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## Press Release

### **Lasers and photonics for precision engineering in automotive industry**

- Indian automotive market is matured with scope for penetration in precision engineering
- Upcoming trade fair LASER World of PHOTONICS INDIA to bring laser and optical solutions best suited for the Indian automotive market

It is noteworthy that the automotive production in India has grown to 25 million units in FY'17 from 7.2 million units in FY'04 wherein growth is primarily driven by two wheelers and passenger vehicle segments. Owing to factors such as industry rebound, economic upturn, rising vehicle penetration (expected to double by 2020) the growth in the Indian automotive industry is fueled by increase in high income group customers, high demand due to increasing inter-city commute among many other favorable factors.

The market is matured with scope for penetration in precision engineering, where laser and photonics technologies bridge this gap. Laser techniques, which are likely to continue to be important, have several advantages over traditional metal-joining technologies within the automotive sector.

Leading automotive manufacturers, including Audi, BMW, Toyota, Nissan, Volvo, Volkswagen, Hyundai among others have been pursuing new laser technologies to increase their product value and achieve production efficiencies. The Indian automobile market is rapidly opting for advanced laser technologies more than ever before because of their need to achieve unmatched speed, accuracy and precision.

In its endeavor to bring new market technologies to your doorstep, Messe Muenchen India is organizing the 7<sup>th</sup> edition of LASER World of PHOTONICS INDIA in Bengaluru from September 26-28, 2018 at the Bangalore International Exhibition Centre (BIEC). The trade fair will showcase modern laser and photonics technologies suitable for all business sizes, applications and requirements. More than 160 companies will be displaying various low-to-high-power fiber lasers, cutting-edge laser and optical technologies as well as components and complete laser systems. About 8,000 attendees comprising of industry professionals, scientists, researchers, technicians, students and laser enthusiasts will be attending the trade fair.

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LASER World of PHOTONICS INDIA 2018 will also feature the **3D Manufacturing Summit** on September 26, 2018, a conference jointly organized with UBS Forums. Attendees gain a comprehensive understanding of the state-of-the-art in 3D printing and the latest technological advances in 3D printers and their applications for the Indian market. For the second time in 2018, the trade fair will feature the '**Additive Manufacturing Insight Pavilion**', a dedicated special exhibition area showcasing laser-based processes and systems for additive manufacturing in industrial applications.

The show also features the 4<sup>th</sup> **Machine Vision Pavilion** – focusing industrial image processing - and the 4<sup>th</sup> **Buyer Seller Forum**, where top buyers looking for specific technologies or solutions network with exhibitors face-to-face. More than 350 face-to-face meetings are expected to be conducted between the buyers and sellers during the upcoming show.

Bhupinder Singh, Chief Executive Officer of Messe Muenchen India said: "We have an excellent showcase of technology this year at the show coupled with our new conferences and special pavilions, I am confident that attending the trade fair will be highly beneficial for all stakeholders."

Leading companies such as Advanced Photonics, Coherent Laser India, Forbes & Company, Kirti Lasers, Meera Laser Solutions, Sahajanand Laser Technology Limited (SLTL), Scantech Laser, Suresh Indu Lasers, TRUMPF India and many others have already confirmed their presence at the trade fair.

**To know more about LASER World of PHOTONICS INDIA:**

[world-of-photonics-india.com](http://world-of-photonics-india.com)

**LASER World of PHOTONICS INDIA**

LASER World of PHOTONICS INDIA is the only regional trade fair for laser and optical technologies in India. It has been held every year since 2012 in different places in India. In 2017 the trade fair attracted 6,404 visitors, 160 exhibitors and 10 represented companies. The next LASER World of PHOTONICS INDIA will take place from September 26 to 28, 2018 at the Bangalore International Exhibition Center (BIEC), Bengaluru. [www.world-of-photonics-india.com](http://www.world-of-photonics-india.com)

**The LASER World of PHOTONICS global network**

LASER World of PHOTONICS has developed an international trade fair network. LASER World of PHOTONICS in Munich is the world's leading trade fair for the laser and photonics industry. The World of Photonics Congress is Europe's largest photonics congress. LASER World of PHOTONICS CHINA and LASER World of

PHOTONICS INDIA are leading regional trade fairs for laser and optical technologies and are staged annually in China (Shanghai) and India (with alternating locations). Messe München is the world's leading trade fair organizer for lasers and photonics.

**About Messe München**

Messe München is one of the leading exhibition organizers worldwide with more than 50 of its own trade shows for capital goods, consumer goods and new technologies. Every year, a total of over 50,000 exhibitors and around three million visitors take part in more than 200 events at the exhibition center in Munich, at the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. With a network of associated companies in Europe, Asia, Africa and South America as well as around 70 representations abroad for over 100 countries, Messe München has a global presence