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From the President: Summer Updates

By Kathleen L. Mosier, HFES President

As you enjoy the balmy days of summer, let me bring you up to date on various activities and initiatives.

Annual Meeting Keynote Speaker

In case you haven't checked the HFES Web site lately, I'm excited to tell you that the keynote address for the 54th Annual Meeting in San Francisco will be presented by Chesley B. "Sully" Sullenberger III, the US Airways pilot who masterfully landed Flight 1549 on the Hudson River on January 15, 2009. Captain Sullenberger's insights should be valuable to both researchers and practitioners. He is highly informed about and sympathetic to issues of safety in aviation and has worked on these issues in his consulting firm and with human factors/ergonomics researchers at NASA Ames Research Center. Read a preview of his talk [here](#), and please join us for what promises to be an interesting and informative keynote address.

Your Executive Council...

...has been working hard this year to enhance the value of your membership. In addition to our two yearly business meetings, we've initiated the practice of monthly teleconferences to address pressing issues. The HFES organizational structure has evolved somewhat over the past several years, as illustrated by the addition of Division Chairs.

What Is a Division Chair?

HFES is organized into five divisions (formerly called *domains*): Internal Affairs, Publications, Outreach, Professionalism, and HFES Institute. Division chairs are appointed by the current HFES president and serve three-year terms. They coordinate the work of committees within their division and report on activities and issues at HFES Executive Council meetings. We are extremely fortunate to have the following excellent Division Chairs: James P. Bliss for Internal Affairs, Kermit G. Davis for Publications, Deborah A. Boehm-Davis for Outreach,

S. Camille Peres for Professionalism, and Bruce Bradtmiller for HFES Institute. If you see them at the Annual Meeting (look for the Division Chair ribbons), be sure to tell them thanks for their hard work!

Is Your HF/E Graduate Program Accredited?

We're improving the process of applying for HFES accreditation for graduate programs. Revisions to the Self-Study Guide make requirements clearer and should facilitate the process of applying for HFES accreditation or reaccreditation. Defining requirements for accreditation is tricky, as our discipline is quite broad, and many HF/E programs have become increasingly specialized in content. The current requirements include a broad range of knowledge across the areas of human factors/ergonomics. We've provided guidance as to what and how much coverage of nonemphasized HF/E areas represents – at least at a minimal level – a sufficient range of knowledge for accreditation. HFES accreditation is an asset for graduate programs and for their faculty and students. Please [contact me](#) or [Patricia R. DeLucia](#), Chair of the Accreditation Committee, if you have questions.

Have You Checked Us Out on the Web?

Friended HFES on [Facebook](#)? Checked for the latest on [Twitter](#) or [LinkedIn](#)? Attended an HFES Webinar? We're definitely on the Web and linked to several social networking sites! However, we need people to provide content, stimulate discussion, and engage members in timely and important topics in order to ensure a continued active presence on the Web. [Contact me](#) if you want to help with this essential task – or contribute your own content!

Watch the HFES Web site for upcoming announcements on new formats for obtaining publications, on *Reviews of Human Factors and Ergonomics*, Volume 6, and on an exciting new award to be offered by *Human Factors*.

HFES 2010 Registration Site and Program Now Available

Registration for the 54th Annual Meeting in San Francisco is now open. You may register online with payment by credit card, money order, or check. Go to the [Annual Meeting page](#) and follow the link to the online registration form. Online registration will be available through **October 1**.

To take advantage of early registration discounts of up to \$100, you must register by **August 16** (not applicable for workshop-only or student registrations). **NOTE:** You must provide a valid e-mail address when using the online registration form so HFES can send you a confirmation. (HFES will never release your e-mail address.) All registrations, except for those attending only Monday workshops, include admission to technical sessions and the Gala Opening Reception. Workshops and tours require payment of a separate fee. Fax registrations are accepted with check, credit card, or money order; fax the form to 714/957-9112.

Online Preliminary Program

The full program for the 2010 Annual Meeting may be viewed from a link from the [main meeting page](#). The online program enables search on keywords in titles and abstracts, author names, day of the week, and technical groups. To simply browse the program, click the "Browse" button; if you would like to select individual presentations in order to create a personalized itinerary, log in. Search results can be exported. The final program booklet will be available online shortly before the Annual Meeting begins on September 27.

Early Morning Madness at HFES 2010

By *Anne C. McLaughlin, Kelly Caine, and Richard Pak*

HFES will be introducing an idea this year in San Francisco, borrowed from our friends at CHI: short "Madness" presentations to kick off each day of the 2010 Annual Meeting. These Madness sessions will consist of 25-second previews of full talks, providing an overview of some of the day's sessions to help you decide which ones to attend.

An invitation and instructions on how to participate in Madness will be sent to all authors prior to the Annual Meeting. Reserve your time quickly, as each session can accommodate a limited number of presenters. Tuesday's Madness session will take place from 7:00 to 7:45 a.m., prior to the Opening Plenary Session. Wednesday through Friday Madness sessions will begin at 7:15 and end at 8:00 a.m. Come get a flavor for some of the day's presentations to see which ones you don't want to miss. Come for the fun and energy of Early Morning Madness!

Don't Miss "Usability and HCI Day"

The Computer Systems Technical Group has partnered with the Internet Technical Group and the Annual Meeting Host Committee to bring you a full day of events devoted to usability and human-computer interaction. Here's the lineup at the 54th Annual Meeting on **Wednesday, September 29**:

Head to Head: Remote Usability Testing Takes on Live Usability Testing in the HFES Ultimate Fight Challenge

8:30–10:00 a.m.

Remote usability testing is emerging as a popular approach through which evaluators can test technology interfaces on a large number of participants quickly and inexpensively. Two types of remote studies have been employed, either unmoderated or with a moderator interacting remotely with the participant. This session is a novel format that pits the two in a head-to-head challenge using audience participants, who will be able to decide for themselves the advantages

and disadvantages of each method.

Harvesting Innovation in the Industry: Prescriptions for Breakthrough Products

10:30 a.m.–12:00 noon

This panel will bring together human factors leaders from some of the most innovative companies in the technology domain. They will describe how their companies have achieved such high levels of innovation and how this impacts the practice of human factors.

Blasphemy or Pragmatics? When NOT to Follow User-Centered Design Techniques

1:30–3:00 p.m.

This invited panel brings together several high-profile members of the HCI community for an exciting, if not controversial, discussion and debate. Each is well versed in the principles and best practices of user-centered design, user experience research, and design innovation. How do they respond to the emerging topic of when NOT to use conventional user-centered design techniques?

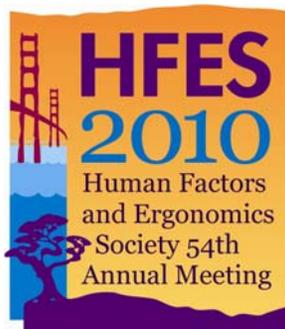
Networking Event

3:30 p.m.

The Computer Systems Technical Group and Internet Technical Group will hold a networking event.

But Wait, There's More...

In addition to the usability/HCI focus on Wednesday, the 54th Annual Meeting technical program includes other presentations on these topics. [Browse the online preliminary program](#) using keywords to find other papers and sessions of interest.



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

Sullenberger Keynote to Focus on Team Excellence

On Tuesday, September 28, during the Opening Plenary Session of the HFES 54th Annual Meeting in San Francisco, Retired Captain Chesley B. “Sully” Sullenberger will be the keynote speaker. Sullenberger is the US Airways pilot who masterfully landed Flight 1549 on the Hudson River on January 15, 2009. In his speech, “Preparing for Excellence: Leading Your Team to Success,” he will address how preparation, training, and leadership make all the difference when confronting a challenge. The Opening Plenary Session begins at 8:00 a.m.



Although many know about Sullenberger’s heroic actions on January 15, few have an understanding of the depth of his preparation, and how lives depended on his training every day. From his early career as a fighter pilot in the U.S. Air Force, to his ongoing work in commercial aviation as a pilot and safety trainer, Sullenberger’s life-long pursuit of learning and investing in himself shows the importance of education and preparedness, and illustrates that true leaders must always lead by example. He also will address the importance of organizational culture and how best to allow for human factors when promoting safety.

After serving in the Air Force, Sullenberger became a commercial airline pilot with Pacific Southwest Airlines, which was later acquired by US Airways. He has more than 40 years of flying experience. Sullenberger has performed accident investigation duties for the Air Force and served as an Air Line Pilots Association (ALPA) representative during a National Transportation Safety Board investigation and as an ALPA local air safety chairman. His work as a member of an ALPA national technical committee led to the creation of an FAA Advisory Circular. He was also instrumental in developing and implementing the Crew Resource Management course that is used by US Airways, and he has taught the course to hundreds of other airline members.

Recently retired after a three-decade career with US Airways, Sullenberger served as a management pilot and member of the company’s flight operations safety team.

Seating for the Opening Plenary Session is limited, so be sure to arrive a few minutes early. The event is free to registered attendees; guests may purchase tickets at the Registration Counter (\$10 each) or [via online registration](#).

Update Your Member Record

Have you recently moved? Changed jobs? Obtained a new e-mail address or phone number? HFES relies on you to keep your member record updated to ensure that you receive uninterrupted delivery of your HFES publications and so that we can keep you abreast of Society news and activities. To make changes to your member record, please log in with your user name and password at hfes.org and click on “View/change my membership information.” Or simply notify the Member Services Department, membership@hfes.org, 310/394-1811.

2010 Student Career and Professional Development Day

By Sandra K. Garrett, Student Affairs Committee Chair

Save the date! Monday, September 27 will be a day packed with helpful information targeted at today’s students and tomorrow’s HF/E professionals. Student Career and Professional Development Day at the Annual Meeting provides an opportunity for students to focus on career preparation and transition and to learn from those who have already been there.

Panelists will represent both recent graduates and highly successful professionals from high-profile companies, some of which will be recruiting at the Annual Meeting. Key topics of focus for this year’s colloquium will include the skills students need to do HF/E work in high-tech industries and how to obtain those skills, how to network effectively (including how to use social networking to obtain a job or advance your career), and lessons learned from recent graduates (including what it’s really like on the inside, what they are asked to do on a day-to-day basis, and what students should do to prepare for a job).

All the Career Day sessions are designed to be very interactive, so although each panelist will be sharing some guidance and words of wisdom from his or her experience, a large portion of time will be set aside for audience questions and discussion. Please plan to attend this special day of events devoted to students. For additional information about Student Career and Professional Development Day, contact me at garrett@clemsun.edu or 864/656-3114. Come prepared to participate, learn, and have fun!

Student Accommodations for HFES 2010

Rooms for students attending the 2010 Annual Meeting have been blocked at the Mosser Hotel, located at 54 Fourth St., San Francisco, CA 94103, 7 blocks from the Hyatt Regency. The rate is \$109 per night, plus taxes, for single or double occupancy. The hotel offers complimentary light continental breakfast from 7:00 to 10:00 a.m. and complimentary Internet in guest rooms. To reserve a room, call 800/227-3804 (Monday through Friday from 7:30 a.m. to 5:30 p.m. Pacific Time) or send an e-mail to reservations@themosser.com and mention HFES to get the group rate. The rate is available until September 3 or until the room block is filled.

It’s a 15-minute walk from the Mosser Hotel to the Hyatt Regency, or catch a Muni F-line bus or BART at Market Street, which is half a block from the Mosser Hotel. Exit at Embarcadero.

Share a Room and Save

Student Volunteers Cochair Shanqing (“S.Q.”) Yin has set up a student roommate-matching service. If you need to find a roommate, send S.Q. an e-mail (hfes2010roommate@gmail.com) with

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“HFES Roommate Matching” in the subject line and include the following information in your message:

- name
- gender
- university you are attending
- phone number
- e-mail address
- dates of attendance
- housing preference (conference hotel, other hotel)
- preference for housing based on location (closest to conference) or rate (least expensive)
- maximum number of students per room

This information will be compiled in a master list, updated regularly, and sent only to students interested in the roommate-matching service. Students are responsible for selecting and contacting those who match their preferences and for making their own lodging arrangements.

CHAPTER NEWS

Applied Human Factors Research Symposium to Honor Senders

The University of Toronto Student Chapter is organizing a Celebration of Applied Human Factors Research in honor of HF/E pioneer John W. Senders's 90th birthday. The symposium will bring together some of the most influential members of the HF/E community to remind us of the important work of Senders and his colleagues in the 1960s and to educate us about present and future HF/E issues.

Speaking at the event will be Marilyn Sue Bogner, Don C. Donderi, Michael Drillings, Jerry Elkind, Neville Moray, Donald A. Norman, Penelope M. Sanderson, Abigail Sellen, Alison M. Smiley, Shumin Zhai, and the guest of honor himself, John W. Senders.

The symposium will be held on Friday, July 23, at the University of Toronto. For more information, and to register, please visit the [University of Toronto Student Chapter's Web site](#).



ELECTIONS

Candidates Slated for 2010 Election of Officers and Executive Council Members

The nomination ballots for this year's election have been tallied, and the following candidates have agreed to run for office. Ballots have been mailed to all Full Members and Fellows in good standing. Completed ballots are due **August 2**.

President-Elect

Mica R. Endsley, President, SA Technologies

Eduardo Salas, Pegasus Professor and University Trustee Chair, Department of Psychology and Institute for Simulation and Training, University of Central Florida

Joel S. Warm, Senior Scientist, Air Force Research Laboratory, Wright-Patterson Air Force Base

Secretary-Treasurer-Elect

Kermit G. Davis, Associate Professor, Environmental Health, University of Cincinnati

John F. "Jeff" Kelley, Senior Managing Consultant, IBM Global Business Services, Usability Engineering Practice, and Adjunct Associate Professor, Department of Engineering, Georgia Institute of Technology

Valerie J. Rice, Chief and Certified Professional Human Factors Engineer/Ergonomist, Army Materiel Command – Army Research Laboratory – Human Research and Engineering Directorate – Army Medical Department Field Element; U.S. Army Medical Department Center and School, Fort Sam Houston

Executive Council Member At-Large

Barrett S. Caldwell, Professor, Industrial Engineering and Aeronautics and Astronautics, Purdue University

Sheryl L. Chappell, Chief Engineer, Unmanned Systems, SA Technologies

David J. Cochran, Professor, Industrial and Management Systems Engineering, University of Nebraska – Lincoln

Nancy J. Cooke, Professor, Applied Psychology Program, Arizona State University

Anand K. Gramopadhye, Professor and Chair, Department of Industrial Engineering, Clemson University

Paul A. Green, Scientist, University of Michigan Transportation Research Institute.

New Anthropometric Data Available

By Bruce Bradtmiller, HFES Institute Division Chair

The International Organization for Standardization (ISO) recently released a new document, Technical Report 7250-2, “Basic human body measurements for technological design – Part 2: Statistical summaries of body measurements from individual ISO populations.” The technical report contains summary statistics for a number of anthropometric dimensions from various countries around the world. Along with ISO 7250-3 “Basic human body measurements for technological design – Part 3: Worldwide and regional design values for use in ISO equipment standards,” currently in preparation, TR 7250-2 aims to fundamentally change the way anthropometric data are incorporated into product standards.

For many years, the technical committees charged with writing various standards – whether for earth-moving machinery, digital human models, or escape hatches for small boats – had to research the anthropometric data needed for those standards. Often, these experts in bulldozers, digital models, or boat design did not have access to the most current anthropometric data from their respective countries or from other ISO member countries. As a result, anthropometric data tables in these standards have been inconsistent at best and woefully out of date at worst. With TR 7250-2, available anthropometric data from a variety of countries are presented in a single resource. And the document’s technical report status, as opposed to a more formal ISO

standard, means that it can be easily updated as new anthropometric data become available.

This technical report was prepared by Technical Committee 159, Ergonomics, Subcommittee 3, Anthropometry and Biomechanics, which has experts in anthropometry from around the world (including two from the United States). This means that the data submitted for this document are vetted and checked for reasonableness prior to inclusion in the report, giving users some assurance of the quality of the summarized data.

Product standards such as those for bulldozers or boats can’t make use of the data in TR 7250-2 directly, however. Although it is important to have access to up-to-date information, product standards themselves are generated and reviewed relatively slowly. As a practical matter, all those standards can’t change every time a new data set is available. Furthermore, TR 7250-2 represents the individual member countries separately; there is no synthesis of data across countries. That’s where TR 7250-3 comes in. This standard is reviewed on the same schedule as are product standards, so it will be stable for periods of at least 5 years. And in its development, the experts have taken the most current information in TR 7250-2 and synthesized it to determine, among all the countries, the lowest 5th percentile value, the highest 95th percentile, and so on. This means the users of product standards can be certain that their designs will accommodate the desired proportion of the user population when they are designing for a worldwide market. Informative annexes contain information specific to Asia and Europe, so that designers of products to be marketed in those regions can use regionally appropriate dimensional criteria.

To obtain published ISO documents, or to check on the status of documents in process, visit www.iso.org. For more information on HFES’s role in representing the United States in developing ergonomics standards, contact me at bruce@anthrotech.net.

HUMAN FACTORS

Call for Papers: Special Issue on Human Factors and Automation in Vehicles

By Natasha Merat & John D. Lee, Special Issue Editors

Original research papers describing recent empirical work in the area of highly automated driving are sought for a special issue of *Human Factors*. Although this will be the core focus of the special issue, a limited number of manuscripts describing driver behavior related to individual warning and assistance systems may also be considered. Likewise, although the core of the special issue will be papers describing research conducted within cars and trucks, papers creating an appropriate link between road surface vehicles and what is an already well-understood topic in aviation and the railways will also be considered.

Example topics include, but are not limited to:

- An understanding of the effect of highly automated vehicles on various aspects of driver behavior including situation awareness, trust, acceptance, usability, comfort, loss of skill, locus of control, workload, behavioral adaptation, and risk compensation
- Design and implementation of appropriate Human Machine Interfaces for such highly automated vehicles
- Design solutions and implementation of such automated systems in vehicles
- Measuring driver response to scenarios in a highly automated vehicle
- The effect of such systems on driver distraction
- An understanding of driver behavior during transitions between manual and highly automated driving

The deadline for submission of manuscripts is **November 1, 2010**. Submitted articles should follow the general guidelines provided by *Human Factors* in the [Instructions for Authors](#). All manuscripts will undergo a rigorous peer review process, managed by the editors of this special issue. For more details, [click here](#).

Get Ready for NEM 2010!

By Raegan M. Hoeft, NEM Committee Chair



October is National Ergonomics Month (NEM), a time for promoting human factors/ergonomics to the general public through outreach and commu-

nity service. The NEM Committee invites all HFES members, local chapters, and student chapters to create a plan of action that actively promotes NEM in your communities.

No idea is too great or too small! Speak about HF/E at your local schools. Write an article for your company or school newsletter or your community newspaper. Use the Internet – via social-networking sites, photo sites, and video sites – to upload and discuss HF/E-related materials. The possibilities are endless! For more great ideas, visit [the NEM Web site](#).

Now you can also follow [NEM on Facebook](#). Once again we will be hosting the NEM Best Action Plan Contest. To participate in the 2010 contest, please include the following information in a Microsoft Word file and send it as an attachment to raegan.m.hoeft@lmco.com. The submission deadline is **August 15**.

- Proposer's name(s), address, e-mail address, and daytime phone number.
- Whether the entry is on behalf of an official local or student chapter. If so, please specify the chapter's name.
- Names of other professionals and/or students participating in organizing or implementing your action plan.
- Title of your action plan.
- Brief description of your action plan. What activities are planned?
- Timeline for your action plan. When will you be implementing it?
- Goal(s) of your action plan. What do you seek to accomplish?
- What audience(s) are you targeting (e.g., general community, students, corporations, government)?

You can view a list of past awardees and get ideas on the ["Contests" page](#) of the NEM Web site. Awards will be presented to the best individual, local chapter, and student chapter action plans at the HFES 54th Annual Meeting in San Francisco. Entries are also invited for the 2010 NEM Best Action Plan Implementation Contest. [Contact me](#) for submission instructions.

This year, we would like to post your upcoming events on the NEM Web site so they can inspire others. To have your event listed, please [send me](#) your information. Let's make NEM 2010 a month to remember!

First Ergonomics Design Award Presented

An innovative welding helmet won the first Ergonomics Design Award, presented in April at the Institute of Ergonomics & Human Factors (IEHF; formerly the Ergonomics Society) Annual Conference at Keele University. The 3M™ Speedglas 9100 helmet originates from a 3M subsidiary in Sweden, where its unique features were developed over a 20-year period. The network that developed the helmet included the design consultancy Ergonomidesign and ergonomics research groups at Linköping University and the Royal Institute of Technology. The development process in Sweden involved significant consultation with customer companies and their welders.

A wide variety of entries were considered for the 2009 competition. Other products that made the short list included an eco-friendly photocopier and a hypodermic syringe for self-medication.

The closing date for the 2010 IEHF competition is **November 30**. Entries should be creative and innovative, provide evidence of customer satisfaction, and demonstrate a systematic application of ergonomics principles. For additional information, please contact Competition Chair John Wood via e-mail at john.wood@ccd.org.uk.

Fellowship Program Soliciting Applications

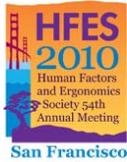
The National Space Biomedical Research Institute (NSBRI) is soliciting applications for its postdoctoral fellowship program. Two-year fellowships are available in any U.S. laboratory carrying out space-related biomedical or biotechnological research that supports the NSBRI's goals. NSBRI research addresses and seeks solutions to the various health concerns associated with long-duration human space exploration.

Applicants must submit proposals with the support of a mentor and institution, and all proposals will be evaluated by a peer-review panel. The program is open to U.S. citizens, permanent residents, and persons with pre-existing visas obtained through their sponsoring institutions that permit postdoctoral training for the project's duration.

Detailed program and application submission information is available on the [NSBRI Web site](#). Notices of intent and applications must be submitted through the NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES). Notices of intent are due **July 23, 2010**, and the application deadline is **August 18, 2010**.

Questions may be directed to David A. Watson, NSBRI Postdoctoral Fellowship Program, at postdoc@www.nsbri.org or 713/798-7412.

Featured Events



Human Factors and Ergonomics Society 54th Annual Meeting, September 27-October 1, 2010, Hyatt Regency San Francisco, Embarcadero Center, San Francisco, CA.

Human Factors and Ergonomics Society Europe Chapter Annual Conference, October 13-15, 2010, Technische Universität Berlin, Berlin, Germany.

Other Meetings

August 2010

APCHI & Ergofuture 2010 - Joint International Conference of Asia Pacific Computer Human Interaction and Ergofuture, August 3-5, Sanur Paradise Plaza Hotel and Suites, Denpasar Bali, Indonesia. Contact ergofuture2010@yahoo.com.

ICCM 2010 - 10th International Conference on Cognitive Modeling, August 5-8, Drexel University, Philadelphia, PA.

ECCE 2010 - European Conference on Cognitive Ergonomics, August 25-27, Delft University of Technology, Delft, The Netherlands.

September 2010

2010 Occupational Ergonomics Symposium and Workshop, HFES Puget Sound Chapter, September 15-16, Museum of Flight, Seattle, WA.

October 2010

BIO.22 - 22nd Biennial of Industrial Design, October 7-November 7, Architecture Museum of Ljubljana, Ljubljana, Slovenia. Contact the BIO Secretariat at bio@aml.si.

1st European FEES Conference on Ergonomics, Federation of European Ergonomics Societies, October 10-12, Oud Sint-Jan Art and Congress Conference Centre, Bruges, Belgium.

24th ARRB Conference 2010, October 12-15, Sebel Hotel Albert Park, Melbourne, Australia.

ICOCO 2010 - International Control Room Design Conference, October 25-26, Eurosites Republique, Paris, France.

Sixth Triennial International Aircraft Fire and Cabin Safety Research Conference, October 25-28, Tropicana Casino Resort Brighton and the Boardwalk, Atlantic City, NJ.

November 2010

D-CIS Lab Human Factors Event, November 1-3, D-CIS Lab, Delft, The Netherlands.

PPCOE 2010 - 9th Pan-Pacific Conference on Ergonomics, November 7-10, Ambassador Hotel, Kaohsiung City, Taiwan.

48th Annual SAFE Symposium, November 8-10, Town & Country Resort and Convention Center, San Diego, CA.

International Conference on Commercial Driver Health and Wellness, Transportation Research Board, November 8-10, Baltimore, MD.

AutomotiveUI 2010 - 2nd International Conference on Automotive User Interfaces and Interactive Vehicular Applications, November 11-12, Pittsburgh, PA.

December 2010

SEANES 2010 - 1st Southeast Asia Network of Ergonomics Societies Conference, December 14-17, Cebu City, Philippines.

February 2011

IEEE CogSIMA 2011 - 2011 IEEE Conference on Cognitive Methods in Situation Awareness and Decision Support, February 22-24, Miami Beach Resort, Miami Beach, FL.

April 2011

ODAM 2011 - 10th International Symposium on Human Factors in Organisational Design and Management, April 18-20, Rhodes University, Grahamstown, South Africa. Contact Conference Chair Matthias Goebel m.goebel@ru.ac.za.

July 2011

HCI International 2011 - 14th International Conference on Human-Computer Interaction, July 9-14, Hilton Orlando Bonnet Creek, Orlando, FL.

Bulletin



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