



## HFES FELLOWS PROFILE



**Name:** Gavriel Salvendy

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**Short biography:**

Gavriel Salvendy is a University Distinguished Professor at the College of Engineering and Computer Science at the University of Central Florida and founding president of the Academy of Science, Engineering, and Medicine of Florida. He is also professor emeritus of Industrial Engineering at Purdue University and Chair Professor Emeritus and Founding Head of the Department of Industrial Engineering at Tsinghua University, Beijing, P.R. China. From 1984 to 1999, he was the NEC Corporation private chair holder at Purdue University. He is the author or co-author of 585 research

publications including 327 journal papers, and is the author or editor of 54 books. His publications have appeared in seven languages. He has been the major professor to 68 PhD students. His main research deals with the human aspects of design, operation, and management of advanced engineering systems. Gavriel Salvendy is the founding editor of two journals: The International Journal on Human-Computer Interaction and Human Factors and Ergonomics in Manufacturing and Service Industries. He was the founding chair of the International Commission on Human Aspects in Computing, headquartered in Geneva, Switzerland.

**Career Philosophy/Mission Statement:** Concentration of societal impact of research.

**Advice for students:** Do not follow research trends but lead it.

**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 (select all that apply)?**

Email

**Fellow status:** Emeritus

**Year inducted as Fellow:** 1968

**HFES Technical Group Affiliation(s):** Communications Technical Group; Internet Technical Group; Perception and Performance Technical Group; Product Design Technical Group; Usability and System Evaluation Technical Group

**Awards/Honors:** • Guest Professor at Southeast University (2015) • Elsevier John Wilson Award for major contributions to applied ergonomics presented by the International Ergonomics Association (IEA) 2015 • Honorary Professor at Tsinghua University (2014) • Medal of Merit for Education awarded by Chinese Government Entities (2014) – This is one of ten awards given for contributions for education in



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China the past sixty years. • The journals *Ergonomics* (2003), *Computers in Industry* (2010) and *Intelligent Manufacturing* (2011) have published special issues in honor of Gavriel Salvendy. • John L. Imhoff Global Excellence Award for Industrial Engineering Education, presented by the American Society for Engineering Education (ASEE), 2008. • John Fritz Medal, presented by the American Association of Engineering Societies, 2007. The award is referred to as the highest award in the engineering profession and is presented each year for scientific or industrial achievement in any field of pure or applied science. • Friendship Award presented by the People's Republic of China, 2006. The award is the highest honor the Chinese government confers on foreign experts. • The Paul M. Fitts Education Award, The Human Factors and Ergonomics Society, 2004 • Outstanding Educators Award, International Ergonomics Association (IEA), 2003 • President's Award, International Ergonomics Association (IEA), 2003 • Great Wall Friendship Award, The People's Government of Beijing Municipality, 2003 • Honorary Doctorate from the Chinese Academy of Sciences, 1995. He is the fourth person in all fields of science and engineering in the 45 years of the Academy ever to receive this award "for great contributions to the development of science and technology and for the great influence upon the development of science and technology in China." • Elected to the National Academy of Engineering, 1990. He is the first member of either the Human Factors and Ergonomics Society or the International Ergonomics Association to be elected to the Academy. He was elected "for fundamental contributions to and professional leadership in human, physical, and cognitive aspects of engineering systems." • Founding Editor, *Human Factors and Ergonomics in Manufacturing*, 1989- present. • Founding Editor, *International Journal on Human-Computer Interaction*, 1988-present. • Founding Chairman, International Commission on Human Aspects in Computing, Geneva, Switzerland, 1986-1991. • Fellow of the following professional organizations: ☐ Institute of Industrial Engineers (IIE) ☐ International Ergonomics Association (IEA) ☐ American Psychological Association (APA) ☐ Human Factors and Ergonomics Society ☐ Ergonomics Society • Recipient, IIE - Joint Publishers Award, Book-of-the-Year (*Handbook of Human Factors*), 1988. • Recipient, American Publishers Assoc. Award for the best book in Engineering (*Handbook of Industrial Engineering*) 1982. • Ergonomics Society, Honorary Fellow and Life Member • Recipient, Award for Excellence in Oral Presentation, Society of Automotive Engineers, Inc., 1980. • Recipient, 1979-80 and 1981-82 U.S. Government's Fulbright Distinguished Professor Award. • Recipient, American Institute of Industrial Engineers' Phil Carroll Achievement Award for Outstanding Contributions in Work Measurement and Methods Engineering, 1973.

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

<http://www.iems.ucf.edu/salvendy/>