



Embry-Riddle Aeronautical University, Prescott, AZ
College of Security & Intelligence
Distinguished Cyber Intelligence & Security Speaker Series
Oct. 25th, 1-2pm, Davis Learning Center (DLC) Auditorium

The College of Security and Intelligence is excited to have Dr. Susan Ying as our Distinguished Cyber Intelligence and Security (CIS) Speaker on Oct. 25th, 1-2pm, in the DLC. Please mark your calendars for this event and we hope to see you at the venue! Information on Dr. Ying and her talk at the DLC is given below.



Speaker: Susan Ying

Dr. Ying is the immediate past President of the International Council of the Aeronautical Sciences (ICAS), serving on the Executive Committee which leads in shaping the agenda of this multinational professional aerospace organization. Dr. Ying has devoted over 38 years to the aerospace industry, with experience at NASA, Boeing, and most recently the Commercial Aircraft Corporation of China (COMAC) as the Chief Integration Officer. She is now Senior Vice President of an electric aircraft start-up company “Ampaire”, responsible for the technology strategy and international relations.

Demonstrating success both at individual and team levels, Dr. Ying has been the recipient of many honors, including the People’s Republic of China Friendship Award, Asian American Engineer of the Year Award, Boeing Professional Excellence Award from the CTO, NASA Group Achievement Award, AIAA Applied Aerodynamics Best Paper Award, and the Professional Achievement Award for Women of Color in Technology. Dr. Ying is also recognized as a Fellow of the AIAA and Fellow of the Royal Aeronautical Society (RAeS).

With a deep passion for flight, Dr. Ying holds a Commercial Pilot License and is a FAA- Certified Flight Instructor. She received her PhD and MS degrees in Aeronautics and Astronautics from Stanford University and BS in Mechanical and Aerospace Engineering from Cornell University. As an aviatrix and proud airplane owner, she has two General Aviation airplanes – a Citabria 7GCBC and a Cessna 150, both based in the US.

Talk title: Aviation’s Third Revolution – it is electrifying

Talk abstract: Our global aerospace industry is now in its Third Revolution. The First Revolution took us to the jet age. The Second Revolution brought us to today where at any given time, there are thousands of commercial jets in the air. With the convergence of breakthrough innovations potentially yielding unprecedented integrated capabilities, aerospace engineers can now open the design space beyond the traditional tube-and-wings configuration and fossil-fuel based power plant. How can we work with global aerospace stakeholders to embrace emerging breakthrough technologies as the catalyst for shaping a better future? This presentation overviews and highlights how innovations in commercial electric aircraft will make flying clean, quiet, safe, reliable and more accessible to everyone than ever before.

Join us and help assure advances that enable the future aircraft!

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