

Session Date	Session time	Session Title	Lead Author Last Name	Lead Author First Name	Paper Title
3/3/2008	10:30-12:00	Analytical and Experimental Studies of High Strain Rate Material Response	Carney	Kelly	A generalized, three dimensional definition, description and derived limits of the tri-axial failure of metals
3/3/2008	10:30-12:00	Analytical and Experimental Studies of High Strain Rate Material Response	Buyuk	Murat	Explicit Finite Element Analysis of 2024-T3 /T351 Aluminum Material Under Impact Loading for Airplane Engine Containment and Fragment Shielding
3/3/2008	10:30-12:00	Analytical and Experimental Studies of High Strain Rate Material Response	Gilat	Amos	Characterization of 2024-T351 Aluminum for Dynamic Loading Applications
3/3/2008	10:30-12:00	Analytical and Experimental Studies of High Strain Rate Material Response	Benzerga	Amine	A computational framework for analyzing the dynamic behavior and failure of amorphous polymers
3/3/2008	10:30-12:00	Analytical and Experimental Studies of High Strain Rate Material Response	Salas Mendez	Pablo	A Composite Material Model for High Strain Rates
3/3/2008	1:30-3:00	Structural Level Impact Analysis of Aerospace Structures	Pereira	Michael	Ballistic Impact Response of Kevlar 49 and Zylon under Conditions Representing Jet Engine Fan Containment
3/3/2008	1:30-3:00	Structural Level Impact Analysis of Aerospace Structures	Rajan	Subramaniam	Experimental Development of a Constitutive Model for High-Speed Impact Containment Fabrics
3/3/2008	1:30-3:00	Structural Level Impact Analysis of Aerospace Structures	Rajan	Subramaniam	Numerical Modeling of Engine Fan Blade-Out Events
3/3/2008	1:30-3:00	Structural Level Impact Analysis of Aerospace Structures	Ruggeri	Charles	Composite Panel Impact Testing for Initial Material Screening
3/3/2008	1:30-3:00	Structural Level Impact Analysis of Aerospace Structures	Li	Xuetao	A Modified Methodology for Modeling Tri-Axial Braided Composites with Through Thickness Integration Points
3/3/2008	3:30-5:00	Design of Impact Resistant Aerospace Structures	Sinha	Sunil	Dynamic Loads in the Fan Containment Structure of a Turbofan Engine
3/3/2008	3:30-5:00	Design of Impact Resistant Aerospace Structures	Chang	Fu-Kuo	Dynamic Energy Absorption of Braided Composite Tubes with a Plug Initiator
3/3/2008	3:30-5:00	Design of Impact Resistant Aerospace Structures	Littell	Justin	Characterization of Failure Mechanisms in Triaxial Braided Composites using Optical Measurement Techniques
3/3/2008	3:30-5:00	Design of Impact Resistant Aerospace Structures	Jackson	Karen	Overview of the NASA Subsonic Rotary Wing Aeronautics Research Program in Rotorcraft Crashworthiness
3/4/2008	10:30-12:00	Impact Resistant Structures for Space Applications	Firko	Jason	Shuttle Debris Impact Assessment Analysis: Post Return to Flight Real Time Mission Support
3/4/2008	10:30-12:00	Impact Resistant Structures for Space Applications	Fasanella	Edwin	Multi-terrain Parachute Landing Systems Applicable for Manned Space Capsules Returning to Earth
3/4/2008	10:30-12:00	Impact Resistant Structures for Space Applications	Lee	Timothy	Airbag Landing Impact Performance Optimization for the Orion Crew Module
3/4/2008	10:30-12:00	Impact Resistant Structures for Space Applications	Lawrence	Charles	Orion Crew Member Injury Predictions during Land and Water Landings
3/4/2008	10:30-12:00	Impact Resistant Structures for Space Applications	Zheng	Daihua	A Semi-analytical Solution of Wave-controlled Impact on Composite Laminates
3/4/2008	1:30-3:00	System Dynamics	Saleeb	Atef	On the dynamics of non-linear, coupled structures with primary- and moving secondary- oscillating systems
3/4/2008	1:30-3:00	System Dynamics	Schutte	Aaron	Nonlinear Dynamics and Control of a Dumbbell Spacecraft System using Constrained Motion
3/4/2008	1:30-3:00	System Dynamics	Zhang	Xiaowei	Energy absorption of an axially crushed square tube with a buckling initiator
3/4/2008	1:30-3:00	System Dynamics	Ma	Lianhua	Shape Optimization of Five-center Shell Structure Based on Response Surface Method
3/4/2008	1:30-3:00	System Dynamics	Venkatachalam	Gopalakrishnan	A Reliable Methodology For Unsupervised Zonation With Special Reference To Landslide Hazard