



CALL FOR PAPERS

ICTICMGIC 2020
Apr 24-25, 2020
Istanbul, Turkey

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.

ICTICMGIC 2020 : International Conference on Theoretical Inorganic Chemistry and Main Group Inorganic Compounds is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Theoretical Inorganic Chemistry and Main Group Inorganic Compounds. 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:

Calculation of structural, bonding, and spectroscopic properties of inorganic compounds
Theoretical studies of inorganic reaction mechanisms (mechanistic studies)
Bonding and electronic properties of inorganic compounds
Spectroscopic properties obtained from quantum chemical calculations (IR, Raman, UV-Vis, emission spectra, vibrational circular dichroism, etc.)
Theoretical calculations of NMR spectra of inorganic compounds
Molecular mechanics/dynamics in inorganic chemistry
Quantum Mechanical/molecular mechanical (QM/MM) methods and applications in inorganic chemistry

Application of ab initio and semiempirical methods in inorganic chemistry
Theoretical studies of cyclic polynuclear transition metal compounds - metallaromaticity
Theoretical studies of main group multiple bonded inorganic compounds
Computational studies of transition metal anticancer complexes
Molecular modeling of metalloenzymes with ab initio, DFT and QM/MM calculations
Computational studies of lanthanide and actinide compounds
Modeling magnetic properties of transition metal complexes - single molecule magnets