



CALL FOR PAPERS

ICMCTMT 2020
Apr 16-17, 2020
Cape Town, South Africa

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.

ICMCTMT 2020 : International Conference on Materials Characterization Techniques and Mechanical Testing is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Materials Characterization Techniques and Mechanical Testing. 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:

Materials characterization
Materials characterization techniques
Microscopic-chemical structure and atomic organization
Chemical separation and identification
Structure of materials
Imaging techniques
Electron beam instruments
Structure determination by diffraction and scattering
Neutron and nuclear techniques
Physical and magnetic properties
Electron emission spectroscopies
Microscopy
Spectroscopy

Macroscopic testing
Mechanical testing, including tensile, compressive, torsional, creep, fatigue, toughness and hardness testing
Differential thermal analysis
Dielectric thermal analysis
Thermogravimetric analysis
Differential scanning calorimetry
Impulse excitation technique
Ultrasound techniques
Optical microscope
Scanning electron microscope
Transmission electron microscope
Field ion microscope
Scanning tunneling microscope