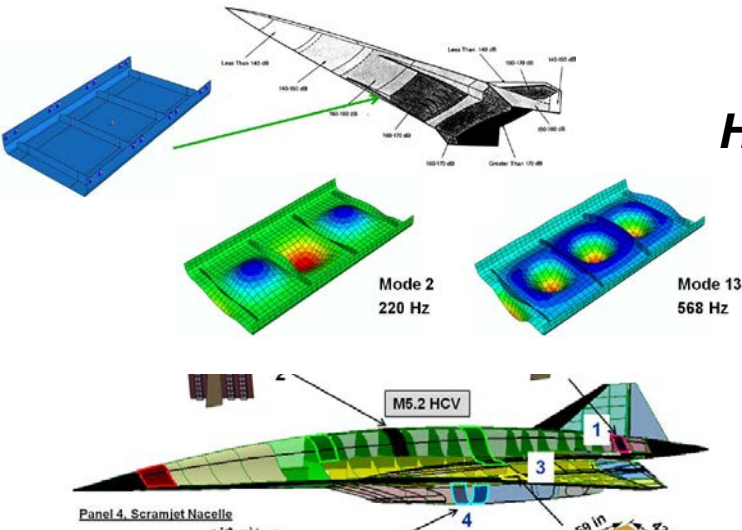




American Institute of
Aeronautics and Astronautics
Dayton-Cincinnati Section



Lunch 'n' Learn

Hypersonic Airframe Structures

Guest Speaker:

Dr. Thomas Eason

Friday, 24 Mar 2017

Dr. Thomas Eason is a Principal Engineer at the Air Force Aerospace Systems Directorate and part of the Structural Sciences Center where he researches and develops methods to predict the response and life of hypersonic structures.

The AFRL Structural Sciences Center (SSC) is researching and developing methods for structural-scale simulation to address those deficiencies in the analysis of extreme-environment structures that have historically stymied the USAF and the aerospace community at large. To address these challenges, the Structural Sciences Center at the Air Force Research Laboratory, has campaigned with industry to uncover the knowledge gaps associated with defining the structural margins for a reusable Mach 5-7 air breathing class hypersonic vehicle. The lunch and learn will take a high level overview of hypersonic airframe structures with a focus on what makes hypersonic different from more traditional airframes.

Time

11:45 AM

Location

The Wandering Griffin
3725 Presidential Dr.
Beavercreek, OH 45324

Lunch

You will be able to
purchase from the menu

