



# Brochure

## 3<sup>rd</sup> International Forum on Lasers, Optics and Photonics

August 12-14, 2024

Madrid, Spain

**LOPFORUM2024**

**Email:** [lopforum2024@continuumforums.com](mailto:lopforum2024@continuumforums.com)

**Website:** <https://www.continuumforums.com/2024/lopforum>

# Welcome Note by Dr. Osman Adiguzel

Dear Distinguished Scholars, Engineers, and Colleagues!

It is my great honour and pleasure as a Committee Member, to invite you to join with a contribution to the 3rd International Forum on Lasers, Optics and Photonics, (LOPFORUM2024), which will be held in Madrid, Spain during August 12-14, 2024. The conference contains Plenary Lectures, Keynote Lectures, Invited, Oral Talks, and poster presentations from all over the world. Plenary and Keynote Lectures will be given by the distinguished scholars and experts from academic institutions and industry, and oral and invited presentations will be given by the delegates and poster presentations by young junior participants. This worldwide conference is established for early-career scientists, researchers, academicians, and industrial researchers who are interested in every field of laser, optics and photonic industry. The conference will provide an excellent opportunity to meet distinguished scholars and experts and to exchange new ideas and application experiences, to establish research relations and collaborations for future research and projects. The conference covers a wide variety of Lasers, Optics and Photonics, from Optical Materials, Characterization Methods, and Techniques to Photonic Materials and Meta materials.

International scientific activities are big scientific platforms for the scientists, colleagues, young academicians, and participants from all over the world, to interact and communicate with each other. I believe that the 3rd International Forum on Lasers, Optics and Photonics, (LOPFORUM2024) will provide this opportunity for delegates from different cultures and countries. Also, this conference will be performed successfully, in favor of the qualified scholars, colleagues and experts from all over the world from different cultures and countries, and their valuable and informative presentations. The conference will be very beneficial for young delegates by encouraging them and improving their self-confidence of presenting research in an international platform.

I am pleased to invite the prospective scholars, academicians, engineers, and other scientists to submit their original contributions to this important conference.

**Yours truly,**



**Dr. Osman Adiguzel,**  
Retired Professor of Physics, Firat  
University,  
On Behalf of Organizing Committee,  
Elazig, Turkey



# Sessions

- |  |  |
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| • Lasers, Optics and Photonics                               | • Quantum Photonics and Information Technologies           |
| • Optical Materials, Characterization Methods and Techniques | • Fiber Optics and Photonics                               |
| • Laser Science and Technology & Applications                | • Biophotonics and Microwave photonics                     |
| • Silicon Photonics and Bio-photonics                        | • Photonic Materials and Metamaterials                     |
| • Optical Communications, Switching and Networks             | • Photonic Sensors and Crystals                            |
| • Biomedical Optics  | • Fiber Optics and Fiber Optics Applications               |
| • Semiconductor Lasers                                       | • Fiber Lasers and Nonlinear Lasers                        |
| • Applications of Nonlinear Optics                           | • Ultrafast Laser-Matter Interaction                       |
| • Fiber Optical Sensors and Instrumentation                  | • Photonics for Energy, Green Photonics and Smart Lighting |



# Plenary Speakers



Alex Kazemi,  
ARK International LLC,  
USA



Shu-Chun Chu,  
National Cheng-Kung University,  
Taiwan



Ren-Min Ma,  
Peking University,  
China



Shulin Sun,  
Fudan University,  
China



Qiuhe Peng,  
Nanjing University,  
China



# Keynote Speakers



**Benfeng BAI,**  
Tsinghua University,  
China



**Nooshafarin Kazemikhoo,**  
University of New South Wales,  
Australia



**Dror Malka,**  
Holon Institute of Technology (HIT),  
Israel



**Mario F S Ferreira**  
University of Aveiro,  
Portugal



# Organizing Committee members

- **Aristides Marcano**, Delaware State University, USA
- **Juan Martínez Pastor**, University of Valencia, Spain
- **Pedro Chamorro Posada**, University of Valladolid, Spain
- **Jian Liu**, PolarOnyx, USA
- **Lin Zhou**, Nanjing University, China
- **Zhizhong Xing**, Kunming Medical University, China
- **Xiong Zhao**, China Academy of Engineering Physics, China
- **Yang Yue**, Xi'an Jiaotong University, China
- **Xiaofeng LI**, Soochow University, China
- **Lingjie Kong**, Tsinghua University, China
- **Benfeng BAI**, Tsinghua University, China
- **Jimin Chen**, Beijing University of Technology, China
- **Nooshafarin Kazemikhoo**, University of New South Wales, Australia
- **Christos Riziotis**, Theoretical and Physical Chemistry Institute (TPCI), Greece
- **Shu-Chun Chu**, National Cheng-Kung University, Taiwan
- **Mário Ferreira**, University of Aveiro, Portugal
- **Dror Malka**, Holon Institute of Technology (HIT), Israel
- **Osman ADIGUZEL**, Firat University, Turkey
- **Behnam Khosrozadeh**, Islamic Azad University Malekan Branch, Iran



## Venue: Madrid, Spain

Madrid, city, capital of Spain and of Madrid provincia (province). Spain's arts and financial centre, the city proper and province form a comunidad autonoma (autonomous community) in central Spain.

Madrid's status as the national capital reflects the centralizing policy of the 16th-century Spanish king Philip II and his successors. The choice of Madrid, however, was also the result of the city's previous obscurity and neutrality: it was chosen because it lacked ties with an established non-royal power rather than because of any strategic, geographic, or economic considerations. Indeed, Madrid is deficient in other characteristics that might qualify it for a leading role. It does not lie on a major river, as so many European cities do; the 16th–17th-century dramatist Lope de Vega, referring to a magnificent bridge over the distinctly unimposing waters of the Manzanares, suggested either selling the bridge or buying another river. Madrid does not possess mineral deposits or other natural wealth, nor was it ever a destination of pilgrimages, although its patron saint, San Isidro, enjoys the all-but-unique distinction of having been married to another saint. Even the city's origins seem inappropriate for a national capital: its earliest historical role was as the site of a small Moorish fortress on a rocky outcrop—part of the northern defenses of what was then the far more important city of Toledo, located about 43 miles (70 km) south-southwest.

Madrid was officially made the national capital by Philip III, an entire generation after Philip II took the court to Madrid in 1561. Under the patronage of Philip II and his successors, Madrid developed into a city of curious contrasts, preserving its old, overcrowded centre, around which developed palaces, convents, churches, and public buildings. Pop. (2011) 3,198,645; (2018 est.) 3,223,334.



# Important Dates

Abstract Submission Deadline	February 20, 2024
Earlybird Registration	December 16, 2023
Standard Registration	March 19, 2024
On-spot Registration	August 12, 2024

## Important links:

Website: <https://www.continuumforums.com/2024/lopforum>

Abstract submission: <https://www.continuumforums.com/2024/lopforum/abstract-submission>

Speakers: <https://www.continuumforums.com/2024/lopforum#speakers>

Registration: <https://www.continuumforums.com/2024/lopforum/registration>

**Contact:**

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