

INTERNATIONAL CONFERENCE ON LASER PHYSICS, PHOTONICS and APPLI-

October 9-12 2023

Hawaii Paradise Resort, Hurgada, Egypt



Overview

The Arab Physical Society is organizing the International Conference on Laser Physics, Photonics, and Applications in collaboration with the University of South Valley-Hurgada branch. The conference's goal is to bring together leading scientists and research scholars from around the world to exchange and share their knowledge, experience, and research findings on the various aspects of lasers, photonics and their applications. The conference will concentrate on femtosecond laser and beyond on October 12, the day that the 1999 Nobel Prize announcement honoring Dr. Zewail was made public.



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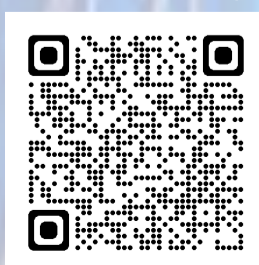
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CONFERENCE TOPICS

Laser Oscillations and Free electron lasers.
Short wavelength lasers and Long wavelength lasers
Semiconductor lasers and Quantum – cascade lasers
Vertical Cavity lasers and Topological lasers
High power lasers and Fiber lasers.
Low noise laser systems and Optical frequency comb.
Ultrafast fiber laser technology
Optical parametric chirped-pulse amplifiers.
Femtosecond and attosecond lasers
Lasers and high harmonic generation
Quantum dots and quantum wires lasers
Laser in medicine
Lasers in communications,
Laser in Astronomy and Astrophysics,
Lasers in Meteorology and Environment
Lasers in holographic mapping
Lasers in material processing and Industry
Nonlinear optics, Optoelectronic devices, and Optical limiting
Photonic ADC
Characterization of nanomaterials.

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