

3rd International Conference and Exhibition on Lasers, Optics and Photonics

Date and Venue: September 01-03, 2015, Valencia, Spain

(Theme: Advancing research and Featuring technologies in Lasers, Optics and Photonics)

About the Conference

Optics-2015 welcomes attendees, presenters, and exhibitors from all over the world to Valencia, Spain. We are delighted to invite you all to attend and register for the "International Conference and Exhibition on Lasers, Optics and Photonics (Optics-2015)" which is going to be held during September 01-03, 2015 in Valencia, Spain.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Optics-2015**, where you will be sure to have a meaningful experience with scholars from around the world. All members of the **Optics-2015** organizing committee look forward to meeting you in Valencia, Spain.

For more details please visit <http://optics.conferenceseries.com/>

Importance & Scope

Optical science is studied in many related disciplines including astronomy, various engineering fields, photography, and medicine (particularly ophthalmology and optometry). Practical applications of optics are found in a variety of technologies and everyday objects, including mirrors, lenses, telescopes, microscopes, lasers, and fiber optics. In the last 30 years lasers have become generally accepted in science and technology, as well as in industry, medicine, and protection of the environment. Optical systems are ubiquitous in modern society, from Medical sciences to space exploration, telecommunications, information processing and innumerable industrial and military applications of all kinds.

Why Valencia?

Valencia is the capital of the autonomous community of Valencia and the third largest city in Spain after Madrid and Barcelona, with around 809,000 inhabitants in the administrative centre. Valencia is also Spain's third largest metropolitan area, with a population ranging from 1.7 to 2.5 million. The city has global city status; the Port of Valencia is the 5th busiest container port in Europe and the largest on the Mediterranean Sea, with a trade volume of 4.21 million.

Valencia was founded as a Roman colony in 138 BC. The city is situated on the banks of the Turia, on the east coast of the Iberian Peninsula, fronting the Gulf of Valencia on the Mediterranean Sea. Its historic centre is one of the largest in Spain, with approximately 169 acres; this heritage of ancient monuments, views and cultural attractions makes Valencia one of the country's most popular tourist destinations filled with vibrant and historical places. In Valencia a wide-scope of research take place in several areas of photonics, including information technologies, nanophotonic devices, optical sensors, ultrafast optics, optoelectronics and biophotonics. Currently there are more than 32 Photonic research institutes and nearly 45 Photonic companies.

Valencia is the centre of international and avant-garde design, and one of the most bustling cities in Europe regarding fairs and conferences. This city is an industrial centre which expanded its cultural and touristic possibilities, and transformed it into a newly vibrant city. Many restored local landmarks including the ancient Towers of the medieval city (Serrano Towers and Quart Towers), the

San Miguel de los Reyes monastery holding a conservation library and whole sections of the old city, for example the Carmen Quarter are centre of attraction.

Conference Highlights

- Advanced Science and Technology for Laser Systems
- Optics and Lasers in Medicine
- Optoelectronics Engineering
- Optical Communications and Networking
- Advancements in Photonics
- Nanophotonics and Biophotonics
- Quantum Science and Technology
- Featured Technologies in Lasers, Optics and Photonics
- Applications and Trends in Optics and Photonics

Why to attend???

3rd International Conference and Exhibition on Lasers, Optics & Photonics is an international optics conference encompassing clinical, translational, and fundamental research and its involvement for the development in the field of lasers, optics and Photonics. It provides a premier technical forum for reporting and learning about the latest research and development, along with launching new applications and technologies. Events include hot topics presentations from all over the world and professional networking with industries, leading working groups and panels.

A Unique Opportunity for Advertisers and Sponsors at this International event:

<http://optics.conferenceseries.com/sponsors.php>

Major Optics Associations in Europe

- European Acoustics Association (EAA)
- European Biophysical Societies' Association (EBSA)
- European Colloid and Interface Society (ECIS)
- European Federation of Organizations for Medical Physics (EFOMP)
- European Group for Atomic Spectroscopy (EGAS)
- European Optical Society (EOS)

Target Audience

Researchers, Engineers, academicians who work with optics and photonics to solve problems in medicine and biomedicine, Astronomy, ophthalmology and optometry, Application and product developers, Design engineers, Nanoscience Engineers, Organic Photonical researchers, Electronic and Optical Engineers and talented student community from leading Universities.

Top Universities in Spain

- University of Barcelona
- University of La Laguna
- Autonomous University of Barcelona

University of Madrid
The University of Cantabria

Laser applications range from commodity optics for LED lighting and smart phones to exotic and custom optics for microlithography and astronomy, and infrared to ultraviolet applications. Several of the leading photonics companies in the world views on different technologies, and opinions about future challenges and opportunities for manufacturers and integrators of lasers and photonics products.

Top Photonics Companies in Spain

- DAS Photonics
 - Geo Semiconductor Inc
 - VLC Photonics
 - Fotonica
- Glance at Market of Lasers, Optics & Photonics

Market Growth of Lasers, Optics & Photonics

Statistics which shows growth in importance of Lasers, Optics and Photonics

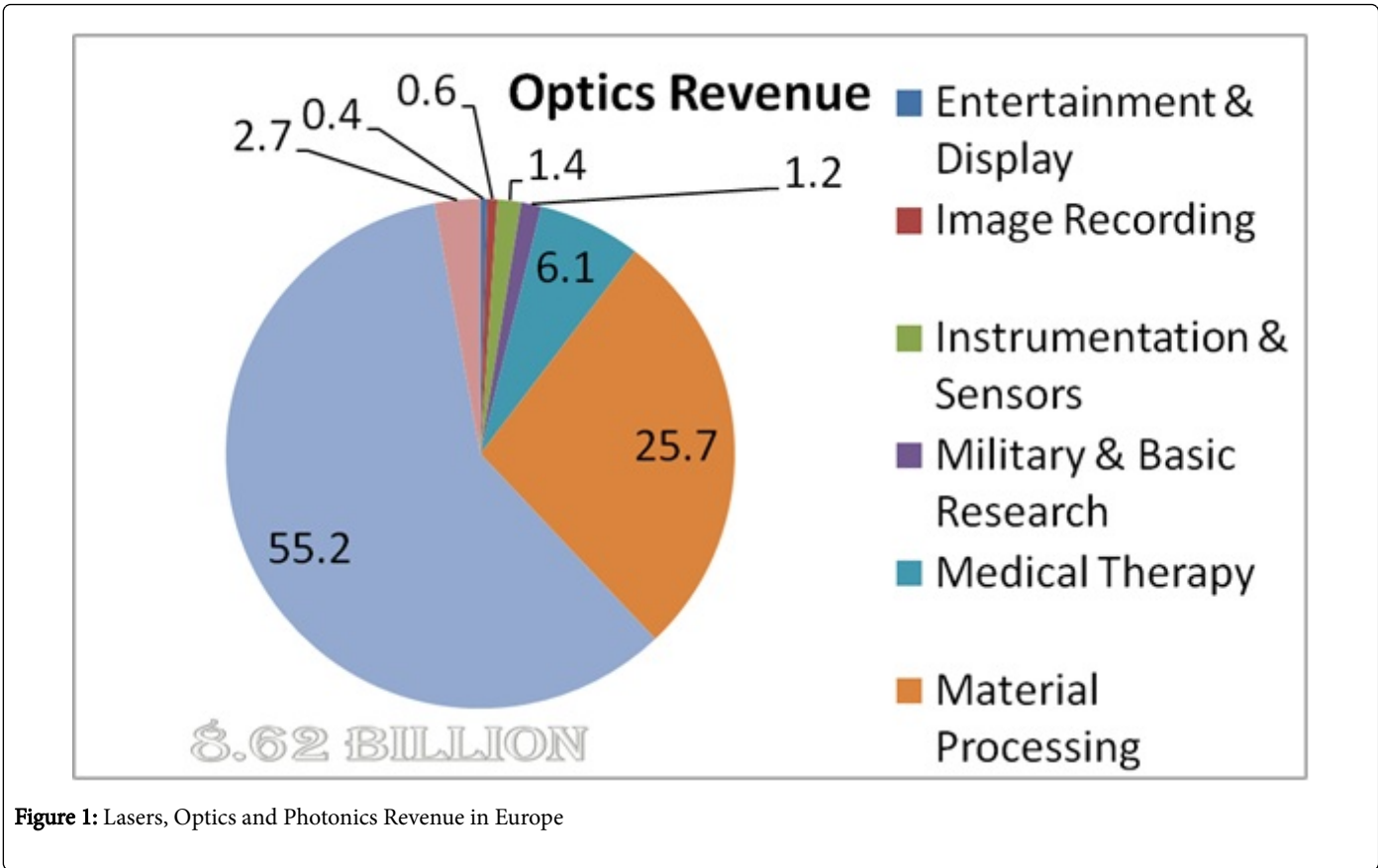


Figure 1: Lasers, Optics and Photonics Revenue in Europe

Source: [Reference1](#)

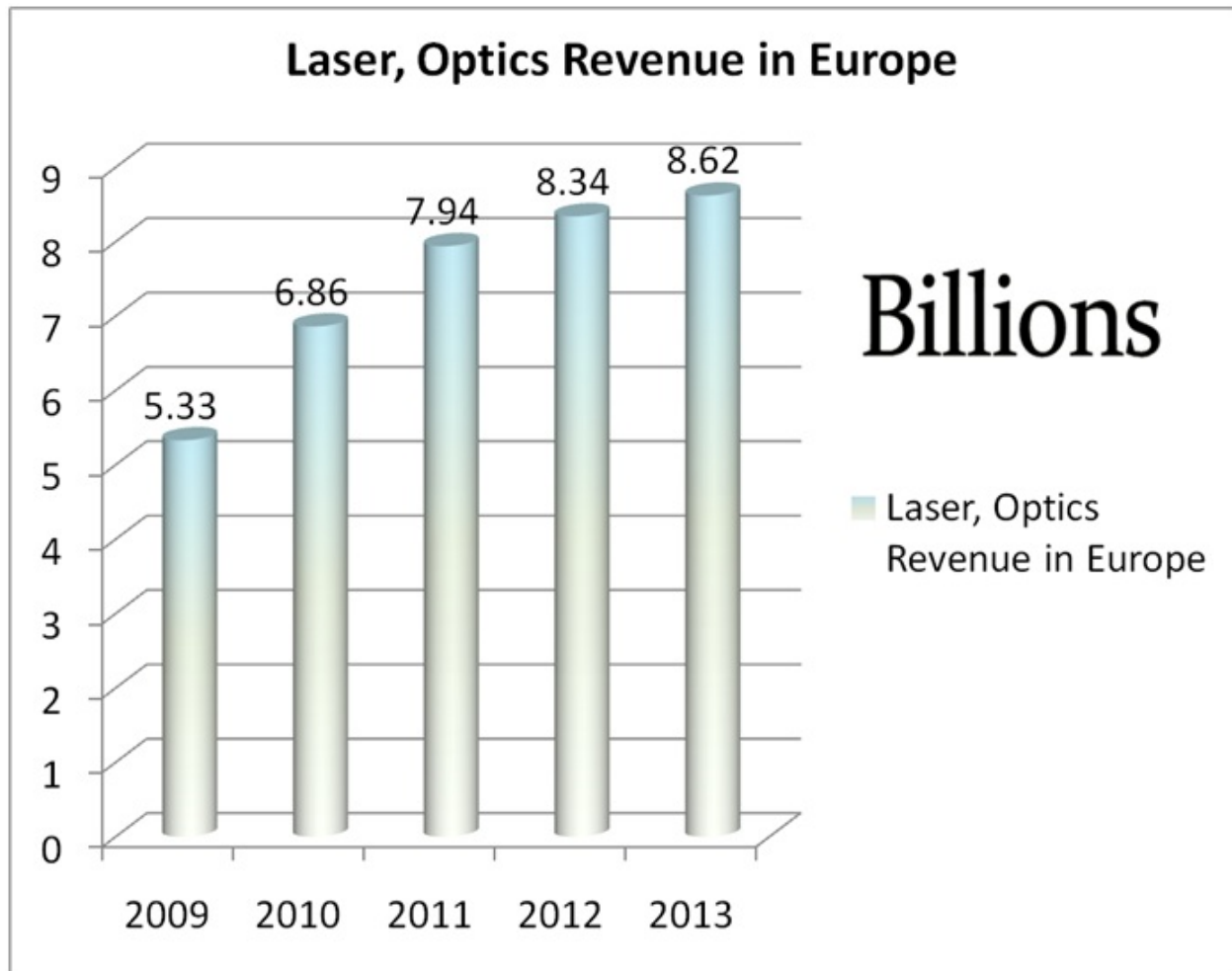


Figure 2: Laser, Optics revenue in Europe

Source: Reference 2

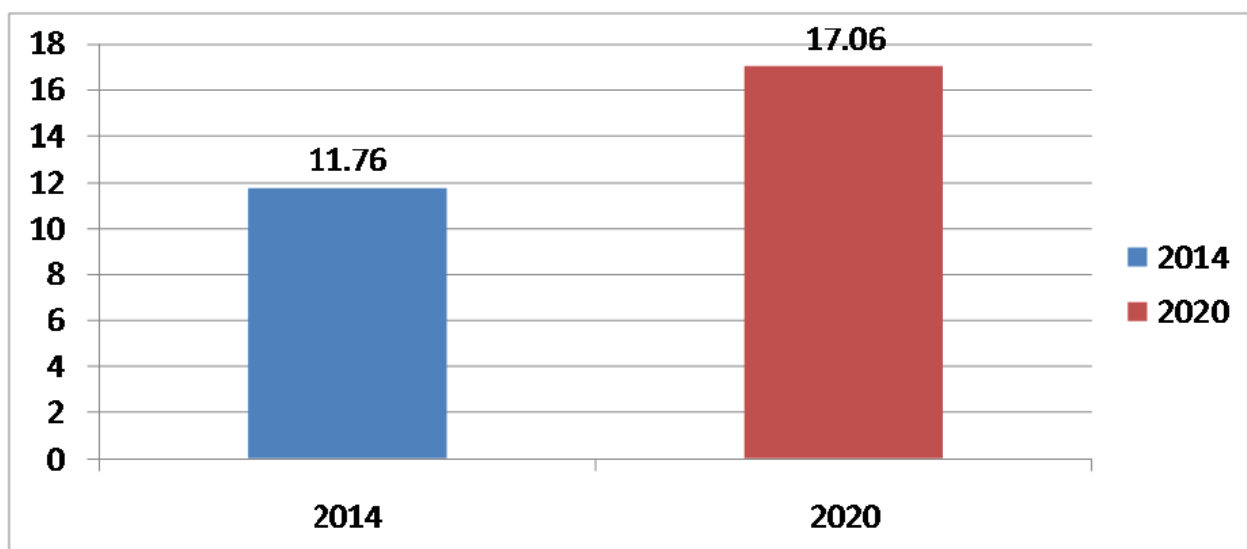


Figure 3: World Market growth rates for laser, Optics & Photonics in Billions

Source: Reference 3

References

1. <http://www.laserfocusworld.com/articles/print/volume-50/issue-01/features/laser-marketplace-2014-lasers-forge-21st-century-innovations.html>
 2. <http://www.laserfocusworld.com/articles/print/volume-50/issue-01/features/laser-marketplace-2014-lasers-forge-21st-century-innovations.html>
 3. <http://www.marketsandmarkets.com/Market-Reports/laser-technology-market-795.html>
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