Biography

Boeing Engineering, Operations & Technology
5301 Bolsa Ave.
Huntington Beach, CA 92647
www.boeing.com

Naveed Hussain

Vice President
Aeromechanics Technology
Boeing Research & Technology

Naveed Hussain is vice president of Aeromechanics Technology and leads the Boeing Research & Technology (BR&T) research center in Southern California.

The organization is part of BR&T, Boeing's advanced central research and development unit. BR&T provides innovative technologies that enable the development of future aerospace solutions while improving the cycle time, cost, quality and performance of existing Boeing products and services.

Hussain oversees a team of scientists, technologists, technicians and engineers who are responsible for integrated technology development in the areas of flight sciences and structures.

Prior to this assignment Hussain led Platform & Networked Systems Technology for BR&T, where he was responsible for advanced research in electronics, electro-optics, modeling and simulation, homeland security, power and energy management systems, advanced air traffic management, semiconductors, networked systems, services technology, and cyber-security. Hussain also served as chief engineer of Network & Tactical Systems (N&TS) for Boeing Defense, Space, & Security, responsible for ensuring engineering technical excellence and mission assurance for all N&TS programs including tactical networking, communications antennas, combat support vehicles, airborne and ground-based satellite terminals, and robotics.

Since starting his career at Boeing as a Howard Hughes Doctoral Fellow in 1990 Hussain has served in a number of key leadership roles of increasing responsibility and breadth, including: leading engineering design and technology development

opportunities in India, including the launch of the BR&T-India research center in Bangalore; directing BDS Flight Engineering, where he developed and deployed common approaches to professional development, processes and tools for a 1,500-person engineering team; managing Attitude Control Engineering, where he led the development of all satellite and payload control systems at the Boeing Satellite Development Center; serving as an analyst and technical lead on numerous commercial and U.S. Government programs, studies and proposals.

Hussain earned a Bachelor of Science degree from Rensselaer Polytechnic Institute and a Master of Science degree and a doctor of philosophy degree from Stanford University, all in Mechanical Engineering. He also completed an MBA from The Wharton School, University of Pennsylvania.

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Contact: Boeing Research & Technology Communications, +1 425-965-3054