



HFES FELLOWS PROFILE

Name: Kenneth Boff

Email address: kboff@me.com

Short biography: KENNETH R. BOFF, 2007- 2016 Scientific Advisor to the Asian Office of Aerospace Research and Development (Tokyo) and Principal Technologist with Socio-Technical Sciences. From 2007- 2012, Principal Scientist with the Tennenbaum Institute. From 1997-2007, served as the US Air Force Research Laboratory Chief Scientist for Human Effectiveness. In this position was responsible for the technical direction of a multi-disciplinary R&D portfolio encompassing individual, organizational and socio-cultural behavior & modeling, training, protection and the bio and human-engineering of complex systems. He is best known for his work on understanding and remediating problems in the transition of research to applications in the design, acquisition, and deployment of systems and the value-centered management of R&D organizations. Holder of a patent for Rapid Communication Display technology, Boff has authored numerous articles, book chapters and technical papers, and is co-editor of "Organizational Simulation" (2005) and "System Design" (1987), senior editor of the two-volume "Handbook of Perception and Human Performance" (1986), and the four-volume "Engineering Data Compendium: Human Perception and Performance" (1988). Boff actively consults and provides technical liaison with government agencies, international working groups, universities and professional societies. He has organized and facilitated numerous technical workshops in the US, Europe and the Pacific Rim focused on contemporary issues in complex socio-technical systems. He is a Fellow of the Human Factors & Ergonomics Society and the International Ergonomics Association.

Career philosophy/mission statement: Focus my attention and skills on achieving hi-value outcomes

Advice for students: Challenge yourself, your ideas and especially and especially your deepest held beliefs. Keep your mind open to alternatives ways of seeing, experiencing, and understanding the universe you have chosen to live in.

Specialty Area(s): Academia & Teaching

Field of Interest(s): Aerospace; Applied Research; Augmented Cognition; Automation; Aviation; Basic Research; Cognition; Decision Making; Human Computer Interaction; Manager or Management; Military; Perception; Simulation; Virtual Environments

Geographic Location: US

Willingness to communicate with students/availability for face-to-face or virtual meetings: Yes, I am available

If you are willing to communicate with students, how can students contact you? Email

Fellow status: Emeritus



HUMAN FACTORS AND ERGONOMICS SOCIETY

Year inducted as a fellow: 1997

Awards/Honors: Presidential Rank Award (Nominated by the Secretary of the USAF) 2007 • IEEE Senior Member 2004 • Edenfield Executive in Residence; Georgia Institute of Technology 2002-2004 • NATO Scientific Achievement Award 2003 • NATO RTO/HFM Panel Excellence Award 2002 • Fellow, International Ergonomics Association (IEA) 2000 • Fellow, Human Factors & Ergonomics Society 1997 • Department of Defense, Certificate of Merit, Joint Logistics Commanders 1996 • Department of Defense, Technology Transfer Award 1993 • Directors Award, Armstrong Laboratory 1991 • US Patent: Rapid Communication Display Technology, (#4,845,645) 1989 • Scientific and Engineering Technical Achievement Award, Air Force 1989 Systems Command • Best Paper Award - Human Factors Society 1988 • Meritorious Award for Program Management 1985 • Rank Prize award, Cambridge University, UK 1984 • Columbia University Graduate Fellowship 1972-1976

Links to publications /Lab website/Research Gate or similar profile:

[CV/Resume](#)