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HFES 2010: The Latest Research, Great Networking Opportunities, and More!

[Register today](#) and [book a hotel](#) room for the Human Factors and Ergonomics Society's 54th Annual Meeting, to be held September 27–October 1 at the Hyatt Regency San Francisco, Embarcadero Center. The technical program includes research, application, and theoretical work on a wide range of HF/E topics covering all technical and research areas represented by the Society's 23 Technical Groups.

Subject matter experts often do not formally acquire expertise in teaching methods. This panel session is designed to provide current and aspiring instructors with tools to enhance their pedagogic skills. Several new ideas and examples will be presented for using technology and devices to appeal to the visual learner in every student.

Practice-Oriented Presentations

In addition to the many presentations on research and theory, more than 100 focus on the practice of HF/E. Here are just a few of those papers and abstracts:

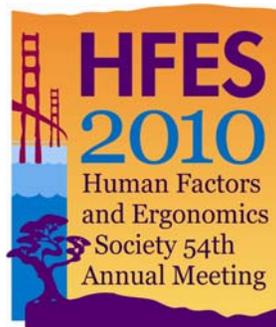
- **The Current Bottleneck for Computer-Based Culture Training – Who Cares About Etiquette?**

Peggy Wu and Christopher Miller
Wednesday, September 29, 2010, 1:30 to 3:00 p.m.

Current computerized training systems for students who must prepare for cross-cultural interactions place emphasis on language training, which is only part of the equation in effective communication. Knowledge about culturally dependent social norms directly influences the interaction outcome. A dynamic, customizable, computationally tractable model for the code of conduct, or etiquette, can alert us of the specific communication protocols of groups of interest, and can prevent overgeneralizations that can be detrimental to the end goal. The authors have adapted a sociolinguistic model of human-human interaction for use in language and culture training.

- **Visualizing Innovative Uses of Technology and Devices for Engaging College Students in Active Learning**

Carolyn Sommerich, Richard Sesek, Nancy Stone, Sharon Joines, Tonya Smith-Jackson and Eric Wiebe
Thursday, September 30, 10:30 a.m. to 12:00 noon



September 27–October 1, 2010
San Francisco, California USA

- **Tele-Ergonomics: A Novel Approach to Computer Workstation Ergonomic Assessment and Modification**

Nancy A. Baker and Karen Jacobs
Thursday, September 30, 1:30 to 3:00 p.m.

This paper describes the process of developing the Telerehabilitation Computer Ergonomics System (tele-CES). This program will allow ergonomically trained health professionals to remotely assess the computer workstation, which will eliminate several barriers to access that computer operators experience, and, based on the assessment, generate explicit participant-specific workstation modification recommendations. The tele-CES will be developed as a collaboration between ergonomically trained health professionals in multiple locations in the United States, telerehabilitation experts, and consumers.

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- **Chronic Disease Management: Improving Continuity of Care With Human Factors Engineering**

Laura Lin Gosbee
Thursday, September 30, 1:30 to 3:00 p.m.

The management of chronic disease by patients in the home care setting can involve a varied and complex set of tasks. The author uses food allergy, a chronic and potentially life-threatening condition, as a case study to explore the role that human factors engineering can play in improving patient continuity of care.

HFES 2010 ...

(continued from page 1)

• **Training Requirements of a Video Game-Based Cognitive Intervention for Older Adults: Lessons Learned**

Laura A. Whitlock, Anne Collins McLaughlin, and Jason C. Altaire

Friday, October 1, 10:30 a.m. to 12:00 noon

To examine the potential benefits of a complex online video game as a cognitive intervention for older adults, the authors developed a training and support program whose goal was to equip participants to handle the challenges of the game while maximizing their mental effort – an unusual aim. The training program was multimodal and encompassed both in-person and remote methods.

View the complete [online technical program](#) to see the full range of HF/E work to be presented at the meeting.

Early Morning Madness

Don't miss the Early Morning Madness sessions to see 25-second previews of full talks, providing an overview of the day's presentations to help you decide which ones to attend. Madness sessions take place on Tuesday from 7:00 to 7:45 a.m., and Wednesday through Friday from 7:15 to 8:00 a.m. If you are an author and wish to participate in the Madness sessions, [click here](#).

Sign Up for Workshops

In addition to the technical program, the 2010 Annual Meeting features 13 half- and full-day hands-on workshops on HF/E topics:

- A “Whys” Approach to Back Injury Prevention
- The Impact of Culture on User Experience
- Macrocognition Metrics and Scenarios: Design and Evaluation for Real-World Teams
- Communications Analysis for Assessing Collaboration
- Cognitive Crash Dummies: Predictive Human Performance Modeling for Interactive System Design
- Human-Centered Systems Engineering: How to Design, Develop, and Validate Human-Centered Products, Processes, and Services
- Human Performance Modeling and Simulation
- Sitting in the Hot Seat: How To Be an Effective Human Factors/Ergonomics Expert Witness
- Workshop on Falls: Walkway and Stairway Evaluations
- Questionnaire Design
- Online Usability Testing: Moving Beyond the Lab
- Task Structure Modeling and Flow Analysis: From Verbal Data to Practical Implications
- Design Creation and Development: Design Chautauqua 2010

All workshops take place on Monday, September 27, and space is limited. See the [Registration Information brochure](#) for details, or go directly to [online registration](#).

Usability and HCI Day

The Computer Systems Technical Group has partnered with the Internet Technical Group and the 2010 Host Committee to bring you a full day of events devoted to usability and human-computer interaction. On Wednesday, September 29, don't miss these sessions:

- Head to Head: Remote Usability Testing Takes On Live Usability Testing in the HFES Ultimate Fight Challenge
- Harvesting Innovation in the Industry: Prescriptions for Breakthrough Products
- Blasphemy or Pragmatics? When NOT To follow User-Centered Design Techniques

Enjoy Social Events and Network With Top Professionals

The Gala Opening Reception on Monday, September 27, offers an opportunity to join friends and colleagues to enjoy beverages and delicious food. If this is your first time at an HFES Annual Meeting, be sure to attend the First Timers' and Fellows Reception immediately preceding the Gala Opening Reception. Take advantage of the opportunity to meet some of the field's leading professionals in an informal setting.

Registered attendees and guests are invited to attend the Opening Plenary Session on Tuesday, September 28, 8:00–10:00 a.m., featuring the keynote address by retired Captain Chesley B. (“Sully”) Sullenberger, the US Airways pilot who masterfully landed Flight 1549 on the Hudson River on January 15, 2009. Admittance is by ticket, which is included in your registration bag or available through purchase via the [online registration page](#) or on site at the Registration Counter.

Events and Activities Designed for Students

Monday, September 27, features a full-day program for students. During Student Career and Professional Development Day, recent graduates and successful professionals from high-profile companies will offer insights and guidance on career development. The sessions are designed to be very interactive – questions and discussion are encouraged!

There's also a Student Reception, to be held on Tuesday, September 28, from 5:00 to 6:00 p.m., and throughout the week the Student Lounge offers a relaxed atmosphere for networking and social interaction. Click [here](#) for more information about the Student Lounge.

On-Site Career Center and Exhibits

Throughout the week, the on-site Career Center provides opportunities for employers to post job openings and review résumés, and for job seekers to post résumés and search for jobs. Check the [Career Center Web page](#) for details. And be sure to visit the exhibits, which include books, journals, software tools, workplace aids, and more.

Some Technical Tours Still Available

A range of technical tours offers the opportunity for attendees to visit local facilities and see firsthand how HF/E practices and programs are being implemented in these settings. Although the Google and IDEO tours are already sold out, you can still book a seat for Autodesk, NASA Ames Research Center,

and the Walt Disney Family Museum. See the [Registration Information brochure](#) for details or go directly to [online registration](#).

Follow the Annual Meeting on Facebook and Twitter

You can read updates and share your experiences at the meeting through Twitter and Facebook. [Follow the meeting on Twitter](#) and feel free to tweet using the hashtag “#hfes2010.” A [Facebook page](#) has also been created – “HFES 2010” – and is linked to the Twitter account. Become a fan of HFES 2010 to stay informed, ask questions, or share your experiences.

Register Today!

Register by **August 16** to take advantage of early registration discounts of up to \$100 (discounts not applicable for work-shop-only or student registrations). [Secure online registration](#) is available and will remain open until the last day of the meeting. Mail and fax registrations will be accepted through 5:00 p.m. Pacific time on September 10.

Getting to and Around San Francisco

Located only about 30 minutes from downtown, San Francisco International Airport (SFO) offers myriad domestic and international flights. Oakland International Airport is located across the Bay and is a smaller airport with mostly domestic service. Bay Area Rapid Transit (BART), taxis, and shuttles are available from both airports.

From SFO, BART trains depart regularly from the International Terminal. The 30-minute ride costs \$8.10 each way (board the Pittsburg/Bay Point train). If you fly into Oakland, board an AirBART shuttle bus (\$3.00, exact change) for the short ride to the Coliseum/Oakland Airport BART Station. Then board a San Francisco/Daly City-bound train. The 20-minute ride into San Francisco costs \$3.80. Whether coming from SFO or Oakland, exit BART at Embarcadero Station. Go up escalator A1 on the Drumm Street side to reach the front door of the Hyatt Regency San Francisco.

All BART stations have automatic ticket-vending machines that accept cash or credit and debit cards. For more information about schedules, stations, fares, and tickets, visit the [BART Web site](#).

Depending on your destination, you can also use BART to explore San Francisco and the Bay Area. But it isn't your only public transportation option. For trips within San Francisco, you can use San Francisco Municipal Transportation Agency (MUNI) buses, trains, and streetcars, not to mention the world-famous cable cars. Visit the [MUNI Web site](#) for more information.

Hyatt Regency San Francisco

Our headquarters hotel, the Hyatt Regency San Francisco, Embarcadero Center, is located in the heart of the financial district. It is a great starting point for exploring the city and for relaxing after a busy day. The hotel is within walking distance of

Fisherman's Wharf and its steps from Pier 39 and other attractions on the water, such as the ferry to Alcatraz. You can shop at nearby stores and the rejuvenated Ferry Building. And the rest of San Francisco's attractions are no farther than a transit ride.

The Hyatt Regency's rooms are spacious, and most have excellent views, with features such as 32-inch flat-screen TVs, iPod docking stations, and Hyatt Grand Beds. There is a Regency Club option (additional charge) with a lounge at the top of the hotel and a 24-hour gym. The HFES group rate is \$225 per night, plus taxes, for single or double occupancy. The special rate ends on September 3 or until the room block is filled, so [book your room](#) today!

Take Part in the Madness!

By Anne C. McLaughlin, Kelly Caine, and Richard Pak, Early Morning Madness Cochairs

HFES is introducing fast-paced “Early Morning Madness” presentations this year at the 54th Annual Meeting in San Francisco. These sessions will offer exciting 25-second previews of the full talks to be given later that day. This may sound like an impossibly short amount of time in which to present your work, but it promises to be fun and informative. If you are presenting a paper at the meeting, we encourage you to participate in the Madness session that will take place the morning of your presentation. On Tuesday, September 28, the session will take place from 7:00 to 7:45 a.m., prior to the Opening Plenary Session. Wednesday through Friday, September 29–October 1, Madness sessions will take place from 7:15 to 8:00 a.m.

Preparing Your Madness Presentation

To participate, please prepare a single slide in PowerPoint or as a pdf. Your slide will appear on screen for 25 seconds. Or you can show a video, as long as it is 25 seconds or less. Feel free to be creative! At CHI 2010, where we borrowed this idea, presentations included everything from a research rap video to a limerick that summarized research findings. If you don't have PowerPoint, we suggest you go to [www.openoffice.org](#), where you can save your presentation as a PowerPoint file. If you submit a video, it must be a WMV file and must not be longer than 25 seconds.

Please submit your slides or videos via e-mail to HFESmadness@gmail.com by **5:00 p.m., Pacific Time, September 1**. Plan to arrive for your Early Morning Madness session by 6:45 a.m. on Tuesday, or 7:00 a.m. Wednesday through Friday, so there is enough time to get everyone in line.

Note that no presentation will be allowed to go longer than 25 seconds. If you go over, we will stop you at the 25-second mark and the next person will walk up to the microphone and begin. Try to give just the right amount of information for audience members to take note of your presentation so that they will want to attend your full talk later in the day!

If you have any questions, please send an e-mail to HFESmadness@gmail.com. Don't miss this chance to advertise your talk – take part in the Madness!

2010 Student Lounge Activities Planned

By Jennifer Umayam, 2010 Annual Meeting Host Committee

The Student Lounge at the HFES Annual Meeting provides student attendees with a place to network, prepare for presentations, or just enjoy a relaxing environment. This year, the lounge will also offer a the following activities for students.

Informal Mentors: Mentors will be available in the Student Lounge throughout the week to talk with students on an informal basis about topics such as finding a job in the field – in particular, what companies are looking for when hiring a new grad, how to prepare for an interview, resume writing – and more.

Meet and Greet: Student Lounge hosts will organize lunch gatherings for students at local restaurants to provide an opportunity for students to get to know one another.

Map of Student Attendees: A wall map will be provided for students to tack up their names showing where they are from.

We look forward to seeing you in the Student Lounge!

2010-2011 Directory & Yearbook Now Available

The HFES 2010-2011 *Directory and Yearbook* was mailed in July to all members in good standing who opted to receive it in print. For the most up-to-date member contact information, access the online member directory by logging in at hfes.org with your username and password, then click “Search the online member directory.”

Major sections of the 2010-2011 *Directory and Yearbook* are also available in PDF format after you sign in. Click “Access major sections of the [current Directory & Yearbook](#)” to view PDF files containing the committee, chapter, and technical group reports; lists of officers and committee chairs; award recipients; and more.

If you opted to receive the 2010-2011 *Directory and Yearbook* in print but do not yet have it, please contact the Member Services Department at 310/394-1811 or membership@hfes.org.

HUMAN FACTORS

Call for Papers: Special Issue on Occupational Fall Prevention and Protection

By Hongwei Hsiao & Thomas J. Armstrong,
Special Issue Editors

Members and nonmembers are invited to submit papers for a special issue of *Human Factors* devoted to the prevention of and protection from occupational falls.

Slips and falls are serious events that can lead to injury in the workplace. A recent report by the [Injuries, Illnesses, and Fatalities program](#) of the U.S. Bureau of Labor Statistics (BLS) found that there were 260,610 fall-related, nonfatal occupational injuries involving days away from work in 2008, which accounted for about a quarter of occupational injuries in the year. BLS also reported 847 fall-related fatalities for calendar year 2007, which accounted for 15% of overall occupational fatality cases.

The health services and wholesale and retail industries experience the highest frequency of nonfatal fall injuries, and the construction industry continues to suffer the highest rate of fall-related fatalities. Health care support, building cleaning and maintenance, transportation and material moving, and construction and extraction occupations are particularly at risk of slips and falls. Compensation and medical costs associated with employee slip-and-fall incidents have been estimated at approximately \$70 billion annually in the United States. Many countries are facing the same challenges as the United States with slip-and-fall injuries in the workplace.

We invite submissions dealing with topics including, but not limited to.

- Fall hazard assessment
- Fall injury mechanisms and modeling
- Preventing falls from elevation
- Control of slips, trips, and falls
- Intervention methods and effectiveness
- Fall risks among high-risk and vulnerable worker groups/

The special issue is intended to bring national attention to fall prevention research and increase fall prevention funding opportunities. In addition, the publication will encourage international collaboration to accomplish global strategic goals for fall prevention and protection.

Submissions are limited to 4,500 words, excluding abstract, key points, and references. Manuscripts with multiple-experiment series are limited to 4,500 words plus 3,000 words for each experiment (or model) beyond the first experiment. Manuscripts should be submitted via the online submission and review site at mc.manuscriptcentral.com/humanfactors; be sure to indicate the Occupational Fall Prevention special issue. Submissions are due by **January 3, 2011**. View the [Instructions for Authors](#) for additional information on submitting manuscripts. Initial review results will be available by April 8, 2011. The final revision deadline is October 7, 2011, and acceptance notifications will be sent by November 4, 2011. Publication of the special issue is expected by mid-2012. Please address questions to Special Issue Editors Hongwei Hsiao at hxh4@cdc.gov or Thomas J. Armstrong at tja@umich.edu.

Call for Papers on Methods for the Analysis of Communication

By Nancy J. Cooke, Andrew Duchon, Jamie C. Gorman, Joann Keyton, & Anne Miller, *Special Issue Editors*

Communication is a hallmark of human behavior and one of the primary observable indicators of team process. As such, it contributes to important metrics in areas of human factors/ergonomics that concern teams and collaboration (e.g., cognitive engineering, macroergonomics, computer systems, and medical systems). The analysis of communication data extends beyond HF/E and is fundamental in disciplines such as industrial/organizational psychology, business management, communication, political science, information systems, and sociology.

We invite theoretical, methodological, and empirical work that addresses the analysis of communication data for a special issue of *Human Factors*. Topics of interest include the following:

- Methods for communication data collection, transcription, and coding
- The space of analytic methods
- Specific analytic methods
- Tools for communication analysis
- Mutidisciplinary perspectives on communication analysis.

Manuscripts are due **January 15, 2011**. We encourage submissions from within and outside the discipline of human factors/ergonomics. Please refer to the [Instructions for Authors](#) for general guidelines on submitting manuscripts. Upload your submission at mc.manuscriptcentral.com/humanfactors and be sure to indicate that the paper is for the “Methods for the Analysis of Communication” special issue. Contact Nancy J. Cooke at ncooke@asu.edu if you have questions.

Human Factors Online Now on Next-Generation Platform

SAGE Journals Online, in which *Human Factors* is included, has migrated to HighWire H2O. The upgraded platform offers new features and functionality designed to keep readers in context as they conduct their research, including

- Expanded discipline features – search and browse across 50+ disciplines.
- Abstract preview – Mouse-over entries available from tables of contents and search results provide pop-up previews of abstracts without leaving the page.
- Popular articles list – Most-viewed and most-cited articles lists are readily available from all pages within a journal site.
- Improved navigation – Redesigned main portal page provides targeted options for all types of users.

- Tag-along navigation – Content features follow alongside as you scroll down the article page.
- Pop-up references – Full citations pop up when you hover over reference numbers within the text of an article.
- Keyword pivot searches – Keywords are now hyperlinked to perform quick searches of that term across all content in the journal.
- Feature hideaway – Author affiliations, related links, and other functions can be expanded or hidden from view; these preferences are retained throughout a session.

To access the *Human Factors* content on SAGE Journals Online, log in to the members-only section of the [HFES Web site](#) using your HFES username and password, then click on the “Access *Human Factors* on SAGE Journals Online” link. Forgot your username or password? Contact Member Services at 310/394-1811 or membership@hfes.org.

PUBLIC POLICY MATTERS

The Value of FABBS for HFES

By Douglas Griffith, *HFES Representative to FABBS*

I am frequently frustrated by the need to explain to people what we in human factors/ergonomics do, despite the yeoman efforts of HFES to communicate to the public the existence and value of our work. We are not alone in this relative obscurity. Most, if not all, of the other constituent professional organizations of the Federation of Associations in Behavioral and Brain Sciences (FABBS) face the same problem. So FABBS is addressing a very large need.

Here is the mission statement of FABBS: “The Federation promotes human potential and well-being by advancing the sciences of mind, brain, and behavior. As a coalition of scientific societies, we communicate with policy makers and the public about the importance and contributions of basic and applied research in these sciences.” FABBS is a dues-supported coalition of member organizations and academic and corporate affiliates. It represents the interests of scientists who conduct research in mind, brain, and behavior sciences, focusing efforts on advocacy, education, and the communication of information to scientists.

An immediate objective of FABBS is to foster the recognition of its member organizations as STEM (science, technology, engineering, and mathematics) disciplines. STEM disciplines are definitely “hot.” They are recognized as being essential to economic development, in particular, and to the well-being of the country, in general. There is widespread agreement that STEM disciplines should be heavily funded. The problem is that HFES and other professional organizations represented in FABBS are not recognized as STEM disciplines by everyone. Some regard our work as “soft” and not as hard-nosed and rigorous as “true” STEM disciplines. This might seem ridiculous

to us. Indeed, we might argue that in today's world, HF/E is even more relevant than the older STEM disciplines. We need to make this argument, and FABBS helps us in this regard.

FABBS advocates before Congress, the executive branch, and federal agencies for fiscal and policy alternatives that are beneficial to behavioral science and its applications. Some of this advocacy takes place publicly, via events such as Science Policy Briefings. When needed, FABBS writes letters to government officials. Its staff members visit congressional offices and federal agencies, and representatives from FABBS organizations work on ad hoc committees of special relevance. FABBS interfaces directly with the Outreach Division of HFES.

We human factors/ergonomics professionals tend to remain narrowly focused on our own work in our own discipline. One of the objectives of FABBS is to communicate information to scientists; that is, to communicate information among the disciplines represented by FABBS. Being more aware of other, possibly related, research allows us to expand our knowledge and reach into new applications.

I do not regard my responsibilities as the Society's liaison to FABBS as particularly onerous. Although I remain in contact with FABBS throughout the year, there is only a one-day meeting in December which I need attend. This is a very interesting meeting because representatives from all the constituent organizations attend. So a wide breadth of organizations are represented, and they are all interested in the behavioral and brain sciences. Although I am currently the only official representative of HFES in attendance, HFES member Gerald P. Krueger is a member-at-large on the Executive Committee. Former HFES President Deborah A. Boehm-Davis also attends, but in the official role of a representative from the American Psychological Association.

FABBS also publishes an informative monthly newsletter. You can subscribe to this newsletter by going to the [FABBS Web site](#), where both the current and back issues can be accessed. You can also learn much more about FABBS, including the names of the other 26 constituent organizations.

Rumor has it that HFES will be awarded another seat, so perhaps another colleague will join me.

For more information on HFES government outreach efforts, see the [Public Policy Matters page](#) of the HFES Web site.



HFES Members Prominent on Committee Receiving Award

In June the Association for the Advancement of Medical Instrumentation (AAMI) presented its 2010 AAMI Technical Committee Award to its Human Factors Engineering Committee for the group's work on ANSI/AAMI HE75:2010 – Human factors engineering – Design of medical devices.

The committee, cochaired by HFES members Edmond W. Israelski and Matthew B. Weinger, also includes the following HFES members: W. Gary Allread, Eric D. Bergman, Ramon Berguer, Paul A. Blowers, Richard Botney, Evan T. Edwards, Rollin J. Fairbanks, Daryle Jean Gardner-Bonneau, Rodney A. Hasler, David H. Hoffmeister, William H. Muto, Robert A. North, Janine A. Purcell, Robert G. Radwin, S. Noel Simpson, Molly Follette Story, Robert C. Sugarman, Stephen B. Wilcox, Edward S. Halpern (alternate), and Ronald D. Kaye (alternate).

Proposals Sought on Space Crew Health and Performance

The NASA Research Announcement (NRA) entitled "Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions" jointly solicits proposals for ground-based bed rest definition and flight definition for the NASA Human Research Program (HRP) and the National Space Biomedical Research Institute (NSBRI). This NRA was released on July 23.

The solicitation document is available through the [NASA Research Opportunities home page](#). Follow menu listing links from "Solicitations" to "Open Solicitations." On the Open Solicitations page, select NNJ10ZSA003N from the list.

NSBRI is seeking proposals in the following areas:

- Cardiovascular alterations
- Human factors and performance
- Musculoskeletal alterations
- Neurobehavioral and psychosocial factors
- Sensorimotor adaptation
- Smart medical systems and technology

Proposals are solicited by NASA in these areas:

- Host-microbe interactions
- Crew microbiome
- Workload measures
- Habitability concept tools
- Psychosocial aspects of food acceptability
- Neurocognitive performance
- Team autonomy
- Behavioral health and performance ISS utilization
- Muscle: gender and hydration

NEWS, cont.

- Muscle: in-flight changes
- Nutrition and exercise
- Immunology
- Pharmacology: space motion sickness
- Bone: fracture healing
- EVA physiology: suit injury countermeasures

Proposals solicited through this NRA will use a two-step proposal process. Proposals responding to the NASA emphases and NSBRI emphases must be submitted separately, and will result in separate evaluations and awards. See the online solicitation for additional details. Step-1 proposals are due on **September 2, 2010**, and invited Step-2 proposals are due on **December 1, 2010**. Participation is open to all categories of organizations, including educational institutions, industry, nonprofit organizations, NASA centers, and other government agencies.

MEMBER MILESTONES



HFES Fellow **Diane L. Damos** gave an invited presentation at the National Transportation Safety Board's Safety Forum on Professionalism in Aviation. The forum was held May 18–20 in Washington, D.C. Her talk was entitled, "The Current Status of Pilot Selection." She may be reached at damos@damosaviation.com.



Brian M. Kleiner, HFES Fellow and professor of industrial and systems engineering in the College of Engineering at Virginia Tech, has been named the Ralph H. Bogle Professor Fellow in Industrial and Systems Engineering by the Virginia Tech Board of Visitors. The fellowship was established to recognize excellence in teaching and scholarship and recipients hold the fellowship for a period of two years. Kleiner may be contacted at bkleiner@vt.edu.



The National Academy of Engineering and the National Research Council have named HFES Fellow **Najmedin Meshkati** as a member of the committee that will conduct a technical analysis of the causes of the Deepwater Horizon explosion and oil spill in the Gulf of Mexico. The committee will recommend measures with the goal of preventing similar disasters in the future. Meshkati is a professor of engineering at the University of Southern California and a Jefferson Science Fellow serving as a senior science and engineering adviser to Office of the Science and Technology Adviser to the Secretary of State. He may be reached at meshkati@usc.edu.

MEMBER MILESTONES

Andrew David "Andy" Keller, a leader in the Denver-area human factors/ergonomics community, passed away on July 13 after a battle with cancer. Andy earned a BA in psychology from Mankato State University, joining the Human Factors Society in 1961. He served in the U.S. Army from 1966 to 1968 and worked on design and safety improvements for a personnel carrier. He later joined IBM as a human factors engineer in product development and assurance, and then as a site occupational ergonomics coordinator. Andy earned an MA in human factors psychology at the University of South Dakota and achieved BCPE certification in 1993. After 17 years at IBM, he worked as a self-employed consultant under the business name Human Factors Design.

Andy was a charter member of the HFES Rocky Mountain Chapter, served as chapter president for five years, and for many years was treasurer and director. He played a major role in the revitalization of the chapter in 1997; with his help, the chapter has continued to be active to this day. He will be remembered by Rocky Mountain Chapter members as a pleasure to have at meetings. He had a very open and outgoing personality and invariably would raise interesting questions that would reflect his own unique perspective and stimulate thought and discussion.

—Beth Meyer & David R. Lenorovitz

Bulletin



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Features Editor: Pamela Savage-Knepshield pam.savageknepshield@us.army.mil
Communications Director: Lois Smith, lois@hfes.org
Managing Editor: Scott MacDonald, scott@hfes.org
Advertising: R. C. Bubltitz & Assoc., 800/485-5029, dickbubltitz@sbcglobal.net
General Information: info@hfes.org

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