



CALL FOR PAPERS

ICPDTA 2020
Jul 13-14, 2020
Ottawa, Canada

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.

ICPDTA 2020 : International Conference on Parametric Design, Techniques and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Parametric Design, Techniques and Applications. 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:

Parametric design and optimization
Parametric design and structural optimization
Urban design
Software
Techniques and applications
Computational design and parametric modeling
Design optimization
Parametric design modeling
Rapid generation of 3D models
Rapid evaluation of parametrically-driven design alternatives
Single- and multi-dimensional optimization techniques
Guidance strategies

Strategies for parametric design
Parametric design process of a complex building in practice
Problem solving methods
Feature-based modeling
Capturing design
Creating assemblies
Parametric generative systems
The challenges of parametric design
Generative design and parametric modeling
Parametric analysis
Parametric design strategies for the generation of creative designs