

Call for Papers

The “AIAA Adaptive Structures”, “Structural Dynamics” and “Modeling and Simulation” Technical Committees are sponsoring a Special Session on:

Mr. Martin Brenner Memorial Session

AIAA SciTech 2024

January 8-12, 2024

Hyatt Regency

Orlando, FL

This memorial session will celebrate Mr. Martin Brenner contributions to the area of aeroservoelasticity. Over the last thirty plus years, Marty worked many projects including the X-29, F-18 HARV, NASP, X-53, Aerostructures Test Wing and X-56, becoming known as an expert in aeroservoelasticity and performing pioneering research in “fly by feel” (measuring the aerodynamics forces directly on vehicle surfaces) for control of flexible structures. He retired from NASA in 2017.

Marty has pioneered advances in aeroservoelasticity, authoring around 120 papers, three book chapters, and an entire book on “Robust Aeroservoelastic Stability Analysis”. He also holds a patent for a novel flutter prediction methodology, called “Flutterometer”. Throughout his career, Marty had been an advisor and mentor to countless DFRF/DFRC/AFRC engineers. The special session will honor Marty’s contribution to the multidisciplinary field of aeroservoelasticity.

Make sure to select the “Mr Martin Brenner Memorial Session” topic option under “Adaptive Structures”, “Structural Dynamics” or “Modeling and Simulation” during submission.

For more information, please contact the session organizers:

Alexander Chin / Dr. Ruxandra Botez

alexander.w.chin@nasa.gov / ruxandra.botez@etsmtl.ca