



CALL FOR PAPERS

ICEFA 2020
Oct 29-30, 2020
Paris, France

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.

ICEFA 2020 : International Conference on Engineering Failure Analysis is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Engineering Failure Analysis. 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:

Engineering failure analysis
Engineering failure modes for
metallic and non-metallic
engineering materials
Case studies of failures in
industry sectors such as aerospace,
marine and offshore, automotive,
rail, power generation, mining and
minerals, consumer goods, medical
devices and others
Structural and architectural
failures
Failure analysis and joining
technologies
Role of condition monitoring and
NDT in failure avoidance
Failure analysis, maintenance and
reliability
Role of failure analysis in the
design process
Legal matters, ethical issues and
insurance in the failure analysis
industry
Training and accreditation in
failure analysis research and
industry
Data collection and information
management for failure analysis

Field examination
Visual examination and photo
documentation
Chemical analysis
Metallographic examinations
Hardness measurements
Mechanical testing
Macro examination using a stereo
microscope
Micro examination using a scanning
electron microscope
Fatigue tests and mechanical tests
Fatigue and mechanical test
capabilities

