CALL FOR PAPERS

ICNMCSE 2020
Feb 17-18, 2020
Male, Maldives

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.

ICNMCSE 2020 : International Conference on Numerical Methods in Civil and Structural Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Numerical Methods in Civil and Structural 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:

Numerical methods in structural engineering
Structural mechanics and structural analysis
Finite element formulations for arches, plates and shells
Stress recovery techniques in finite element analysis
A posteriori error estimation in finite element analysis
Time integration methods for transient analyses
Finite element approaches for structural dynamics
Flexible multi-body systems
Finite element formulations for the dynamic analysis of damaged structures
Meshless methods for the analysis of vibrations of spherical and parabolic shells
Nonconservative stability problems
Finite element and boundary element formulations for modeling bulk, guided and leaky guided waves in solids
Cell method formulations for crack paths analysis in brittle materials
Special finite elements for stress concentration problems
Image-based finite element modelling
Differential quadrature and differential quadrature-based methods
Strong formulation finite element method
Isogeometric analysis,
Laminated composite plates and shells with discontinuities.
Skeletal structures
Plates and shells
Solids
Linear dynamics and stability
Semianalytical methods
Boundary element method
Problems of nonlinear mechanics