



# CALL FOR PAPERS

**ICAPAE 2021**  
**Mar 11-12, 2021**  
**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.

ICAPAE 2021 : International Conference on Artificial Photosynthesis and Alternative Energy is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Artificial Photosynthesis and Alternative Energy. 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:

Artificial photosynthesis  
Recent challenges in artificial photosynthesis  
Molecular systems for artificial photosynthesis  
Solar fuels and artificial photosynthesis  
Possible advantages and disadvantages of artificial photosynthesis  
Light-harvesting antenna  
Hydrogen production  
Oxygen evolution  
Water splitting  
CO<sub>2</sub> reduction  
Advanced measurement and spectroscopy  
Theoretical rationalization, design, and prediction  
Science policy and education

Bioinspired systems  
Electron transfer  
Fundamentals of light capturing and conversion  
Water oxidation catalysis  
Proton and CO<sub>2</sub> reduction catalysis  
Interfacing molecules and materials for photosynthesis  
Complete cells for the generation of solar fuels  
Molecular catalysts for artificial photosynthesis  
Inorganic assembly catalysts for artificial photosynthesis  
Integration of systems for demonstrating realistic devices  
Quantum coherence in photosynthesis  
Energy storage and transportation  
New business models for energy generation