



CALL FOR PAPERS

ICIMTMT 2020
Jun 05-06, 2020
San Francisco, USA

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.

ICIMTMT 2020 : International Conference on Intelligent Machine Tools and Manufacturing Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Intelligent Machine Tools and Manufacturing Technologies. 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:

Intelligent machine tools
Machine tool dynamics
Mechanics of machining process
Novel designs and smart structures
in spindles, feed drives,
guideways, etc.
Sensors and actuators as applied to
machine tools
Machining process monitoring and
control, including tool
wear/breakage, chatter/vibration,
collision, temperatures/thermal
error, balancing, etc.
Mode of intelligent manufacturing
process
Sensing, decision-making and
control in manufacturing
Condition monitoring and fault
diagnosis
Self-awareness and maintenance
Big data and cloud-based
manufacturing

Intelligent machining
Computational intelligence
techniques
Multiobjective optimization
Modelling and simulation of
intelligent machining
E-manufacturing
Cloud-based machining systems
Environmentally friendly machining
Quality control and machining
Machining with robots
Computer vision and machining