



Market Analysis

Photonics: Optics, Lasers & Imaging Conference during November 05-06, 2020, San Fransisco, USA

Mário Ferreira

Department of Physics, Institute of Nanostructures, Nanomodelling and Nanofabrication, University of Aveiro, Portugal, E-mail: mfernando@ua.pt

Market Analysis for Lasers & Imaging Conference

Conference Series LLC Ltd is all set to focus its attention on the global public health concerns. Conference Series LLC Ltd scheduled 1000+ annual scientific conferences, 2000+ International workshops, seminars, exhibitions and symposia.

Conference Series LLC Ltd pediatric conferences would offer a powerful global forum to encourage talks on the advancements related to optics.

Hilaris Conferences is going to host its premier Photonics: Optics, Lasers & Imaging Conference during November 05-06, 2020, San Fransisco, USA. Laser, Optics & PHOTONICS aims to create a bridge between academia and industry by providing vast learning opportunities in multidisciplinary sectors and applied fields of Optics, Laser. Hilaris Conferences along with its Photonics: Optics, Lasers & Imaging Conference, will gather all the stakeholders of the emerging Photonics, Laser & Optics sector and will offer the best platform to exchange knowledge and network. Hilaris Conference welcomes you to be a part of this Laser, Optics & Photonics Conference which will offer you an unforgettable experience.

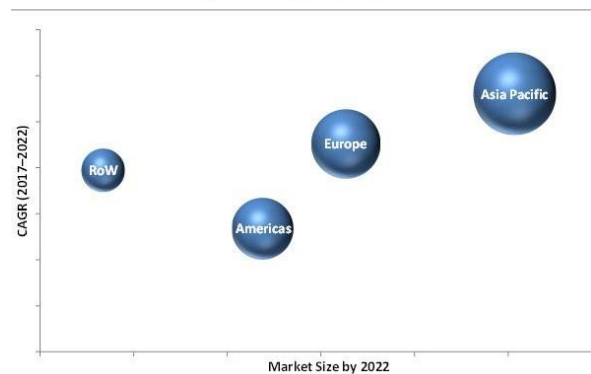
Importance & Scope

Optics Laser and Laser Technology is one of the growing fields and scope of optics and laser technology encompasses in several areas such as development in all different types of lasers, development in optoelectronic devices & photonics and development in optical instruments & components. It has many Medical applications mainly in the field of ophthalmology, radiology, dentistry, and dermatology and it also has many Industrial applications such as laser cutting, laser welding, laser scribing etc. At present the laser technology market is around \$7 billion and it is expected to grow up to \$17.06 billion by the year 2020.

According to the new market research report on the "Laser Technology Market by Type (Solid, Liquid, & Gas), Application (Optical communication & laser processing), Vertical (Commercial, Telecom, Research, Defense, Medical, Automotive, Electronics, & Industrial), & Geography - Global Forecast to 2022", this market is expected to be valued at USD 15.38 Billion by 2022, at a CAGR of 5.2% between 2017 and 2022. The major factors driving the growth of the laser technology market include increasing demand from the healthcare sector and shift towards production of nano and

micro devices, and enhanced performance over the traditional material processing techniques.

Laser Technology Market, by Geography, 2022 (USD Billion)



The global laser diode market is expected to grow at a CAGR of 13.0% between 2015 and 2020. The Asia-Pacific region is expected to dominate the market at a CAGR of 15.0% between 2015 and 2020. The major companies involved in the laser diode market such as

- Osram Licht Group (Germany)
- Panasonic Semiconductor Solutions Co., Ltd. (Japan)
- ROHM Co., Ltd. (Japan)
- IPG Photonics Corp. (U.S.)
- Sharp Corp. (Japan)
- Coherent, Inc. (U.S.)
- Hamamatsu Photonics K.K. (Japan)
- JDS Uniphase Corp. (U.S.)
- Jenoptik AG (Germany)
- Newport Corp. (U.S.)
- Rofin-Sinar Technologies, Inc. (U.S.)
- Finisar (U.S.), Avago Technologies (Singapore)
- Trumpf GmbH + Co. KG (Germany)
- Nichia Corp. (Japan)

The global adaptive optics market is expected to reach USD 7,666.4 Million by 2020, at a CAGR of 99.4% between 2015 and 2020. The military & defense sector was the largest contributor to the overall adaptive optics market, accounting for a share of 56.1% in 2014. The biomedical sector accounted for a share of 21.7% of the market in 2014. The Americas accounted for the largest share of 44.0% of the Adaptive optics market in 2014; it is expected to grow at a CAGR of 94.0% between 2015 and 2020.