



3rd International Conference on Structural Integrity

23-25 August, 2023



Organized by **Indira Gandhi Centre for Atomic Research, Kalpakkam**
& **Society for Failure Analysis, Chennai Chapter, India**

SCOPE OF THE CONFERENCE

- Mechanical Behavior of Materials
- Fatigue and Fracture Mechanics
- Creep and Creep-Fatigue Interaction
- High Strain Rate Loading
- Small Specimens Test Methods
- Fretting and Multi-axial fatigue
- Fracture Mechanics based Design
- Computational Mechanics
- Micromechanics of Fracture and Damage
- Steel and Concrete Structures
- Composites, Bio and Nano Materials
- Structural Materials and Weldment
- NDE and Structural Health Monitoring
- Failure Analysis
- Reliability and Structural Integrity Assessment
- Fitness for Service and Remaining Life Assessment
- LBB Analysis
- Regulatory Aspects
- Life of Nuclear Structures
- Aerospace and Automobile Applications
- Offshore and Marine Structures

Pre-Conference Workshops

Fatigue life and fracture assessment of steel and concrete structural components

21st August 2023 CSIR-SERC Chennai

Design, manufacturing and quality assurance of large size components

22nd August 2023 IGCAR Kalpakkam

Contact : icons@igcar.gov.in www.icons2023.in

Conference Venue



Mamallapuram
Tamil Nadu, India

Tourism: www.ttdconline.com

Submission of abstracts: **28th February, 2023**
Submission of manuscripts: **31st May, 2023**

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