

Hiro Endo – Chair



I have been a member of AIAA for over a decade and became a part of AIAA New England since 2018 through volunteering. I have enjoyed working with a talented and generous group of people from our council and section members. I look forward to serving the community as the Chair and working to further advance the STEM and Aerospace agenda.

Professionally, I work as a Chief Technology Officer for Schenck USA Corp (formerly Test Devices Inc.), a subsidiary of Dürr Group. I manage engineering teams and lead the R&D interests. In my earlier career, I worked as a technologist analyzing the safety and operationally critical jet engine parts for Rolls-Royce PLC and as a consultant for a Structural Dynamics firm. I have expertise in Engineering testing, gas turbines, gears, and vibration-based machine health monitoring technologies.

I am a graduate of IE Business School (MBA) and the University of New South Wales, Sydney Australia (Ph.D. in Mechanical Engineering and a bachelor's degree in Aerospace Engineering).

Jason Hui – Vice Chair



I am a Lifetime Associate Fellow of AIAA and was Treasurer of the AIAA New England Section in 2011-2012. I have been a longtime volunteer of AIAA, previously serving as member of the Publications Committee from 2002-2012, Guidance, Navigation and Control Technical Committee (TC) from 2003-2017 and Systems Engineering TC from 2013-2020, and Deputy Director, Membership of Region 1 from 2011-2014. I received the AIAA Sustained Service Award in 2013. Currently, I am a member of the Digital Engineering Integration and Outreach Committee.

I have over 20+ years of aerospace and defense industry experience and am presently leading the systems engineering organization as Senior Manager at Textron Systems. My professional interests are in systems engineering of aerospace and electronic systems, and engineering and technology management.

I received the B.S. and M.S. degrees in Electrical Engineering, and the Ph.D. degree in Mechanical Engineering, all from UCLA. I also received the M.S. degree in Systems Engineering at Johns Hopkins University. I am an IEEE Senior Member and certified Project Management Professional.

After a 10-year hiatus from the Section, I am happy to be involved again in shaping the future of aerospace in New England.

Shreyas Hedge - Secretary



Shreyas is a Compressor Aerodynamics engineer at Pratt & Whitney. He obtained his PhD in December 2021 at Duke University, advised by Prof Bob Kielb during which he received several accolades from ASME, NC space Grant and Duke University. His interests are in the field of unsteady aerodynamics - aero mechanics applied to tech-commercial technologies.

He is an active member of both ASME and AIAA and makes contributions to both organizations. Being a huge fan of adventure activities, you can find him on the Boston sea waters or on one of the mountains in the New England region in summer.

Osa Osaretin - Treasurer



I am an electrical engineer working at MIT Lincoln Laboratory. I attended the Ohio State University, where I obtained B.S., M.S., and Ph.D. degrees in electrical engineering. I spent the last ten years working on CubeSats for planetary exploration and I enjoyed every bit of it! I enjoy exploring New England; be it hiking up the mountains in the summer or riding down on my snowboard in the winter. My time in New England has been fantastic, living in Chelmsford MA with my wife and our three sons.

I am excited to be a member of the council for a second term, and happy to serve the New England Section. We made great progress promoting STEM events for K-12 students last year, and I expect that we can do more of that. I am an advocate of STEM education and believe STEM education is a gift that keeps giving for a lifetime. I enjoy finding opportunities to introduce STEM education to minority and underrepresented communities. There is untapped potential in those communities, and the AIAA can have a positive impact in the lives of minority and underrepresented students.

My goal is to increase the membership and participation of minority and underrepresented students and engineers in the AIAA. The Council intends to create an environment where everyone is welcome to participate and create lifelong relationships.

Phoenix Robbins – College Outreach Chair



I am a Senior Mechanical Design Engineer with experience in product creation, solid mechanics and computer aided drafting. I have worked for companies such as Raytheon Technologies, Safran Group, Spirit AeroSystems and Honeywell Aerospace, preceded by my Master of Science from Purdue University and my Bachelor of Science from University of Iowa.

I have been serving AIAA New England since late 2020 in various roles, and have recently taken on college outreach for the organization. In years prior, I was a committee member at large for ASME International in Arizona.

In my spare time, I enjoy hiking, dining, rollerblading, snow skiing, bowling and billiards.

Charlie Wilson – Section Board Advisor



Charlie is a retired Engineer from MIT Lincoln Laboratory. He has served the New England section and the broader AIAA community for over 40 years in various forms and roles. He relentlessly promoted and continues to do so today for STEM, College Outreach, Diversity & Inclusion.

Most recently in 2020, just before the COVID, he came back from his retirement to serve the section as the Chair and played a critical role in navigating and leading the team through the challenging situation during the pandemic, and kept the group engaged and active.