



AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS
PACIFIC NORTHWEST SECTION

November 7, 2005

To our members,

We apologize for the tardiness of this newsletter. Unfortunately, we have had a last-minute change in speakers for our November dinner meeting. The speaker for our November meeting will be Daniel Miller of the Lockheed Martin Aeronautics Company and his topic will be “Active Flow Control”.

Daniel Miller has 20 years of experience in the R&D of advanced aerodynamic and propulsion technologies. At Lockheed Martin Aeronautics, he has supported F-16, F/A-22, F-35 JSF, X-30 NASP, and special programs in the areas of propulsion integration, inlet & nozzle flowpath design and flow physics, active flowfield control for propulsion and aerodynamic control, unsteady aero phenomena, computational fluid dynamics (CFD) modeling and simulation, and design of experiments methods. He currently serves as the Technical Lead for Active Flowfield Control (AFC), Principal Investigator of Advanced Propulsion Integration IR&D, and a Program Manager for R&D programs involving AFC. He was a 2003 recipient of the Lockheed Martin Corporate NOVA Award as well as the Lockheed Martin Aeronautics AeroStar Award. Daniel is the Lead Instructor for the AIAA Modern Flow Control Course, an AIAA Associate Fellow, serves on the Fluid Dynamic Technical Committee, and has 35+ technical publications and patents relating to propulsion, aerodynamics, flow control, unsteady CFD, and Design of Experiments methods. He holds both a Masters and Bachelors Degree in Mechanical Engineering from the University of Wisconsin.

Mr. Miller has developed two professional short courses for the AIAA, “Modern Flowfield Control I: Fundamentals and Applications” and “Modern Flowfield Control II: Specialists Course “. His presentation for our dinner meeting will draw on these courses.

The dinner meeting will be held Tuesday November 15th at the Old Spaghetti Factory at 2801 Elliott Ave, Seattle, WA 98121. The social hour, with a no-host bar will begin at 6pm and dinner will follow at 6:30pm. Admission is \$15 for AIAA and SFTE members and guests, \$18 for non-members and \$5 for students and educator associates. Please make reservations for this event at our website, <http://www.pnwaiaa.org> or by calling me at: (425) 643-9090. We hope to see you there!

Sincerely,
David Lednicer
2005-2006 Section Chairman