

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

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

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Pre-Conference Workshops

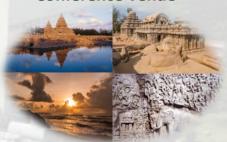
Fatigue life and fracture assessment of steel and concrete structural components
21st August 2023 CSIR-SERC Chennai

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