



# CALL FOR PAPERS

**ICMTA 2020**  
**Mar 02-03, 2020**  
**Rio de Janeiro, Brazil**

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.

ICMTA 2020 : International Conference on Manufacturing Technologies and Automation is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Manufacturing Technologies and Automation. 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:

Manufacturing technologies and applications  
Lean/agile operations  
Production planning and control  
Inventory management system  
Multi-objective optimization  
TQM and six sigma practices  
Business process outsourcing  
Aggregate planning, ERP, JIT  
Performance measurement  
Logistics service performance, supply chain management  
Project and technology management, network management  
Modelling and simulation  
System and sustainability considerations for emerging manufacturing technologies

Sustainable manufacturing processes and systems  
Key technologies for cloud manufacturing  
Information extraction and utilization for monitoring and control of multistage manufacturing processes  
Intelligent maintenance decision making of manufacturing systems  
Competitive manufacturing engineering  
Sustainable manufacturing technologies and practices  
Advances in experiments and modeling of micromechanics and microstructure evolution in manufacturing processes  
Materials processing, microstructure, plasticity and testing  
Advances in manufacturing of metals, ceramics and metal matrix composites  
Advances in abrasive machining processes  
Advances in assisted/augmented manufacturing processes  
Advances in energy beam based surface modification  
Advances in modeling, analysis, and simulation of manufacturing processes

