



Dr. Rongsheng (Ken) Li
Senior Technical Fellow
The Boeing Company

Citation of Accomplishment

Dr. Rongsheng (Ken) Li is a Boeing Senior Technical Fellow with sustained innovation and outstanding achievements in the development of aerospace guidance, navigation and control systems who has been issued more than 40 patents and published nearly three dozen technical papers, as well as sharing his knowledge by teaching university courses to the next generation of technical leaders.

Biography

Dr. Rongsheng (Ken) Li is a Boeing Senior Technical Fellow and an industry-leading innovator and expert in the development of aerospace guidance, navigation and control systems. With Boeing Research & Technology, Dr. Li is responsible for strategizing, creating, defining and developing advanced guidance, navigation and control technology for The Boeing Company.

Dr. Li has been issued more than 40 patents for his work and published nearly three dozen papers in technical journals and at conferences.

Dr. Li also teaches advanced engineering courses at the University of California, Los Angeles, including Spacecraft Attitude Control, Kalman Filtering & Applications, and System & Software Architecture. Through teaching and mentoring he is developing the next generation of technical leaders.

Previously, Dr. Li was with Boeing Network & Space Systems (formerly Hughes Space and Communications) for 19 years and was a primary developer of the stellar-inertial attitude determination & control system for several of the nation’s key space assets.

Earlier in his career, Dr. Li managed the system analysis department at BAE Lear Astronics Corp. responsible for modeling, simulation and design of aircraft flight control, navigation and guidance. Dr. Li was the primary system architect and software developer for several important Global Positioning Systems/Inertial Navigation Systems and flight management systems in the industry.

Dr. Li received his Ph.D. in electrical engineering in 1989 from the University of Southern California and bachelor’s and master’s degrees in electrical and aerospace engineering in China, where he grew up.

Dr. Li spent only nine years in elementary, middle, and high school without receiving a diploma before attending China’s Northwestern Polytechnic University at age 15. Dr. Li was fortunate to be among the first generation of university students after China ended its Cultural Revolution and restored the higher education system.

Dr. Li and his wife are proud parents of two high-achieving sons; one is attending Harvard Medical School and the other is a sophomore at Stanford University.

Asian American
Engineer
of the Year
Award

