

# Asian American Engineer of the Year

**Dr. Tony Y. Torng**

Technical Fellow/System Engineer  
Boeing Defense, Space & Security  
The Boeing Company



## Citation of Accomplishment:

**Dr. Tony Torng, a Technical Fellow for Boeing Defense, Space & Security, is a nationally recognized technical expert and team leader in Probabilistic Reliability-related technologies whose unique thinking leads to innovative solutions for technical challenges.**

Dr. Tony Torng is a Technical Fellow and System Engineer in the Network & Tactical Systems group of Boeing Defense, Space & Security. He directs and manages numerous technology contracts and Research and Development projects, and oversees the Probabilistic Analysis and Design (PAD) team for the Boeing enterprise.

Dr. Torng is a nationally recognized technical expert in Probabilistic Reliability-related technologies with in-depth knowledge in Probabilistic Analysis and Design, Reliability and Maintainability, Probabilistic Risk Assessment, System Health and Engineering Mechanics.

His experience and expertise in developing computational engineering tools have made him a nationwide expert frequently called upon to solve technical challenges. He has demonstrated unique thinking which leads to innovative solutions. His ability to write, present, and converse at various technical levels, both inside and outside the company, have been important factors in his many success.

Torng received a bachelor's degree in Naval Architecture from National Taiwan University in Taipei. He also earned a master's degree and Ph.D. in Mechanical Engineering from the University of Arizona. Torng has one patent, three patent disclosures and has written more than 90 technical papers.

Torng enjoys sharing his technical knowledge with peers, mentoring young engineers and volunteering in his local community. Torng is a founding member and current president of the Southern California chapter of the Chinese Institute of Engineers and a past president of the Society of Chinese American Aerospace Engineers. Torng has developed and taught an eight-session short course on Probabilistic Analysis and Design.

In his community, Torng promotes literacy through Friends of Diamond Bar Library, and has served on the city's planning and transportation commissions. He has received two community volunteer-of-the-year awards. Torng is well traveled and enjoys exploring the world with his wife and two sons.

