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# SID

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Honorary Editor:  
Satya N. Atluri



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## About the Editors:

The Editor-in-Chief, **Ferri M. H. Aliabadi**, is Director of Aerospace Engineering and Professor of Computational Mechanics at Queen Mary, University of London. He maintains research interests in the area of structural integrity and durability, computational mechanics and solid mechanics. He has over 400 publications, has authored two books and edited 40 other books mostly related to damage tolerance, fracture mechanics and life enhancement techniques.

**Ferri Aliabadi** has collaborated extensively over the last twenty years with industry and in particular with the aerospace sector. He has co-ordinated and participated in many national and international projects related to innovative techniques for structural integrity, durability and damage tolerance assessment.

The Honorary Editor, **Satya N. Atluri**, is the Henry Samueli/von Karman Chair in Aerospace Engineering at the University of California, Irvine. He is a Member of the U.S. National Academy of Engineering, a Foreign Fellow of the Indian National Academy of Engineering, a Fellow of the Third World Academy of Sciences, a Member of the European Academy of Sciences, an Honorary Member of the World Innovation Foundation, an Honorary Fellow of the International Congress on Fracture, and a Fellow of several learned societies, including the American Academy of Mechanics, American Institute of Aeronautics & Astronautics, The Aero. Society of India, ASME, and others.

He is the recipient of several awards in recent years: "The Distinguished Alumnus Award, 2002", Indian Institute of Science,

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## Aims and Scope:

In order to maintain a reasonable cost for large scale structures such as airframes, offshore structures, nuclear plant etc., it is generally accepted that improved methods for structural integrity and durability assessment are required. This is important for design and maintenance of new and ageing structures.

The potential benefits include:

- Increased quality and reliability by application of innovative practices and techniques
- Reduce costs by better design enabling lighter structures (hence fuel efficient), fewer inspection intervals (hence reduce operating costs), less frequent replacement or repair of parts (hence reduce wastage of structures)
- Improve safety and performance and reduce costly in service redesign

**Structural Integrity and Durability** publishes original, high quality research papers, communications, and review articles related to structural integrity and durability. The aim of the journal is to bring together latest scientific and technological developments in the field.

The scope of the journal is multidisciplinary and contributions are sought from engineers, material scientists and applied mathematicians.



**Authors** are requested to submit electronic versions of their papers to: <http://submission.techscience.com/sid>



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