



HFES FELLOWS PROFILE



Name: Anthony Andre

Email address: 800usability@gmail.com

Short biography: ANTHONY D. ANDRE received his Ph.D. in Engineering Psychology (Human Factors and Ergonomics) from the University of Illinois. He is a Certified Professional Ergonomist, recognized by the Board of Certification of Professional Ergonomists (BCPE).

In the early 90's Dr. Andre was as the Principal Scientist and Primary Investigator in NASA's Flight Deck Management and Human Factors Division, and Head of the Display-Control Evaluation Laboratory. He researched issues related to situation awareness, workload, cockpit interface design and adaptive automation. For the past 26 years he has led Interface Analysis Associates (IAA), an award winning Human Factors and Ergonomics consulting firm specializing in the design, evaluation and testing of software/hardware user interfaces, high-tech consumer products, healthcare products, and aerospace/automotive systems. Dr. Andre and his staff at IAA have designed, evaluated, and usability tested hundreds of products and systems.

Notable clients, among over 500, include: 3M, Abbott Labs, Amgen, Apple, AT&T, Baxter, Bayer, BMW, Cisco, Eli Lilly, Epson, Ford Motor Co., Fujitsu, Genentech-Roche, Google, Hitachi, IDEO, Intel, Johnson&Johnson, JPL, John Deere, Medtronic, Mercedes Benz, Philips, ROKU, Samsung, Siemens, St. jude, TiVO, and The Wrigley Company.

As a co-founder of the Human Factors and Ergonomics Graduate Program at San Jose State University, Dr. Andre has served as an Adjunct Professor of Ergonomics and Human Factors in the departments of Psychology and Industrial & Systems Engineering since 1993. He regularly teaches human factors courses and advises graduate students. Dr. Andre also holds various professional positions. He is the founder and chair of the International Symposium on Human Factors and Ergonomics in HealthCare. He is the Past President and an elected Fellow of the Human Factors and Ergonomics Society (HFES). He is also a past Contributing Editor of Ergonomics in Design and a past member of the Editorial Board of the International Journal of Aviation Psychology.

Dr. Andre has received numerous awards/honors over the year, including awards for research, publishing (author), teaching, speaking, designing and professional outreach. He is the author of over 125 publications. His work is cited in several major textbooks, journals and newspaper articles, and he has presented over 300 invited addresses, workshops, panel presentations and technical lectures on various human factors and ergonomics topics.

Career philosophy/mission statement: Make it better

Advice for students: Interact with older professionals.



HUMAN FACTORS AND ERGONOMICS SOCIETY

Specialty Area(s): Academia & Teaching; Research & Development; Applications & Practice; Management & Supervision

Field of Interest(s): Aerospace; Applied Research; Attention; Aviation; BCPE; Cognitive Psychology; Consultant; Educator; Healthcare; Human Computer Interaction; Leadership; Manager or Management; Methods; Practitioner; Product Design; Researcher; Transportation; User Experience/UX; Workload

Geographic Location: Bay Area, California

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? Phone; Email; Skype or video call

Fellow status: Active

HFES Technical Group Affiliation(s): Aerospace Systems Technical Group; Health Care Technical Group (Formerly Medical Systems and Rehabilitation); Product Design Technical Group

Year inducted as a fellow: 2012

Awards/Honors: Winner of the 2009 User-Centered Design Award for the design of the Cardiac Science G3 Plus AED, Human Factors and Ergonomics Society (HFES), Oliver Keith Hansen Outreach Award Winner 2018

Links to publications /Lab website/Research Gate or similar profile: <http://www.interface-analysis.website/>

[CV/Resume](#)