



# CALL FOR PAPERS

**ICCES 2022**  
**Oct 07-08, 2022**  
**Tokyo, Japan**

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.

ICCES 2022 : International Conference on Correlated Electron Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Correlated Electron Systems. 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:

Correlated Electron Systems  
Strongly spin-orbit coupled systems  
2D and 3D transition metal chalcogenides  
Exotic order in superconductors under high fields  
Topological order in interacting 2DEGs  
Spin excitations in frustrated magnets  
Heavy fermion systems  
Kondo effect and valence fluctuations  
Quantum phase transitions and related phenomena  
Unconventional superconductivity  
Metal insulator transitions  
Spin-orbit interaction in correlated systems  
CEF effects and multipolar ordering in SCES

Theoretical methods for strong correlations  
Correlated topological phases  
Kondo physics at nanoscale  
Quantum magnetism and frustration  
New materials; bulk, thin films and artificial structures  
Strong correlations in actinides  
Non-equilibrium phenomena in strongly correlated systems  
Ferroics and multiferroics  
Strong correlations in optical lattices  
Correlated materials in applications  
Large research infrastructures for SCES investigations  
Novel techniques