

Candidate Statement for AIAA Council Chair 2022-2023

Dino Roman



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Boeing Commercial Aircraft Associate Technical Fellow

AIAA Associate Fellow

AIAA:

My accomplishments include introducing popular new programs, providing career and development opportunities, recognizing and spotlighting significant technical accomplishments, cultivating educational programs, and honoring achievements. My proven record and long list of accomplishments over, notably, 25 years of service to the OC Section speaks for itself, during which time I served several times as Chair, Technical Chair, and Member-at-Large. Under my leadership, the Section has won several awards, including Best Section, Technical, and Special Program, while being recognized myself with special service citations, including the Distinguished Service Award. As a member of the council, I conceived and ran the successful Aerospace Systems and Technology (ASAT) Conference for most of its 18 year history, as well as helped establish and run our popular rocketry build and fly program, which eventually lead to our sponsorship of the Team America Rocketry Challenge (TARC) and NASA's Student Launch Initiative (SLI). Furthermore, and in recognition of my service to the aerospace industry, I am an AIAA Associate Fellow, served on the Applied Aero Committee and chaired the Applied Aero Conference.

Goals:

For our country to remain the leader in aeronautics and astronautics, AIAA must address the numerous changes and challenges facing our profession. This requires a cohesive national and local strategy that includes addressing the public's perception of our profession. Sections play an expanded and vital role in achieving the Institute's strategic goals. To start, we must re-image what it means to be affiliated with AIAA, which requires an understanding of the workings of AIAA. I have this diverse perspective, through my section and Technical Committee service, and the leadership skills to develop a working strategy. My goal as OC Section Chair is to revitalize the section to better serve the membership and the aerospace community by:

- ✓ Continuing to propose, support, encourage, and share new, exciting programs that add value to membership, complement the Institute's strategic goals, and attract aerospace professionals back to AIAA.
- ✓ Maintain focus on technical interchange, recognition, and career growth.
- ✓ Engage and interest the public to re-establish their fascination, excitement, and pride in aerospace and foster an appreciation of our profession.
- ✓ Educate elected representatives through a cohesive public policy outreach addressing our workforce, education, and funding challenges.

- ✓ Support, encourage, and engage student branches, academia, and young professionals through mentoring and networking.
- ✓ Support science, technology, engineering, mathematics (STEM) programs for grades K–12 to ensure the talent pool.
- ✓ Encourage dialog and coordination between sections and bring challenges they face to the attention of national leadership.
- ✓ Ensure the section operates in a fiscally responsible manner.
- ✓ Establish a clear mission statement and written policies and procedures.

Professional:

I am a Boeing Associate Technical Fellow and the Chief Aerodynamicist for the company's Advanced Concepts group with over 42 years of experience in the aerospace industry. My contributions to the industry are numerous, and include designing the 737MAX Advanced Technology Winglets, for which, incidentally, I was awarded the 2017 Boeing Special Invention Award and have 7 related US and European patents. I spent a significant amount of my career as head aerodynamicist on the Blended Wing Body Program, developing several breakthroughs that make the configuration a viable platform for future aircraft. I hold 4 additional patents related to my BWB and engine technology work. I am an expert wing and winglet designer, having designed several advanced commercial transport wings and several laminar flow supersonic and transonic wings. I have 6 AIAA publications and numerous internal reports.

The above is a short list of my contributions to the AIAA and the industry as a whole. I believe there is no better qualified candidate for the OC Section Chair and have no doubts that I will bring strong leadership to the council.