICS INDIA provided an excellent platform to connect with suppliers from across India. The face-to-face interactions and detailed discussions proved to be highly valuable. The event's clear segregation of electronics and laser solutions made it easy to navigate and find relevant suppliers.”

Vineet Jha,
Hitachi Astemo



EXHIBITOR PROFILE

**Displaying the entire range of technology
with key decision-makers from the industry**

Exhibitor profile

- ▶ Lasers and optoelectronics
- ▶ Optics
- ▶ Manufacturing technology for optics
- ▶ Laser systems for production engineering
- ▶ Optical information and communication
- ▶ Bio-photonics and medical engineering
- ▶ Sensors, Test & Measurement and optical measurement systems
- ▶ Imaging
- ▶ Illumination and energy
- ▶ Security
- ▶ Additive manufacturing / 3D printers

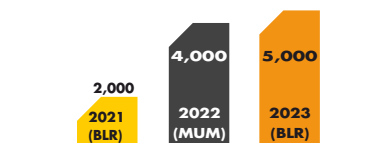
“There is a good understanding about the potential of laser applications today. This was reflected in the buyer delegations that visited our stall. We received positive feedback about the performance of our machines and the ideas to develop solutions for new applications like jewellery, medical devices, automotive, etc. I hope to see many business opportunities emerging from the leads that we received at this platform.”

Dr. Arvind Patel,
Managing Director, SLTL Group

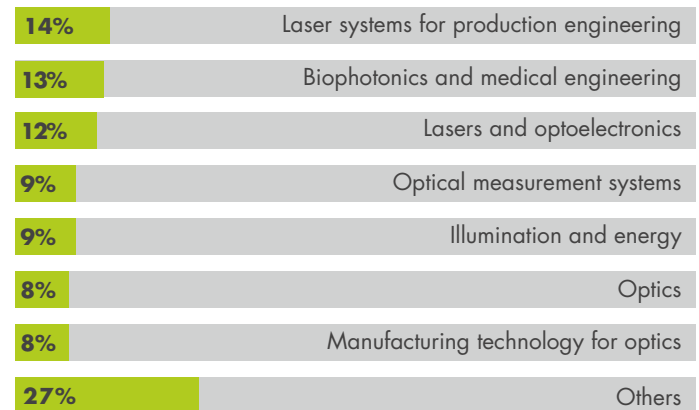
“I was the first person to support LASER World of PHOTONICS INDIA when it started, having attended its parent event in Munich since 1985. The show has grown exceptionally since its inception and this year, it has excelled in terms of the quality of footfalls and seriousness of visitors. I urge more manufacturers to display their innovations at this show.”

Dr. Lalit Kumar,
**Managing Director, Coherent Laser India
& President, Laser Industries Association
of India (LIAI)**

Exhibition space



Products & technologies on display



Source: MMI Connect visitor report 2023

“We see a high level of technical understanding of visitors at this trade fair. The combination of conferences and exhibition ensures that we get queries from high-calibre technical applications. We are happy to discuss these requirements and potentially develop machineries for these high-end applications. We had a good experience overall.”

Vardhaman Shah,
Director, Suresh Indu Lasers

ABOUT THE LASER World of PHOTONICS INDIA 2024

Key highlights



Product
Launches



B2B / B2G
Meetings



International
Pavilions



User Industry
Delegations



LIVE Laser
Demonstrations



Knowledge oriented
Workshops / Seminars & conferences



Additive manufacturing
Pavilion + Conference

Supporting programs

AM 2024 pavilion and conference

- ▶ International conference on 3D printing & additive manufacturing technologies
- ▶ Additive Manufacturing Expo

AM 2024 will bring together engineers, scientists, designers and educators from across the globe to share knowledge, best practices, challenges and new applications.

Conference on Smart manufacturing with lasers:

This International Conference brings together researchers, technology leaders and user industries under one roof, which will help the industry to improve the quality of products and reduce the cost of manufacturing by working smartly with lasers.

Open knowledge forum / Workshop

This platform provides an opportunity to present new products / technology / innovations in the laser & photonics industry. key highlights of this forum are:

- ▶ Presentations from industry experts
- ▶ Technical sessions
- ▶ Industry talks

It will be attended by professionals involved in manufacturing, laser processing, laser system manufacturers and researchers, etc.

Buyer-Seller Forum

This is a business match-making platform that enables direct contact between exhibitors and buyers from various manufacturing companies and government research institutes from India & abroad. It fulfills their sourcing requirements through pre-scheduled meetings wherein exhibitors meet potential buyers one-to-one and provide solutions as per their requirements.

Reasons to participate

The audience we address is incomparable

The visitors attending our trade fair – key decision makers, experts and scientists – represent a variety of industries ranging from automotive to telecommunications, from life sciences to jewellery, from printing to mechanical engineering, as well as from research institutes.

Our unique accompanying programs deliver additional value

In collaboration with industry associations and influencers, we add value to the exhibition by organizing high quality accompanying programs to encourage suppliers and buyers, users and engineers as well as researchers and scientists to exchange ideas, share vision, demonstrate know-how and showcase innovations.

We provide high-quality service and international standards

Our years of experience with LASER World of PHOTONICS in Munich, China and India enable us to provide you with more than just an exhibition stand. That means competence, contacts and a competitive edge to promote the entire industry, including your company. Exhibitors benefit from our international network and our global partnerships with associations, key industry players and media.

We take the trade fair to markets with high business potential

Our regional approach has proved to be the right concept for the geographically big Indian market. Our deep understanding of the needs of manufacturers and suppliers as well as buyers from various user industries guarantees a successful participation with quality contacts and targeted business meetings.



WHY MUMBAI ?

An ideal hub for laser professionals.

The 12th edition of LASER World of PHOTONICS INDIA, is back in Mumbai. Mumbai is surrounded by major states like Gujarat, Rajasthan, Madhya Pradesh, and Goa where most of the manufacturing industries like Automotive, R&D Labs, Jewellery, Pharmaceuticals, Textiles, Signage, Food Processing and others have developed considerably in recent years. Considering the national and international connectivity of Mumbai with its centrally located airport and a well-developed network of roads and railways, this is an ideal location for the trade fair.

Academic stronghold in Western India and the meeting place for Photonics researchers

In addition to practitioners from the industry, LASER World of PHOTONICS INDIA is also an important meeting place for optics and laser technology researchers and developers. They make use of the accompanying conference program for their gatherings, present their visions, exchange ideas and help take the Indian photonics industry to the next level. Maharashtra and other states in west Indian states are preeminent in optics and laser research and development. The region boasts a wealth of universities, engineering schools and polytechnic institutes.

BUSINESS PROSPECTS ACROSS INDUSTRY HUBS

Western Region

- ▶ Automobile
- ▶ Auto components
- ▶ Pharmaceuticals
- ▶ Heavy metal fabrication
- ▶ Gems & Jewellery
- ▶ Ship building
- ▶ Iron & Steel
- ▶ Ceramics

... to name a few

Northern Region

- ▶ Automobile
- ▶ Automotive components
- ▶ Electronics
- ▶ Pharmaceuticals
- ▶ Textiles
- ▶ Signage
- ▶ Shoes and Leather products
- ▶ R&D centres

... to name a few

Southern Region

- ▶ Automobile
- ▶ Automotive components
- ▶ Textiles
- ▶ Steel
- ▶ Electronics
- ▶ Bio-Technology
- ▶ Solar equipment
- ▶ Machine tools
- ▶ Aerospace
- ▶ Semiconductors
- ▶ Precision engineering
- ▶ Optics
- ▶ Research institutions
- ▶ R&D centres

... to name a few

Eastern Region

- ▶ Mining equipment
- ▶ Food processing
- ▶ Packaging
- ▶ Textiles
- ▶ Agro products

... to name a few



MARKET OVERVIEW

- ▶ **The Indian laser market is expected to register a CAGR of 18.2%** during the forecast period (2023-2028). (Source: mordorintelligence.com)
- ▶ India has recently approved a \$10 billion comprehensive program for the development of sustainable semiconductor and display ecosystem in the country. Against this back-drop, India's manufacturing GDP is forecast to grow at an average annual rate (AAGR) of 9%, in nominal terms, over 2022-26. (Source: businessworld.in)
- ▶ India's National Quantum Mission: On April 19, 2023, **India's federal government approved a \$730mn** funding package for the country's inaugural **National Quantum Mission (NQM)**. The project aims to deliver intermediate-scale quantum computers with 50 - 1000 physical qubits by 2031 and "make India one of the leading nations in the development of Quantum Technologies & Applications (QTA)." (Source: techmonitor.ai)
- ▶ **India's EV market to grow to 10 million units annually by 2030:** Union Minister of Road Transport and Highways, Nitin Gadkari says there are 3 million registered EVs in India and the country's EV market is expected to grow to 10 million units in annual sales by 2030 and create 50 million jobs. There has been a 300% rise in EV sales in 2022

and the market potential is expected to reach \$266 billion by 2030, he says, adding that India has 400 EV start-ups. (Source: fortuneindia.com)

- ▶ **Overview:** The Indian solid and diode medical lasers market generated revenue of \$12.3 million in 2019 and it is expected to progress with a CAGR of 13.7% during the forecast period (2020-2030). (Source: psmarketresearch.com)
- ▶ The market for **Laser metal deposition (LMD)** is still in its initial years and is not used much in industrial applications in India. A few of these systems are mainly in R&D labs. Recently, the Indian Institute of Science (Bangalore) placed an order for a FormAlloy (U.S.) system for LMD. The technique has an advantage of faster speed and allows for new material/alloy development. It looks like both technologies, Powder bed fusion (PBF) and LMD, will be growing as the Indian government is giving a push to defense and aerospace manufacturing. (Source: laserfocusworld.com)
- ▶ The Global Photonics Market was valued at \$ 589.82 billion in 2020, and it is expected to reach \$ 1019.77 billion by 2026, registering a CAGR of approximately 7.14% during the period of 2021-2026. (source: mordorintelligence.com)

THE WORLD OF PHOTONICS NETWORK

LASER World of PHOTONICS has developed the world's leading trade fair network. Its global network of trade fairs and conferences represents the most important marketplaces and think tanks for the global laser and photonics industry and its users.

It started in 1973 with collaboration between LASER World of PHOTONICS in Munich—the world's leading platform of the laser and photonics industry and the World of Photonics Congress—Europe's largest photonics conferences.

This unrivalled combination of trade fair and conferences, which brings together research and application, was further developed for the growing markets in India and China. The global network combines innovations and trends with country specific main themes. It is precisely tailored to these markets with the recipe for success of the mother fair, depicting the entire value chain and bringing together all key players at an international level.

Global footprint of LASER World of PHOTONICS



>1,09,500
Visitors



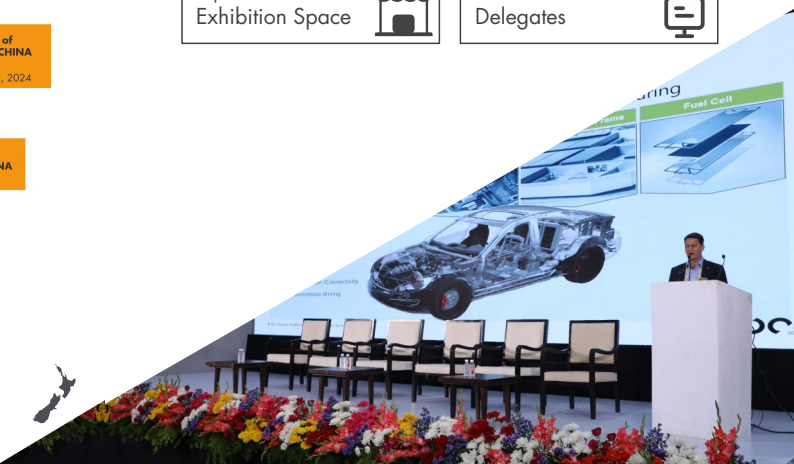
2,665
Exhibitors



1,21,000
Square Meters Total
Exhibition Space

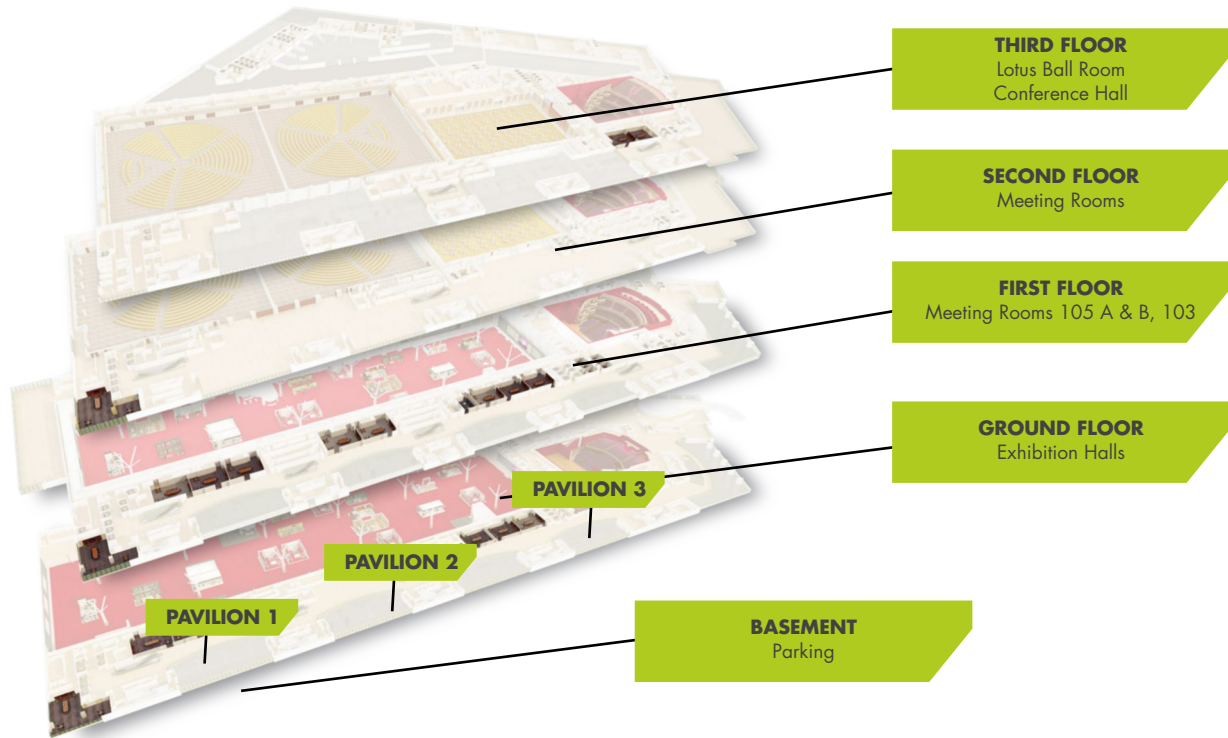


8,500
Conference
Delegates

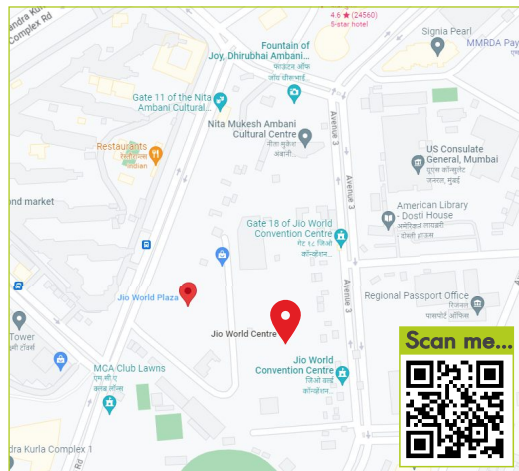


PLAN OF THE FAIRGROUND

Layout of JIO WORLD CONVENTION CENTRE, MUMBAI



Venue Location



Jio World Centre is located in Mumbai's central business district, Bandra Kurla Complex.



AIRPORT

Chhatrapati Shivaji Maharaj
International Airport
30 minute drive



TRAIN

Closest stations are Bandra,
Kurla and Santacruz
10-20 minute drive



CAR/CAB

Venue is easily
locatable on maps



BUS

BEST buses going to BKC
Monday-Sunday from 6 am - 9 pm

Venue and Timings

Show Dates:
November 7-9, 2024

Business Hours:
• 7th - 8th November 2024
10.00 am – 6.00 pm
• 9th November 2024
10.00 am – 5.00 pm

Venue:
Pavilion - 1,
Jio World Convention Centre,
BKC, Mumbai, India

For participation contact:

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A list of international contacts is available at:

www.world-of-photonics-india.com/en/exhibitors/information/advice-contacts/