

Dr. Zafar Taqvi is a Systems Engineer for Ku-band subsystem of Boeing's International Space Station Communication and Tracking System and is working for Dynacs Inc. He has previously worked for about 23 years with Lockheed. He has been involved for 33 years with aerospace related activities in advance communication system and robotics from Apollo to present space station programs. He has been an adjunct professor at University of Houston Clear Lake and University of Houston System for over 30 years concurrently. He has a Ph.D. ('69) in Electrical Engineering from University of Houston.

Zafar has been honored by Clear lake Council of Technical Societies with Educator of the Year and Technical Person of the Year Awards; and by ISA with Distinguished Society Award, Fellow Award, and International Education Award, all at international level. He is member of honor societies of Tau Beta Pi, Eta Kappa Nu, Phi Kappa Phi, Omicron Delta Kappa and Sigma Xi .

Zafar is currently on various organizational boards and has been serving as volunteer for several professional societies. He has conducted Leadership workshops at many universities such as UT, University of Colorado, U of Arkansas, and to many students and professional groups. He is a Fellow of International Society of Systems and Automation (ISA), Associate Fellow of American Institute of Aeronautics and Astronautics (AIAA), and Senior Member of Institute of Electrical and Electronics Engineers (IEEE). He is a Distinguished Toastmaster.

**IEEE Activities** (Senior Member; Joined 1971, continuous for 35 years) past and present

Committee/Board

AESS Board, AESS Chapter Coordinator, AESS Assoc. V/P Membership; AESS International Affairs Committee; RAB/Students Activities Committee

Region: Region 5

Regional Chapter Coordinator, Regional Technology Policy Coordinator, Regional Students Activities Coordinator; Region 5 Annual Conference General Chairman (1995, 2002)

Section: Galveston Bay section

Chairman, Vice Chairman, Chair Education committee, Chair program committee, Chair students activities committee, Chair Professional Activities committee, Chief engineer FIRST competition

Chapters: Galveston Bay section

Chair Communication Society, Chair Joint chapter (AESS, RAB, PES, EBS, and Computer chapters)

Student Branch: University of Houston Clear Lake Students Branch

Advisor SPAC

IEEE Societies

Membership in AESS, ComSoc, VTS, Computer society, and RA

Conferences:

Organized VTC, Globecom, and NTC conferences in various capacities

IEEE Awards:

IEEE Regional Professionalism Awards twice, Third Millennium Medal

Special Interests:

Organizing conferences/symposia/workshops (about 50 technical and professional – IEEE Globecom, VTC, NTC; ISA International Conferences; IMEKO- ISMCR; AIAA-WAR; Clear Lake Council- INNOVATION); Conducting professional leadership workshops.