

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,

Editor-in-chief:

Ferri M.H.Aliabadi

Professor of Computational Mechanics Department of Engineering Queen Mary, University of London Mile End, London E1 4NS, UK Tel.: +(44)20.7882.5189 Fax: +(44)20.8983.3052 E-mail: sid@techscience.com

Honorary Editor:

Satya N. Atluri

Samueli/Von Karman Chair in Aerospace Engineering Director, Center for Aerospace Research & Education 5251 California Ave., Suite 140, UCI Irvine, CA 92612, USA Tel.: +(1)949.824.9966 Fax: +(1)949.824.9967 E-mail: satluri@uci.edu

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.



Bangalore; The HILBERT MEDAL of ICCES; "Highly Cited Researcher"(one of the 100 most highly cited researchers in all branches of engineering, over the last 20 years (Institute of Scientific Information,); the Excellence in AviationAward, from the FAA; President's National Medal of Technology Distinguished Service Award, from the Secretary of Commerce; Pendray Aerospace Literature Award fromAIAA); Structures, Structural Dynamics, and Materials Medal from the AIAA; The SDM LectureAward from the AIAA; The Cemal Eringen Medal in Engineering Science;"Excellence in Computational Mechanics" Medals from Greece and Japan; The ICES Gold Medal; Doctor of Science (Honoris Causa) from Ireland and others. He is an honorary professor at many universities, including the Tsinghua University in China.

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



Contemporary Research on Emerging Sciences and Technology



CREST Monograph Series... A Better, Faster Way to Publish

Enter Contemporary Research in Emerging Sciences & Technologies, or CREST. The mission of the CREST series is to identify pioneers and visionaries in emerging sciences and technologies, and quickly publish their accounts of these disciplines. These approximately 200-page accounts will not only be read by specialists in the field, but will also serve as catalysts for the global growth of these disciplines. The aim of CREST is to quicken the pace of research in the emerging disciplines all over the world, and thus assure a quick translation of research into an engine for global economic growth. As one of CREST monograph series by the honorary editor,

"... Structural Integrity and Durability contains a wealth of useful information and is an excellent reference book for engineers working in this area. All engineering libraries should have a copy available for its patrons."

- Applied Mechanics Reviews, Vol. 51, No. 1, 1998

The first comprehensive reference work on structural integrity, damage tolerance, and durability of metal and composite built-up structures, and more ...

Hardcover. 880 pages. © 1997. ISBN: 0-9657001-1-9 • \$262.50 U.S. These and other monographs from Tech Science Press are available at http://www.techscience.com.

Order Form:

Name			Institution							
Address										
City			State/Provin	nce Z	Zip/Postal Code					
Phone	Fax		Email							
SID Subscription: 2005 (Vol. 1)				Price		Quantity		Total		
Print Version(*) for each year:				<u>\$750.00</u>	х				_	
Online Version(**) for each year:				<u>\$600.00</u>	Х				_	
Print & Online Combination:(*)(**) for each year				<u>\$1000.00</u>	Х				_	
*Inside US add Shipping and Handling Fee				<u>\$20.00</u>	х				_	
*Outside US add Shipping and Handling Fee				<u>\$50.00</u>	Х				_	
	bscribers will also receive									
	s issues at the year's end,					c	\$			
Subtotal	a residents add 8% sales ta						1	>		
Cantorni	a residents and 8% sales ta		Total for SID 2005: \$							
Card No Security Code A 3 digit code on back of card (Visa, Discover, Mastercard); A 4 digit code on front of card (AMEX)										
Billing Addr	ess of the card									
Card Holder Expiration Date _			Signature					Date		
Mail comp	leted order form and	l payment to:								
Tech Science Press Phone (661) 947-2228 Fax (661)420-8080										
				Email: sale@techscience.com						
	CA 91316, USA		www.techscience.com							