



MESSE
MÜNCHEN

Facts & Figures - 2024



6,000+m²

Exhibition Space



120+

Exhibitors from
18 countries



4,300+

Visitors from
22 countries



500+

B2B Meetings



1,000+

Technology solutions on
display+product launches

Delegations from various sectors viz -
Mahindra 2 wheelers / Bharat Forge /
Titan / BEL / BARC / IIT etc

INNOVATION WITH LIGHT

India's platform for laser and optical technologies—
Components, Systems and Applications



**LASER WORLD
OF PHOTONICS
INDIA**

17-19
September
2025

Bangalore International Exhibition
Centre (BIEC), Bengaluru

world-of-photonics-india.com

Co-located trade fairs



electronica India 2025



productronica India 2025

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. The 2025 trade fair will be held from 17–19 September at Bangalore International Exhibition Centre (BIEC), Bengaluru, India.



The diverse range of exhibits at Laser World of Photonics India 2025 cover all categories that pertain to optical technologies. It is a unique combination of research, innovative technologies and industrial application sectors, supported by various programs.

The entire value chain in photonics



RESEARCH & DEVELOPMENT

- ▶ 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 of Technology (IIT)
- ▶ Raja Ramanna Centre for Advanced Technology (RRCAT) & more ...



COMPONENTS

- ▶ Lasers
- ▶ Laser components
- ▶ Optics
- ▶ Lenses
- ▶ Optical filters
- ▶ Optoelectronics
- ▶ Cable & optical fibers
- ▶ Raw materials
- ▶ Sensors



SYSTEM INTEGRATION

- ▶ Laser systems
- ▶ Robot systems
- ▶ Measuring/testing systems
- ▶ Cameras
- ▶ Microscopy
- ▶ Software
- ▶ Display
- ▶ Manufacturing technology for optics
- ▶ System periphery
- ▶ Additive manufacturing/3D Printing



APPLICATIONS

- ▶ 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

4,300+

2024 (MUMBAI)

Visitor count from Laser World of Photonics India report

Visitor segments

The visitors to 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
- ▶ Textiles
- ▶ Food and Packaging
- ▶ Aviation/Aerospace
- ▶ Photovoltaic
- ▶ Contract manufacturing/Job-shops
- ▶ Telecommunications
- ▶ Sheet metal/fabrication
- Signage and many more....

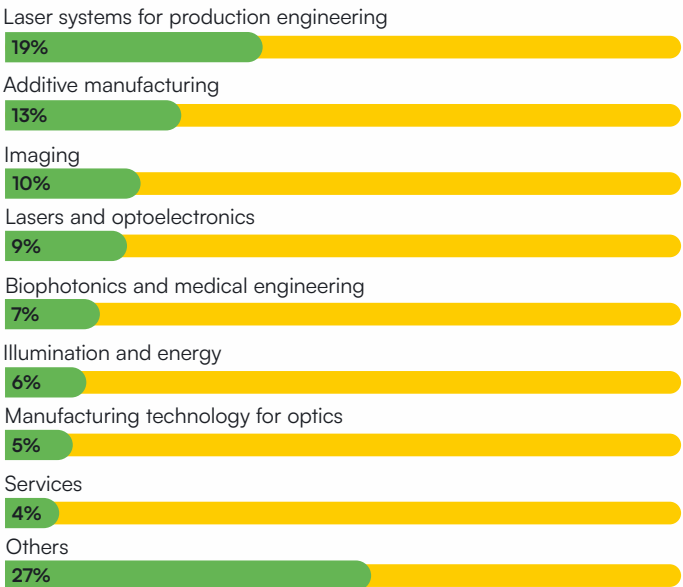
Areas of responsibility



Other sectors include: Management research & development, Education/Training, Purchasing/Procurement, Distribution, Pupil/Student, Application oriented research & development, Quality management and Basic research

Source: Visitor registration data of Laser World of Photonics India 2024

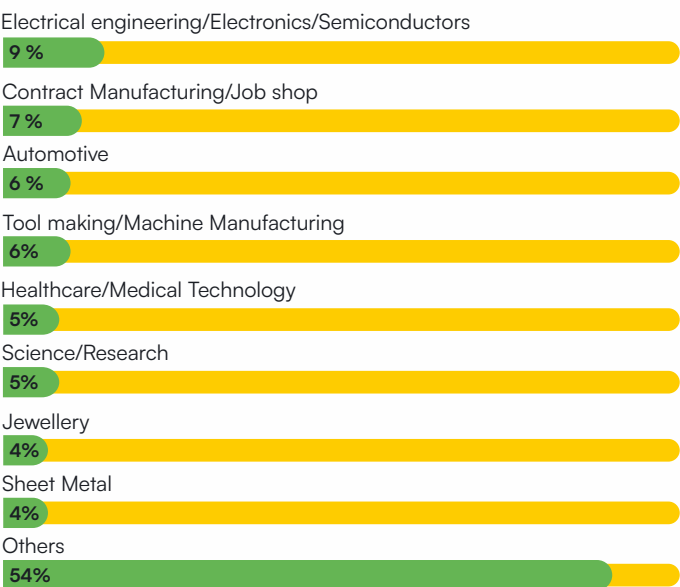
Visitors areas of product interest



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 2024

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 2024

Exhibitor Profile

Exhibition space

6,000 SQM

2024 (MUMBAI)

Exhibition Space (Sqm) from Laser World of Photonics India report.

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

“

The presence of the Lithuanian Pavilion at LWOP India 2024 underscored the significance of international collaboration in photonics. This event was an incredible opportunity to build partnerships with Indian companies, explore potential R&D collaborations, and understand the immense market potential in India. The focused approach of LWOP India ensures that exhibitors get direct access to serious buyers and industry stakeholders.

Dr. Gediminas Raciukaitis
President,
Lithuania Laser Association

”

“

LWOP India 2024 was a remarkable convergence of industry and research, showcasing the latest developments in photonics and optical technologies. Thorlabs benefited immensely from the opportunity to engage with a highly technical audience, discuss emerging trends, and explore potential collaborations. The event exceeded our expectations in terms of quality interactions and market insights.

Dr. Bruno Gross
Vice President, Europe
Thorlabs

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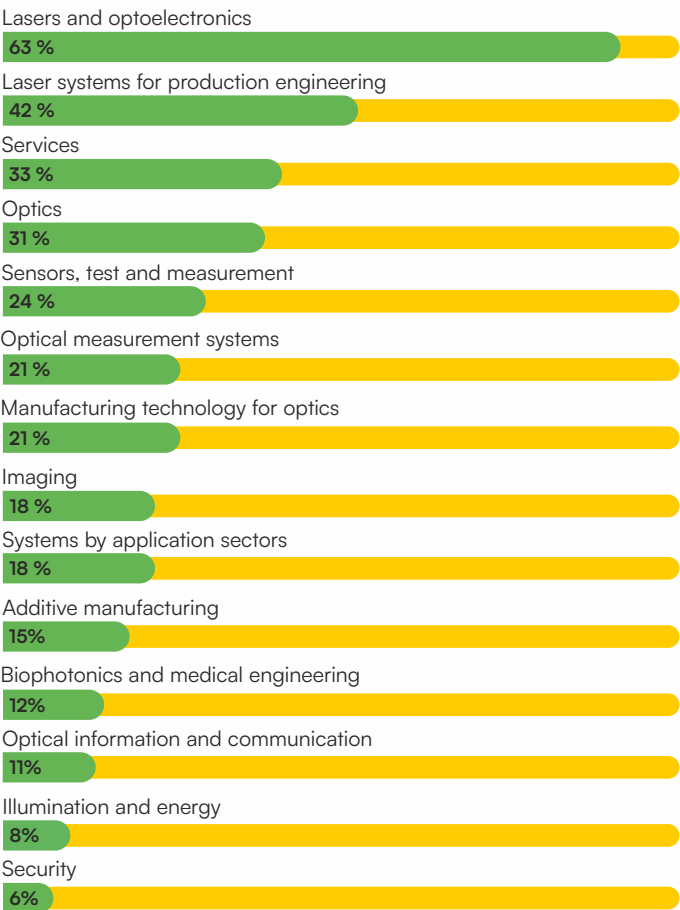
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I was thoroughly impressed by the depth of innovation and technology on display. The event provided a unique platform to engage with industry-leading laser technology providers and explore their applications in precision engineering. The networking opportunities and live demonstrations helped us make informed decisions about integrating cutting-edge laser solutions into our operations.

Mr. Harshan Budke
Vice President & Head Technology & Innovation Centre,
L&T Precision Engineering and Systems

”

Products & technologies on display



Source: Exhibitor data of Laser World of Photonics India 2024

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Laser World of Photonics India 2024 was a game-changing event for our company and the broader photonics community. It provided an unparalleled platform to showcase our latest advancements in laser technology while also fostering meaningful industry-wide collaborations. The event brought together key decision-makers, researchers, and business leaders, creating an environment where real partnerships and opportunities took shape. The level of engagement from potential clients and industry professionals was exceptional, reaffirming that LWOP India is the most strategic and influential platform for driving innovation and business growth in India's fast-evolving laser & photonics sector.

Dr. Lalit Kumar
Managing Director,
Laser Science Services India Pvt. Ltd.

”

About Laser World of Photonics India 2025

Key highlights



Product
Launches



B2B / B2G
Meetings



User Industry
Delegations



**Additive Manufacturing
and 3D Printing**
Pavilion + Conference



Live Laser
Demonstrations



**German Pavilion /
International Pavilions**



Knowledge Oriented
Workshops / Seminars & conferences

Supporting Programs



Additive Manufacturing and 3D printing 2025 Pavilion and Conference

- Connects engineers, scientists, designers, and educators globally.
- Focuses on knowledge sharing, best practices, challenges, and new applications.



Open Knowledge Forum / Workshop

- Brings together researchers, technology leaders and industries.
- Enhances product quality and reduces manufacturing costs with smart laser applications.



Buyer-Seller Forum

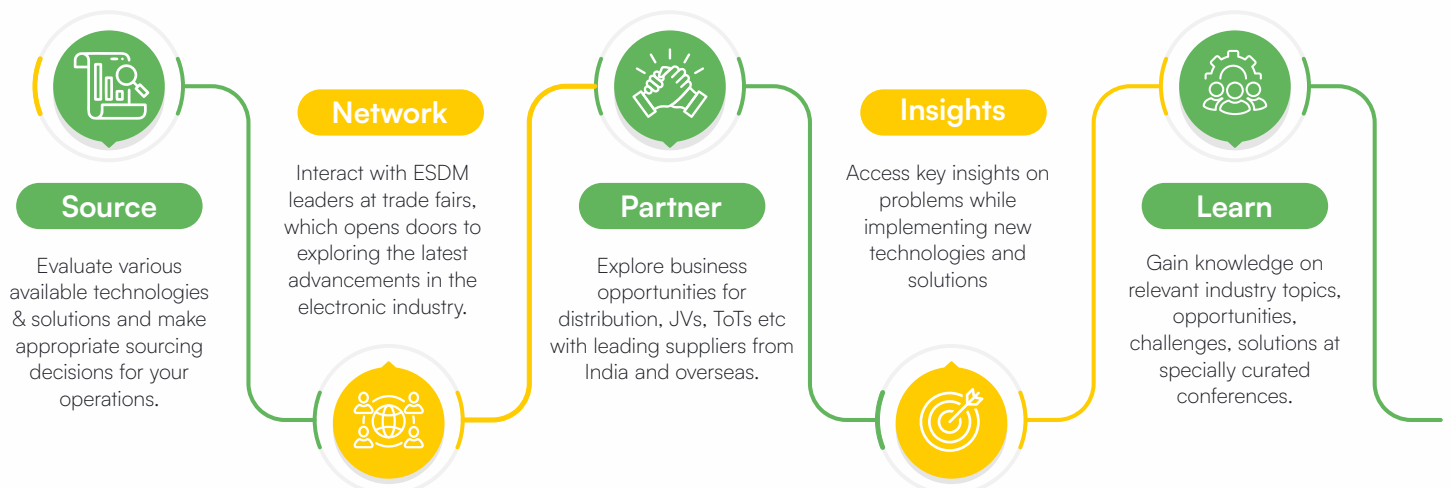
- Business matchmaking platform linking exhibitors with buyers.
- Features pre-scheduled one-on-one meetings for sourcing solutions.
- Engages manufacturing companies and government research institutes from India & abroad.



Conference on 'Smart Manufacturing with Lasers'

- Showcases new products, technologies and innovations in lasers & photonics.
- Industry expert presentations, technical sessions and industry talks.
- Attended by professionals from manufacturing, laser processing, system manufacturing and research sectors.

Why Visit?



The World of Photonics Global 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.



1,02,081

Visitors
(Worldwide)



2,609

Exhibitors
(Worldwide)



1,51,000

Square meters total
space (Worldwide)



6,300

Congress
Participants

Indian Market Overview

- ▶ The Indian laser market is anticipated to expand significantly, growing from \$1.83 billion in 2025 to \$4.23 billion by 2030, growing at 18.20% CAGR.
(Source: mordorintelligence.com)
- ▶ With a newly approved \$10 billion initiative aimed at building a sustainable semiconductor and display ecosystem, India anticipates a 9% average annual growth in its manufacturing GDP from 2022 to 2026.
(Source: businessworld.in)
- ▶ The global movement towards Quantum technologies has brought together academics, companies and investors as it is expected to have an impact on sectors ranging from computing and networking to sensing and security. Recognizing this, India is strengthening ties with top research institutions and universities. The Indian tech sector is also accelerating its efforts to develop practical quantum solutions to real-world business problems.
(Source: avasant.com)
- ▶ Union Minister of Road Transport and Highways, Nitin Gadkari predicts a substantial expansion of India's EV sector, projecting annual sales to reach 10 million units by 2030. This growth, up from the current 3 million registered EVs, is anticipated to generate 50 million jobs

and a market value of \$266 billion. The sector's rapid acceleration is evidenced by a 300% sales increase in 2022 and the emergence of 400 EV startups.
(Source: fortuneindia.com)

- ▶ The Indian medical laser market is expanding rapidly, projected to grow from \$715.72 million in 2023, to \$1.835 billion by 2031, at 12.49% CAGR between 2024 and 2031.
(Source: marketsanddata.com)
- ▶ The Indian additive manufacturing sector is experiencing substantial growth. Valued at \$677.4 million in 2023, it's projected to surge to \$3.75 billion by 2030, at 26.1% CAGR during 2024 to 2030. Similarly, unit volume is expected to climb from 37,000 in 2023 to 234,000 by 2030, with a CAGR of 17.4% over the same period.
- ▶ India Photonics Market Overview: By 2030, the Indian photonics market is projected to reach a size of \$92.75 billion, growing at 7.3% CAGR between 2024 and 2030. This market expansion is driven by the rising demand for photonics technology, which involves the generation and control of light energy, in diverse fields such as aerospace, healthcare, and environmental technologies.

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
- ▶ Textile
- ▶ Signage
- ▶ Shoes and Leather products
- ▶ R&D centres
- ... to name a few

Southern Region

- ▶ Automobile
- ▶ Automotive components
- ▶ Textile
- ▶ Steel
- ▶ Electronics
- ▶ Bio-Technology
- ▶ Solar equipment
- ▶ Machine tools
- ▶ Aerospace
- ▶ Semiconductor
- ▶ Precision engineering
- ▶ Optics
- ▶ Research institutions
- ▶ R&D centres
- ... to name a few

Eastern Region

- ▶ Mining equipment
- ▶ Food processing
- ▶ Packaging
- ▶ Textile
- ▶ Agro products
- ... to name a few



Why Bengaluru?

An ideal hub for laser professionals

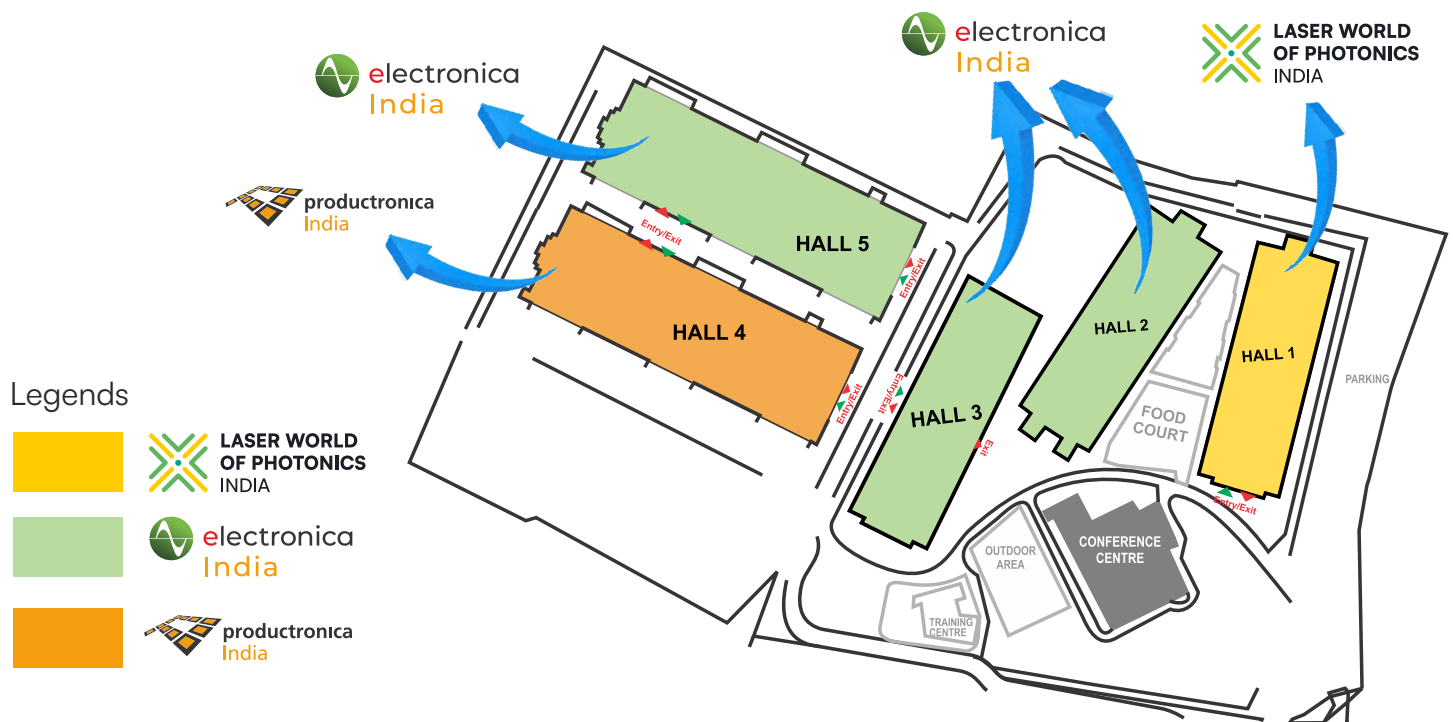
In 2025, the trade fair is moving to Bengaluru. This is the 6th time that the expo will be held in Bengaluru. The heavily industrialized region leads the nation in fields such as precision tool manufacturing and is the world's fourth largest technology cluster after Silicon Valley, Boston and London. With its potent industry platform Laser World of Photonics India, Messe Muenchen India is supporting the southern Indian region's strategy of harnessing this modern technology for production purposes. The trade fair in Bengaluru taps into the state of Karnataka with its more than 61 million inhabitants and, further afield, cluster regions for application and research, such as Chennai and Cochin.

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

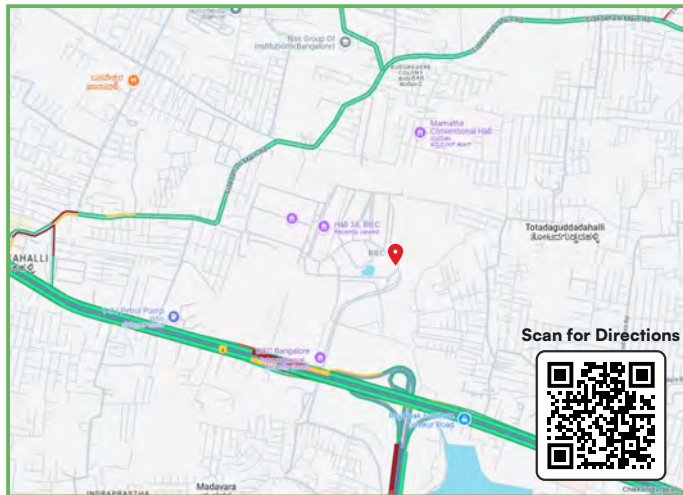
In addition to practitioners from the industry, Laser World of Photonics India is also an important meeting place for optics and laser technology researchers and developers. The accompanying conference program enables them to present their vision, exchange ideas and help take the Indian photonics industry to the next level. Karnataka and other South Indian states are preeminent in optics and laser research and development. The region boasts a wealth of universities, engineering schools and polytechnic universities.

Fairground Plan

Bangalore International Exhibition Centre (BIEC), Bengaluru



Venue Location



Bangalore International Exhibition Centre (BIEC), Bengaluru



Kempegowda International Airport
Bengaluru - Terminal 1 & 2
1 hr 10 min & 1 hr 16 min drive



Madavara metro station to BIEC walking 10 min (700.0 m) via BIEC Rd



Venue is easily locatable on maps



Buses going to BIEC Madavara Cross, 3 min walking

Venue and Timings

Show Dates:
17 - 19, September 2025

Business Hours:

- 17th - 18th September 2025
10.00 am — 6.00 pm
- 19th September 2025
10.00 am — 5.00 pm

Venue:
Hall No 1,
Bangalore International Exhibition Centre,
10th Mile, Tumkur Road,
Bengaluru 562 162

For participation contact:

Bhushan Kasbekar
Director — Business Alliances
Mobile: +91 98330 30864
Email: bhushan.kasbekar@mm-india.in

Devisha Patra
Project Manager
Mobile: +91 96731 19912
Email: devisha.patra@mm-india.in

International Messe München GmbH
Messegelände, 81823 München, Germany

Alexandra Ehrhart
Exhibition Manager
Tel: +49 89 949-20319
Email: info@world-of-photonics-india.com

Messe Muenchen India Pvt. Ltd.
Unit No.1271, Solitaire Corporate Park, 7th Floor, Building No.12,
167, Guru Hargovindji Marg, Andheri-Ghatkopar Link Road,
Andheri (East), Mumbai — 400 093
Tel.: +91 22 4255 4700.

Scan to Exhibit

