

Call for Article Ideas

By C. Melody Carswell, Editor

Ergonomics in Design is seeking contributions from authors on a number of topics identified as either underrepresented in recent volumes or of emerging interest to our readers. We are inviting submissions on any of the topics below in the form of either feature articles (3,000 words) or department articles (1,500 words). Please note that we continue to accept submissions on other topics related to the practice of human factors/ergonomics; however, submissions on any of the following or closely related topics will be given priority review and consideration.

- Maritime and rail travel issues
- Armor training or use of simulation in military training
- Electronic/video games and usability
- Comprehensive review of consumer electronics (good design versus poor design): new iPhone, iPod, hand-held navigational devices, cell phones, etc.
- Effects of fatigue on safety and productivity in the workplace
- Portable activity-monitoring devices for human factors investigations for longitudinal data collection using state-of-the-art algorithms and devices such as accelerometers, gyroscopes, and GSR
- Point-of-care devices
- Driver simulation research
- Comparative usability methodology
- Work on "culture-friendly" interfaces relevant to product globalization
- A series of case studies that document the problem, approaches to a solution, the solution, and cost-benefits

Of course, this list is not exhaustive of all the topics, controversies, or techniques we would love to see in our pages. If you have another topic in mind, please submit it as well. All articles will be reviewed by a primary and secondary reviewer, and we try to provide feedback within an eight-week period, depending on the specific need to find outside reviewers. Author guidelines may be found at <http://www.hfes.org/Web/PubPages/EIDGuidelines.pdf>.

Manuscripts should be submitted in electronic form (.doc format) to shoshana@hfes.org. For questions or to discuss article ideas, please e-mail me at cmcars@uky.edu, or relay the idea to any of the development editors, Jeff Kelley [jfkhfes@wellhost.com], John Shafer [jbshafer@stny.rr.com], or Dan Fisk [af7@mail.gatech.edu].



HFES 200 Technical Standards Committee Software Ergonomics Project

By Paul Reed, HFES 200 Chair

The HFES 200 Technical Standards Committee is working to establish HFES/ANSI 200 *Human Factors Engineering of Software User Interfaces* as an American National Standard using procedures approved by the American National Standards Institute (ANSI). The committee initiated consensus-building processes in July 2006 with the formation of a canvass committee consisting of key stakeholders, among whom are software producers, software users, and general-interest categories.

The initial review and ballot generated hundreds of comments from stakeholders. ANSI procedures require that every single comment must be addressed, and the comments from all stakeholders – along with the disposition of each comment – must be documented and distributed to all stakeholders for a second ballot. The HFES 200 Committee has addressed all the comments received by December 2006, and we plan to distribute a document containing the comments and the disposition of every comment to the stakeholders in March 2007. Based on largely favorable responses from ballots received during the first round of balloting, the committee is cautiously optimistic that the second ballot will result in approval of HFES 200 as an American National Standard.

The Society undertook the HFES 200 project following extensive participation in the development of international standards through the International Organization for Standardization (ISO). A key principle driving the HFES 200 Committee's contributions to ISO was the use of design guidance based on robust empirical findings and established industry practices. The objective of HFES 200 is to consolidate available design guidance to provide design requirements and recommendations that will lead to usability benefits such as increased ease of learning and ease of use of software, and accessibility benefits such as increased compatibility of assistive technology with available operating system software.

The HFES 200 software user interface standard consists of five parts:

- HFES-200.1: Introduction (Paul Reed, editor)
- HFES-200.2: Accessibility (Gregg Vanderheiden, editor)
- HFES-200.3: Interaction Techniques (Jim Williams, editor)
- HFES-200.4: Interactive Voice Response (IVR; Daryle Gardner-Bonneau, editor)
- HFES-200.5: Visual Presentation and Use of Color (Aaron Bangor, editor)



HFES 2007



Plan to attend the 51st Annual Meeting!

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