

International Conference on

# LASER, OPTICS & PHOTONICS

Paris, France | August 23-24, 2018

Theme: "Exploring the Boundless Escalations  
in  
Laser, Optics & Photonics".

Scan to  
discover more !



Laser Tech 2018



Laser, Optics & Photonics Innovations  
and Research  
Outlook

Laser Tech 2018



## Future Shape of Laser, Optics and Photonics: Accessions, Organizations & Research

Conference Dedicated to Innovate Solution to the Public Health Challenges

Your single Destination to reach Largest Assemblage of participants from

Laser, Optics and Photonics Community

Opportunity beyond any Comparison to Attend & Network

Experience the Global Ambiance with Researchers with Similar Significance

Make New Associations and Fostering Potential Partnerships

Learning & Knowledge in a Single Package

Worldwide Acknowledgement to your Research Profile

Explore the best in Cutting Edge Research

Learn Beyond your Field of Interest

Professional Development to Elevate your Knowledge and Skills

## Laser Tech 2018

**Speakers Representation from 50+ Countries**

**1 Conference | 2 Days**

**15 Keynote Talks | 75 Plenary Speakers | 17 Interactive sessions**

**Symposia | Workshops | Best Poster Award**

**200 Attendees | 50 Professors | and many more . . .**

## Greetings!

Welcome to most exciting and fascinating Paris, France!

Within this splendid setting, we plan to deliver a conference that will exceed your expectations.

During this year's Conference, we hope that you will seize the opportunity to rekindle ongoing connections and spark new ones with your colleagues from around the globe. It's with great pleasure and great honor to invite you to the "***International Conference on Laser, Optics and Photonics***" scheduled during ***Aug 23-24, 2018*** at ***Paris, France***.

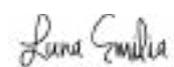
The Conference will be organized around the theme "***Exploring the Boundless Escalations in Laser, Optics and Photonics***"

Laser Tech 2018 anticipates more than 500 participants around the globe to experience thought provoking Keynote lectures, Oral & Poster presentations. This year conference will offer ample opportunities for all stakeholders working on Laser, Optics and Photonics to expose their research work.

Our conference aims to gather the Researchers, Principal Investigators, Experts, Neurologists, Ophthalmologists, Dermatologists, Oncologists, Dentists and Researchers working with Laser Treatments, Researchers related to Optics and Photonics from the Physics Community from both academia and health care industry, Business Delegates, Scientists and Students across the globe to provide an international forum for the dissemination of original research results, new ideas and practical development experiences.

This year's Conference program, coupled with the Business Opportunity Exchange, is an event you can't afford to miss!

Sincerely



Luna Emilia

Program Manager | Laser Tech 2018

Organizing Committee

Laser Tech 2018 Conference that dedicated to Innovate Solution to the Healthcare Industry through its technology, one conference which future the shape of technological growth of Laser, Optics and Photonics. Our Conference will organize and allow to access the global researchers around the world in a single platform. Laser Tech 2018 will provide a great opportunity beyond any comparison to attend and network with Physics and Healthcare Community.

Join us at our 2018 edition of Laser, Optics and Photonics to experience the Global Ambiance with the Researchers who work with similar significance of research. Laser Tech 2018 will help you to get answers to all your queries related to your research work and also it creates an great opportunity to make new associations and also helps to foster potential partnerships. Laser Tech 2018 will be an great platform for you to create long lasting relationship with the fellow researchers from Physics and Laser Treatments Community.

Get worldwide acknowledgement to your research profile where more than 55000 Visitors who analyzed our conference website to attend and submit proposals of their research work. Where this was recorded as the highest number of Visitors from both, developed and developing nations. While we penetrate the study of visitor, navigation, and traffic patterns to determine the success of our conference website majority amount of traffic we receive from cities like New York, London, Valencia, Amsterdam, Madrid, Barcelona, Athens, Sydney, Paris, Frankfurt, Tokyo, Osaka, Melbourne, Moscow and Vienna.

Laser Tech 2018 website is attracting 56000+ Ophthalmologists, Neurologists, Oncologists, Dermatologists, Dentists, Surgeons, Neurosurgeons and Neuro Oncologists, Research Scientists, Laser Organizations and Societies, Optical Societies, Photonics Societies, Physics Societies, Laser Instruments Manufacturing Companies, Professors and Students.

This unique opportunity that we extend to our speakers and attendees is not being offered by any other conference organizers. Through this the abstracts and research profiles of our speakers and organizing committee members getting global visibility which is an additional feature that you would be receiving in addition to networking opportunities before, during and after the conference.

## Laser Tech 2018 salient features

- Meet Academia and Industry visionaries to get inspired
- Expand your knowledge and find solutions to problems
- Knowledge, Benchmarking and Networking offered at one place
- Forge connections and for global networking
- Highly Organized and Structured Scientific programs
- Poster presentations and world class exhibitions
- Participation by Stalwarts from various international societies
- Internationally renowned speakers and scientists representation
- Career guidance for early career researchers and students
- Interesting scientific deliberations and discussions
- Perfect platform for Global Networking

## THURSDAY, August 23

08:00-09:00

Registration

09:00-09:30

Opening Ceremony

09:30-10:15

Keynote Forum fi 01

10:15-11:00

Keynote Forum fi 02

11:00-11:30

Networking Reception and Refreshment

11:30-12:15

Keynote Forum – 03

12:15-12:45

Keynote Forum – 04

12:45-13:15

Business Opportunity Exchange & Lunch

13:15-15:00

Plenary Sessions – 01

15:00-16:00

Parallel Session 01-Hall 1

General Session 02-Hall 2

Parallel Session 03-Hall 3

16:00-16:30

Networking Reception and Refreshment

16:30-18:00

Concurrent Work shops

## FRIDAY, August 24

09:00-09:30

Registration

09:30-10:15

Keynote Forum – 01

10:15-11:00

Keynote Forum – 02

11:00-11:30

Networking Reception and Refreshment

11:30-12:15

Keynote Forum – 03

12:15-12:45

Concurrent Work shops

12:45-13:15

Business Opportunity Exchange & Lunch

13:15-15:00

Plenary Sessions – 02

15:00-16:00

Parallel Session 04-Hall 1

General Session 05-Hall 2

Parallel Session 06-Hall 3

16:00-16:30

Networking Reception and Refreshment

16:30-18:00

Awards Banquet and Closing Ceremony

## Purpose

With members from around the world focused on learning about Laser, Optics and Photonics, this is your single best opportunity to reach the largest assemblage of participants from the scientific community.

Conduct demonstrations, distribute information, meet with eminent personalities, and make a splash with latest research innovations at this outstanding event.

## Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration.
- The goals of the conference is to provide a transformative professional development experience.
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about Laser, Optics and Photonics to present the most recent research findings, and promote and enhance scientific collaborations around the world.
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address Laser Treatments and their limitations and overcome barriers that limit access to care and services.

## Objectives

After participating in this meeting, attendees should be able to

- Discuss emerging issues in Laser, Optics and Photonics.
- Discuss and apply recent research findings related to Laser, Optics and Photonics.
- Disseminate the diverse voices of breakthrough innovators with visionary and practical solutions.

## Who should attend?

Physics Researchers, Dermatologists, Ophthalmologists, Dentists, Surgeons, Professors, Scientists, Neurologists, Neurosurgeons, Research Scientists, Laser Societies, Photonics Societies, Optical Societies, Business Delegates, CEO's, R&D Heads from Industries, Directors, Professors and Students from Academia, researchers who utilize novel techniques.

## Scientific Sessions

- |  |                                      |
|--|--------------------------------------|
| Surface Enhanced Spectroscopy            | Optical Coherence Tomography Imaging |
| Optoelectronic Integrated Circuits       | Low and High Level Laser Therapies   |
| Lasers in Ophthalmology                  | Photonics                            |
| Lasers in Cancer Diagnosis and Detection | Advancements in Photonics            |
| Lasers Repair Skin and Eyes              | Nano Photonics                       |
| Gynecological Laser Surgery              | Bio Photonics                        |
| Laser Corrections in Ophthalmology       | Optical Imaging and Sensing          |

## Laser Tech 2018 Outlook

Explore the best in Cutting edge Research.

Change to Learn beyond your Field of Interest.

Keynote Sessions by worlds most Eminent and Distinguished Researchers.

Conference Participation Inspires, Rejuvenate and Energize participants.

Laser Tech 2018 an unique platform to increase your reputation within the Physics and Medical Sector.

Learning and Knowledge in a single package.

Speaker's representation from 50+ Countries.

1 Conference | 2 Days



Lasers, Optics and Photonics Technology is one of the growing fields and scope of Optics and Laser Technology encompasses in several areas such as development in optoelectronic devices & photonics, 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. The industrial applications are Laser cutting, Laser welding, Laser scribing etc. This is not only used in medical field but also used in communication, Military operation. 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, Application, Vertical & 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.

Global Photonics Sensor Market is expected to garner \$18 billion by 2021, registering a CAGR of 17.7% during the forecast period 2016-2021. The photonic sensors market has gone through a drastic change based on the research that have been conducted in the photonic technology in the past. The photonic technology has advanced into a phase where it is being used in varied fields. The innovations in the field of fiber optics has spurred the development of photonic sensors. These developments have expanded the spectral range of sensors being used in several industries. Photonic sensors offer better sensing function and it is expected that this technology would give a high return on investment in the long run. The photonic industry is now focusing on development of efficient products and it is projected that over the next few years eco-friendly and energy saving photonic sensors would be developed and launched into the market. Need for enhanced safety and security solutions, better alternative for conventional technology and rise in wireless sensing technology are some of the major factors that act as drivers for the photonic sensor market. Similarly, lack of industrial and technological standards, high initial investments and lack of awareness can be considered as restraints for the market.

According to the new market research report “Silicon Photonics Market by Component (Optical Waveguides, Optical Modulators, Photo Detectors, WDM, Lasers), Product (Transceivers, Active Optical Cables, Multiplexers, and Attenuators), Application, and Geography - Global Forecast to 2022”, this market is expected to be worth USD 1,078.9 Million by 2022, at a CAGR of 22.1% between 2016 and 2022. The major driver for the growth of the silicon photonics market is the increasing use in data communication applications. The silicon photonics market in APAC is expected to grow at the highest CAGR between 2016 and 2022.

# Getting Around Paris

## Iconic Architecture

The wrought-iron pinnacle of the Eiffel Tower penetrating the clouds, the broad Arc de Triomphe defending Paris' most fashionable avenue, the Champs-Élysées, the gargoyle Notre Dame cathedral, lamp-lit bridges straddling the Seine and art nouveau cafes trickling on to wicker-chair-lined terraces are ineradicably imprinted in the minds of anyone who's visited the city – and the fancies of anyone who hasn't (yet). With an illustrious artistic pedigree – Renoir, Rodin, Picasso, Monet, Manet, Dalí and Van Gogh are but a few of the masters who lived and worked here over the years – Paris is one of the great art repositories of the world, harbouring treasures from antiquity onward. In addition to big hitters like the unparalleled Louvre, the Musée d'Orsay's exceptional impressionist collection, and the Centre Pompidou's cache of modern and contemporary art, there are scores of smaller museums housing collections in every imaginable genre, and a diverse range of venues mounting major exhibitions through to off-beat installations.

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## Glorious Food

Paris' banqueting is iconic: France's repute for its cuisine precedes it, and whether you hunt for a cosy neighbourhood bistro or a triple-Michelin-starred temple to gastronomy, you'll find every creation vanities itself on gorgeous groundwork and demonstration of quality produce, unvaryingly served with wine. Tantalizing patisseries, boulangeries (bakeries), fromageries (cheese shops) and crowded, colourful street markets are perfect for packing a picnic to take to the city's parks and gardens.

## Stylish Shopping

Parisians are tantamount with style, and fashion shopping is the city's strong suit. Paris remains at the forefront of international trends and glancing emergent and recognized designer boutiques and flagship haute couture houses is an archetypal part of any visit. You'll also find uber-hip concept stores, quirky homeware shops, and resplendent art nouveau department stores, along with a trove of vintage shops and flea markets, atmospheric bookshops (including the dark green bouquiniste stalls – second-hand bookshop – lining the riverbanks), adorable children's wear and toy shops, art and antique dealers, venerable shops selling state-of-the-art professional cookware, and, of course, gourmet food and wine shops galore.

## Accompany Partners' Policy:

We respectfully remind you that partners accompanying delegates/speakers are not eligible to attend conference sessions and do not qualify for refreshments and lunches during the day unless they have registered.

Any partner wishing to attend events not previously selected and paid for in his or her registration may do so at the Conference Registration desk.

We would be pleased to accommodate any requests where possible.

## Registration and Accommodation

### Policy:

Registration and accommodation changes will not be accepted unless made in writing.

Changes made within 14 days of the event may incur costs due to specific hotel and venue policies.

### Cancellation Policy:

Registration cancellations will not be accepted unless made in writing.

Cancellations request made before July 10, 2018 will be refunded less 25% of the Conference Registration fee, to cover administration costs.

No registration refunds will be processed after this date, however, substitute delegates are welcome.

## Conference Secretariat

**Luna Emilia**

Program Manager | Laser Tech 2018

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## Academic

Only Registration: USD 799

Package A (Registration + 2 nights' Accommodation): USD 1199

Package B (Registration + 3 nights' Accommodation): USD 1399

## Business

Only Registration: USD 899

Package A (Registration + 2 nights' Accommodation): USD 1299

Package B (Registration + 3 nights' Accommodation): USD 1599

## Student

Student YRF: USD 599

Student Poster: USD 499 (USD 399 + USD 100 for Poster)

Student Participation without Amenities: USD 150

E-poster: USD 99

## Important Dates

Abstract submission opens: Jan 05, 2018

Registration opens: Jan 05, 2018

Early bird registration: March 31st, 2018

On Spot registration: Aug 23, 2018

## To Register:

Online: <http://laser-tech.alliedacademies.com/registration>

Email us for the Purchase Order or Invoice @ [lasertech@alliedconference.org](mailto:lasertech@alliedconference.org)

[sponsoraac@alliedacademies.com](mailto:sponsoraac@alliedacademies.com)

Call: +44-203-769-1755 to register by phone