

**First announcement**

**Save the Date**

**17<sup>TH</sup> INTERNATIONAL  
CONFERENCE ON  
LASER APPLICATIONS  
IN LIFE SCIENCES**

**15-17 October 2023**

**Muğla, Turkey**

The LALS-2023 official hotline:  
[lals@sciencesconf.org](mailto:lals@sciencesconf.org)

<https://lals.sciencesconf.org>



**2023**

**Muğla, Turkey**

**October 15<sup>th</sup>-17<sup>th</sup> 2023**





Dear Colleagues,

On behalf of the Organizing Committee, we invite you to attend the “17th International Conference on Laser Applications in Life Science” (LALS-2023). The conference is scheduled to be held from October 15-17, 2023 at the Convention Centre of the Liberty Hotels Lykia/Oludeniz in Muğla, Turkey.

The aim of LALS-2023 is to provide a global platform for researchers, engineers, and physicians to present and discuss recent optical techniques and innovations aimed at applications in life science. We hope to bring together professionals and scientists from various areas of life sciences to introduce novel biophotonics methods to healthcare professionals, encourage knowledge exchange, and promote the establishment of cooperation ventures. The scientific program will include plenary and invited talks, and we will also offer a wide range of social programs such as boat cruises and visits to historical places.

We welcome companies and institutions to showcase their state-of-the-art products and equipment in the conference area.

We look forward to your participation in LALS-2023 and meeting you at the conference.

Best regards,

Conference chair,

Prof., Dr. Kirill Larin (University of Houston, USA)

<https://lals.sciencesconf.org>



\* Photo from LALS-2022 in Nancy, France

## International Conference on Laser Applications in Life Sciences

- LALS is a biannual conference series that draws around 150-300 participants from over 30 countries and is held in various locations. The inaugural conference was initiated by Prof. Sergey Akhmanov of M.V. Lomonosov Moscow State University and firstly held in Prague, Czechoslovakia in 1986.
- LALS is one of the leading events in the area of laser applications in life sciences, at the edge of laser physics, photochemistry, photobiology, photobiomedicine, and biophotonics.
- The conference has been held in several locations over the years, including Prague, Czechoslovakia (1986); Pecs, Hungary (1988); Moscow, Russia (1990); Jyvaskyla, Finland (1992); Minsk, Belarus (1994); Jena, Germany (1996); Bratislava, Slovakia (1998); Tokyo, Japan (2000); Vilnius, Lithuania (2002); Moscow, Russia (2007); Taipei, Taiwan (2008); Oulu, Finland (2010); Ulm, Germany (2014); Shenzhen, China (2016); Ramat-Gan, Israel (2018); and Nancy, France (2022).
- The LALS program includes plenary sessions, keynotes, invited papers, and selected contributed oral, poster, and post-deadline papers. It provides a forum for researchers, academics, and industry professionals to exchange ideas and discuss the latest advancements in the field of laser applications in life sciences.



## Topics

- Laser tissue interaction
- Optical imaging
- Tissue modification/ laser surgery and photothermal treatments
- Tissue optical clearing
- Optical measurements
- Laser spectroscopy / Raman / Brillouin
- Terahertz
- Laser microscopy
- OCT
- Elastography
- Optical multimodalities
- Cytometry
- PDT
- Optical sensing
- Fluorescence
- Artificial intelligence
- Laser bioprinting
- Nanobiophotonics
- Emerging technologies and applications

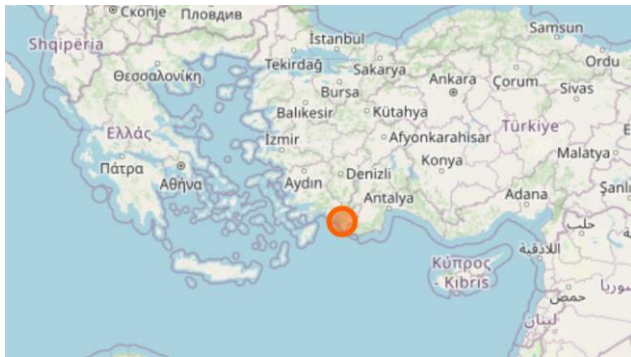
\*Non definitive and exhaustive list

<https://lals.sciencesconf.org>



# Conference venue

The Liberty Hotels Lykia/Oludeniz in Muğla have a wonderful view of seashore and Blue Lagoon.



High-class all-inclusive concept





Registration fee\* packages (regular and student) include:

- Participation in LALS-2023
- Accommodation and meals: high-class all-inclusive concept\*\*
- Round-trip transfer from/to Dalaman airport
- All participants of LALS-2023 can attend joint conferences (MEDOPTICS, APMAS, ENEFM) as listeners

\* *early bird prices are available*

\*\* *meals at the restaurants, unlimited selected local and imported alcoholic and non-alcoholic drinks at the restaurants and bars*

<https://lals.sciencesconf.org>



## IMPORTANT DATES

- Abstract Submission: **May 31, 2023**
- Notification of Acceptance: **June 14, 2023**
- Early bird payment: **June 30, 2023**
- Conference dates: **October 15-17, 2023**

<https://lals.sciencesconf.org>

## Conference Chair

Kirill Larin (University of Houston, USA)

## International Advisory Board

Name	Affiliation	Country
R. Ansari	NASA Glenn Research Center, Cleveland	USA
W. Blondel	University of Lorraine / CRAN, Nancy	France
A. Bykov	University Of Oulu	Finland
A. Chikishev	M.V. Lomonosov Moscow State University	Russia
O. Conde	Universidad de Cantabria	Spain
M. Darwin	Charité Universitätsmedizin, Berlin	Germany
H. Ma	Tsinghua University	China
H. Kano	University of Tsukuba	Japan
M. Kirillin	Institute of Applied Physics RAS, N. Novgorod	Russia
K. Koenig	Saarland University	Germany
K. Larin (chair)	<b>University of Houston</b>	<b>USA</b>
I. Larina	Baylor College of Medicine, Houston	USA
A. Lugovtsov	M.V. Lomonosov Moscow State University	Russia
I. Meglinski	Aston University	UK
T. Novikova	Ecole polytechnique / LPICM, Palaiseau	France
L. Oliveira	Polytechnico de Almeida, Porto	Portugal
C. Otto	University of Twente	Netherlands
A. Popov	VTT Technical Research Centre of Finland	Finland
J. Popp	Institute of Physical Chemistry	Germany
A. Priezhev	M.V. Lomonosov Moscow State University	Russia
A. Rueck	Ulm University	Germany
H. Schneckenburger	Aalen University	Germany
E. Shirshin	M.V. Lomonosov Moscow State University	Russia
V. Tuchin	Saratov State University	Russia
Z. Zalevsky	Bar-Ilan University / Faculty of Engineering	Israel
D. Zhu	HUST, Wuhan	China





The LALS-2023 official hotline:  
[lals@sciencesconf.org](mailto:lals@sciencesconf.org)

Looking forward  
to your  
participation!



See more information on the website:  
<https://lals.sciencesconf.org>

