



# CALL FOR PAPERS

**ICSSLA 2022**  
**Mar 11-12, 2022**  
**Miami, USA**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICSSLA 2022 : International Conference on Solid State Lasers and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Solid State Lasers and Applications. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Solid state lasers  
Generation and amplification of ultrashort mid-infrared pulses  
Spectroscopy and laser performance of in-band pumped Er:LLF and Er:YLF crystals  
Q-switched 1.55  $\mu\text{m}$  laser performance of Er,Yb:GdAl<sub>3</sub>(BO<sub>3</sub>)<sub>4</sub> diode-pumped laser  
Spectroscopic and laser properties of Tm<sup>3+</sup> optical centers in BaF<sub>2</sub> single crystal and ceramics

Adaptation of the Er-Yb microchip laser for use in phase sensitive optical time domain reflectometry  
Generation of microjoule subcycle pulses in the mid infrared  
Broadband ultrafast photonics in graphene  
Glass-ceramics with Co<sup>2+</sup>:ZnO nanocrystals: novel saturatable absorber for Er lasers  
NIR photoluminescence of Bi<sup>+</sup> impurity center in RbY<sub>2</sub>Cl<sub>7</sub> ternary chloride crystal