

The Department of Engineering Management & Systems Engineering and
The Emergent Risk Initiative @ ODU

presents

2014 Colloquium Series

Space Shuttle Columbia Accident Investigation: Lessons Learned

March 27^h (Thursday) at 2 - 3 PM (Eastern)

Webcast: <http://connect.odu.edu/emergentriskinitiative/>

In-person: Kaufman Hall 247 at BCET-ODU

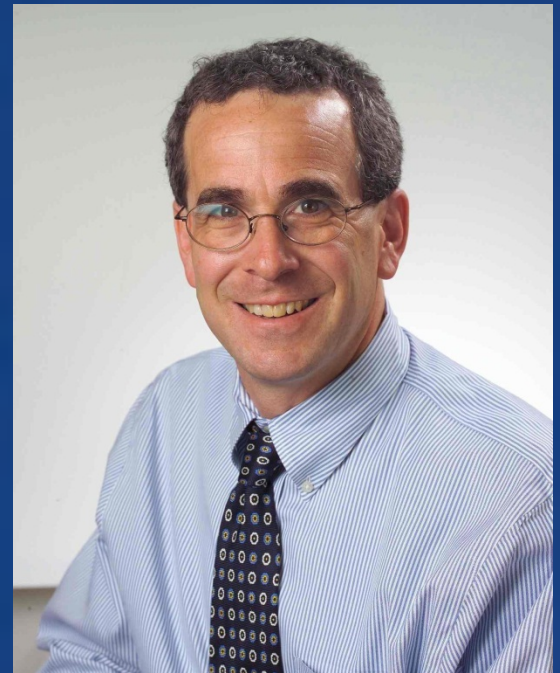
Facilitated by:

Daniel Heimerdinger, Ph.D.

President and Chief Executive Officer
Exostrategies, Inc.

Summary:

The Space Shuttle Columbia and crew of 7 was lost upon re-entry on February 1, 2003. That event triggered the second independent investigation for loss of a Shuttle and crew. Dr. Heimerdinger was a member of the investigative team on the independent Columbia Accident Investigation Board (CAIB). He will provide snap-shots and discuss lessons learned from videos and simulations from the launch impact, event reconstruction, and debris assessments of the event.



About Dr. Daniel Heimerdinger

Dr. Daniel Heimerdinger is the President and Chief Executive Officer of Exostrategies, Inc., a small business located in Colorado and is currently the Chief Architect for the Air Force Satellite Control Network Contract. Dr. Heimerdinger has over 30 years experience supporting civil and military aerospace programs. He has been appointed to several federal and international task forces since 1992 including the Columbia Accident Investigation Board's investigative team. He currently is serving his 19th year as a Special Government Employee to the Stafford Advisory Committee (formerly the Stafford Commission on International Space Station Operational Readiness and Safety) for NASA's Space Operations Mission Directorate.

Dan has received several awards from NASA including the two highest awards to a civilian including the Distinguished Public Service Medal and Exceptional Public Service Medal. He was also awarded a special Certificate of International Collaboration from the Russian Space Agency. He earned his Ph.D., in Aeronautics and Astronautics from MIT where he specialized in Fluid Dynamics in Electromagnetic Thrusters. He earned a Bachelor's Degree in Aerospace and Mechanical Engineering from Princeton University.

About the Webcast

Webcast will be via Adobe Connect ®
Log into this link as *guest* <http://connect.odu.edu/emergentriskinitiative/>
You will need a high speed internet and Adobe Flash®

About ERI@ODU



The ***Emergent Risk Initiative (ERI)***, based at Old Dominion University, was established in 2009 and envisions the creation of the next generation body of knowledge in risk management for current and future systems and organizations characterized by uncertainty, emergence, complexity, and interdependence. For more, please visit <http://sites.google.com/site/emergentrisk/>



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