

Vigor Yang, Ph.D.

Candidate for President of AIAA, 2017

From February 6 through March 31, members of the American Institute of Aeronautics and Astronautics will elect their next president. I invite you to review three of the central tenets of my candidacy (below), and to consider voting for me. You can read more at:

www.ae.gatech.edu/aiaa-yang

Inspire the Future: Expanding membership and improving retention will be my highest priority. We must increase AIAA's relevance to the next generation of aerospace engineers - a demographically diverse and ambitious group that has many other options. Working with AIAA colleagues, I will grow engagement and ownership of our members with initiatives that support young engineers in their early careers, in both industry and academia. I will work to show young people that aerospace engineering makes a difference in the world.

Explore Transformational Technologies: Our industry will be transformed over the next decade by autonomy, data science, integrated security, advanced manufacturing, and as-yet unknown technologies. I will work to make AIAA a thought leader, and to foster robust discussions on how AIAA can nimbly embrace emerging concepts and opportunities. Our members are uniquely qualified to explore these new horizons through high-impact research and product innovations, and to share new knowledge through AIAA's flagship conferences and publications.

Champion New Perspectives: The fields of aeronautics and astronautics have entered an era of unprecedented expansion and innovation. New opportunities in autonomy, advanced manufacturing, electric propulsion, integrated security, commercial space, deep-space exploration/transportation, and other areas bring with them the need for expert advice and experience. The policy makers and thought leaders who must forge new standards, regulations, and policies for these emerging technologies and business opportunities should look to AIAA for the wide-ranging expertise and research-based guidance our membership can offer.

Find out more: <http://www.ae.gatech.edu/aiaa-yang>



About Dr. Yang...

Currently William Oakes Professor and Chair of the Daniel Guggenheim School of Aerospace Engineering at Georgia Tech (2009-); joined Penn State faculty in 1985, appointed John McCain Chair in Engineering in 2006; published 10 books, 6 dedicated journal issues, and more than 400 technical papers in the areas of propulsion, combustion, and energetics; earned Ph.D. from Cal Tech; consulted with many government agencies and virtually all major aerospace propulsion and power companies in the U.S.

AIAA Accomplishments: Fellow (2002); Vice President for Publications and Member of Executive Committee (2012-2015); Editor-in-Chief of Journal of Propulsion and Power (2001-2009); Chaired numerous steering, technical, editorial, awards, and ethics committees and sub-committees; Organized several international conferences. Received the von Karman Lectureship in Astronautics Award (2016); Propellants and Combustion Award (2009); Pendray Aerospace Literature Award (2008); Airbreathing Propulsion Award (2005).

Other Accomplishments: Member, National Academy of Engineering; Fellow, ASME and Royal Aeronautical Society; Worcester Reed Warner Medal of ASME (2014); JANNAF Interagency Propulsion Lifetime Achievement Award (2014); Editor-in-Chief, JANNAF Journal of Propulsion and Energetics (2009-2012); Co-editor, Aerospace Book Series of Cambridge University Press (2010-).