

Call For Papers

76th Shock and Vibration Symposium

October 30 – November 4, 2005
The Royal Sonesta
New Orleans, LA

Planning for the 76th Shock and Vibration Symposium is underway, with the selection of US Army Engineer Research & Development Center and the Defense Threat Reduction Agency as the Government Featured Organizations, Weidlinger Associates, Inc. and MSC.Software as the Commercial Featured Organizations, and the Royal Sonesta Hotel in New Orleans, LA as the location.

The Shock & Vibration Symposium is the oldest continuously held meeting dealing specifically with the structural dynamic behavior of air, sea, space, and ground vehicles and structures. The Symposium was established as a mechanism for the exchange of information among Government activities, private industry, and academia on current work and new developments. Presentations on work in progress are encouraged. Separate sessions are held for presentation of classified or limited-distribution material.

Presentations in the following subject areas are welcomed:

901D Case Studies	Dynamic Testing	Product Announcement/Facility Description
Active Vibration Control	Environmental Databases	Pyrotechnic Shock
Ballistic Shock	Finite Element Analysis	Shock Characterization
Biodynamics	Fluid-Structure Interaction	Shock Hardening
Blast Design	Ground Shock	Shock Qualification by Extension
Combined Environments	Seismic Shock	Shock Test/Equipment Failure Modes
Computational Structural Dynamics	Impact/Penetration Mechanics	Simulation Methods
COTS	Instrumentation	Specifications and Standards
Crash Dynamics	Isolation Systems	System Identification
Damage Identification	Large Structures	Test Criteria
Damping	Live Fire Testing	Test Tailoring
Data Analysis	Machinery Diagnostics	Underwater Shock Testing
Dynamic Analysis Methods	Machinery Vibration	Vibroacoustics
Dynamic Measurement	Material Dynamic Properties	
Dynamic Scale Modeling	Modal Analysis and Testing	

Two categories of presentations will be accepted: full papers, suitable for publication in the Symposium Proceedings; and short discussion topics, consisting of viewgraphs with no written paper. Full papers will have a 15 minute technical presentation time plus 5 minutes for questions, while short discussion topics will have a 10 minute presentation time with no question period.

Presentations will be accepted on the basis of their abstracts, which must be submitted by June 3, 2005. You are encouraged to submit online at www.saviac.org, click on 76th S&V Symposium Abstract Submittal. The Program Committee will review the abstracts during the June Program Committee meeting and authors will be notified of acceptance by July 15, 2005. The full paper presentations must meet the following standards: They must be previously unpublished and unrepresented, must be appropriate to community interests and must not be overtly commercial, except for papers in the Product/Facility session. Standards for short discussion topics are similar except that they may include previously presented or published material.

The Proceedings will be published on CD-ROM
The paper due-date is October 7, 2005
Questions should be directed to Joel Leifer, 301.596.0100 or joel.leifer@saviac.org.