



# CALL FOR PAPERS

**ICMOTMOM 2021**  
**Apr 29-30, 2021**  
**Jerusalem, Israel**

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.

ICMOTMOM 2021 : International Conference on Molecular Orbital Theory and Molecular Orbital Methods is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Molecular Orbital Theory and Molecular Orbital Methods. 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:

Molecular orbital theory  
Formation of molecular orbitals  
Molecular orbital methods  
Linear combinations of atomic orbitals  
Bonding, antibonding, and nonbonding  
Gerade and ungerade symmetry  
Bonding in molecular orbitals  
Non-bonding orbitals

Bond order and stability  
Molecular modeling  
Orbital degeneracy  
Homonuclear diatomics  
Noble gases  
Heteronuclear diatomics  
New developments in molecular orbital theory