

Seminar Announcement

Friday
October 24,
2008
2:00 P.M.

Engineering
Bldg
Room 203E



**SAN DIEGO STATE
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Introduction to Flutter Prediction using Flight Test Data

Dr. Darrio Baldelli
Friday, October 24, 2008; 2:00 P.M.
Engineering Bldg. Room E 203E

This talk gives an overview of some of the current challenges in flutter prediction of real aircraft. The focus of this talk will be on methods for incorporating parameter varying models based on flight-test data for improving accuracy of flutter prediction.

Speaker Biography:

Dr. Baldelli obtained his Aeronautical Engineering degree from the National Technological University, Argentina, in 1988 and his M.S. degree in Aeronautical Engineering from Nagoya University, Japan, in 1992. He got his Ph.D. degree in Engineering from the University of Buenos Aires, Argentina in 1999. From 2001 to 2002, he was post-doctoral researcher in the School of Aeronautics and Astronautics at Purdue University.

Dr. Baldelli is currently an Associate Technical Fellow at Northrop Grumman Corporation – Integrated Systems. Prior to joining Northrop Grumman, Dr. Baldelli was with ZONA Technology, Inc. from July 2002 to December 2007.

His expertise focuses on developing modeling and simulation tools to integrate aeroelastic with flight dynamics and flight control models. He has extensive experience in analyzing aircraft aeroservoelastic problems, developing aeroservoelastic control systems, and correlating models with flight test data.

Host: Dr. Luciano Demasi