



# CALL FOR PAPERS

**ICMTMPE 2022**  
**Mar 29-30, 2022**  
**Sydney, Australia**

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.

ICMTMPE 2022 : International Conference on Metallurgical Thermodynamics, Metallurgical Processes and Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Metallurgical Thermodynamics, Metallurgical Processes and Engineering. 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:

Metallurgical thermodynamics  
Process  
Modelling  
Property  
Problems  
Equation of states  
Simple equilibrium  
Thermodynamic equilibrium  
Internal energy  
Phase diagram  
Gibbs phase rule  
First law of thermodynamics  
Heat capacity

Enthalpy  
Hess's law  
Kirchhoff's law  
Thermo chemistry and its applications  
Adiabatic and isothermal process  
Second law of thermodynamics  
Entropy  
Entropy of a perfect gas  
Temperature dependence of entropy  
Reversible & irreversible process  
Auxiliary functions and relations  
Third law of thermodynamics  
Statistical thermodynamics