



CALL FOR PAPERS

ICCFAM 2020
Aug 27-28, 2020
Sydney, Australia

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.

ICCFAM 2020 : International Conference on Concrete Fracture Analysis and Mechanics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Concrete Fracture Analysis and Mechanics. 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:

Concrete fracture analysis
Peculiarities of concrete
Response to tensile and compressive loading
Material properties
Fracture process zone in concrete
Pre-peak and post-peak response of steel and concrete
Fracture mechanics of concrete
Concept of fracture energy
Mesh size dependence
Size effect
Bažant's size effect relation
Computational models for fracture analysis
Earlier models

Fictitious crack model or Hillerborg Model
Crack Band Model
Concrete fracture mechanics
Linear elastic fracture mechanics
The crack tip plastic zone
Crack tip opening displacement
Fracture process in concrete
Nonlinear fracture mechanics for concrete
Two-parameter fracture model
Size effect model
The fictitious model by Hillerborg
R-curve method for quasi-brittle materials