

REGISTRATION INFORMATION

HFES 2007



Human Factors and Ergonomics Society 51st Annual Meeting

October 1–5, 2007

**Baltimore Waterfront Marriott Hotel
Baltimore, Maryland, USA**

Welcome

The Potomac Chapter and the George Mason University Student Chapter welcome you to Baltimore 2007 for the concluding event of the HFES 50th Anniversary! Last year's meeting focused on the history of HFES; this year we look to the future of human factors/ergonomics (HF/E). As the development and use of technology skyrockets, our skills are more relevant than ever. That is why this meeting will not only continue the tradition of sharing our research, connecting with other professionals, and providing learning opportunities for our members; more important, it will continue to define our role in the future world of technology.

We are excited to be hosting the Annual Meeting at the Baltimore Waterfront Marriott, just steps from the museums, shops, restaurants, and nightlife of Baltimore's Inner Harbor and Fells Point. The Technical Program Committee has produced a comprehensive program of workshops, lectures, panels, poster

sessions, and symposia covering all the Society's technical groups. Our technical tours committee has lined up a fantastic and diverse set of excursions that will provide you the opportunity to view state-of-the-art facilities, meet cutting-edge researchers, and network with other HF/E professionals.

We hope you will also take advantage of our fun social tours. We've scheduled day and night trips to Washington, D.C., on Sunday before the meeting begins. And don't miss "Elegance on the Water," a relaxing cruise past the beautiful skyline on Thursday. You can also plan your own social agenda with help from our local entertainment guide. Whatever you choose, we're confident you'll enjoy your stay.

Baltimore 2007 will be the perfect conclusion to the 50th Anniversary celebration that began last year in San Francisco. On behalf of the Host Committee and HFES, we look forward to seeing you in October!

— *Deborah A. Boehm-Davis, David Cades, Ewart de Visser, Michael Eidelkind, and Christopher A. Monk
Chairs, 51st Annual Meeting Host Committee*

Meeting Highlights

The HFES 51st Annual Meeting marks the conclusion of a year-long celebration of the Society's 50th Anniversary. This year we will celebrate the Society's founding in 1957 and look to the future of both the Society and the discipline.

On Monday, we will offer 14 hands-on workshops on a range of topics. The Plenary Session on Tuesday morning will feature the keynote and presidential addresses, the announcement of newly elected HFES Fellows, and the presentation of this year's Society awards. From Tuesday through Friday, more than 80 technical sessions will address a diverse array of human factors/ergonomics topics. The Preliminary Program, containing details about sessions, topics, and speakers, can be found on the HFES Web site, <http://hfes.org>.

The Gala Opening Reception will be held on Monday evening at the hotel. Your registration fee includes admission to the reception for you and a guest. Register by **August 27** to take advantage of early-bird discounts. Online registration is available via the HFES Web site, or simply complete and return the form provided in this booklet.

The On-Site Career Center will be available for employers and HFES member job seekers on Monday, October 1, from 1:00 p.m. to 6:00 p.m., Tuesday and Wednesday from 8:30 a.m. to 6:00 p.m., and Thursday from 8:30 a.m. to 5:00 p.m. See page 15 for details about meetings between potential employers and candidates during the conference.

**Hosted by the
George Mason University
Student Chapter
and the
HFES Potomac Chapter**

2007 Host Committee

Cochairs

**Deborah A. Boehm-Davis
David M. Cades
Ewart de Visser
Michael Eidelkind
Christopher A. Monk**

Technical Tours

**Lisa Follette
Dick Horst
Tyson Rose**

Hospitality & Social Events

**David Kidd
Yi-Fang Tsai**

Student Affairs

**Jennifer Moore
Peter Squire**

Newsletter

Kevin Durkee

Public Relations & Marketing

Reshma Kumar

Keynote Speaker Search

**Dawn Gray
Derek Schultz
Carl Smith**

Exhibit Hall Support

Zack Koutsandreas

50th Anniversary Theme

**Jane Barrow
David Kidd
Peter Squire**

Volunteers Coordinator

Nathan Lau



Special Programs

In addition to tours, workshops, and technical sessions, the following special programs are open to all attendees.

3rd International Conference on Augmented Cognition

The Augmented Cognition International (ACI) Society will hold its third annual meeting on October 1–3 in conjunction with the HFES 51st Annual Meeting. All registered attendees are welcome to attend ACI sessions at no additional charge. ACI 2007 program information will be available in the coming months at <http://www.augmentedcognition.org/events.htm>.

On Monday, October 1, from 8:00 a.m. to 6:00 p.m., ACI will host four paper sessions. On Tuesday, October 2, from 1:30 to 3:00 p.m., and Wednesday, October 3, from 10:30 a.m. to 12:00 p.m., ACI posters will be displayed during the regular HFES poster sessions. From 3:30 to 5:00 p.m., a special session of “The Best of ACI 2007” will feature presentations by the authors of the best ACI 2007 paper submissions.

Tuesday’s sessions will be followed by the ACI awards banquet from 6:30 to 9:00 p.m. 51st Annual Meeting attendees who wish to attend may select the “ACI Banquet” event on the registration form. The cost is \$65 per person, and attendance is limited. To reserve seats at the banquet, complete the appropriate section of the 51st Annual Meeting registration form (see pages 11–12).

Human Performance in Extreme Environments

HPEE will hold its Fifth Annual Meeting from September 30 to October 1 in conjunction with the HFES 51st Annual Meeting. The HPEE meeting will feature presentations on topics such as spaceflight, military operations, underwater and high-altitude activities, extreme sports, and other environments in which humans are not naturally suited to endure. Meeting proceedings will be available.

Register online at <http://www.hpee.org>. HFES members are entitled to a discounted rate.

National Ergonomics Month Session

October is National Ergonomics Month! All HFES meeting attendees and their guests are invited to a special 90-minute NEM session, to be held on Monday, October 1, from 4:45 to 6:15 p.m., immediately preceding the Gala Opening Reception. HFES leaders will share their vision for NEM 2007. The session will also showcase outstanding NEM projects involving schools, community service, and the media. NEM Committee Chair Haydee Cuevas will be on hand with special NEM stickers, bookmarks, and premiums that you can distribute during community events and school visits to promote NEM 2007. The session will also feature several entertaining and informative interactive demonstrations illustrating human factors/ergonomics principles. Come ready to participate, have fun, and win prizes!

Student Events and Activities

Student Career and Professional Development Day

The first item on students’ itinerary should be this year’s Student Career and Professional Development Day – a must-do activity for students preparing to enter the workforce. On Monday, October 1, there will be three sessions.

Recent data show that many students are not aware of, or don’t know how to obtain, the various student resources that HFES offers. The chair of the Student Affairs Committee will enumerate these valuable resources to help students make the best use of their HFES membership in the development and advancement of their careers.

In the second session, a group of dynamic recent students-turned-professionals (about one year removed from the graduate or undergraduate program) will present information on transitioning from school to work, the kinds of challenges received in the workforce, what they would do differently in hindsight, and how they were able to leverage their academic background once out of school.

In the afternoon session, Old Dominion University will host a panel of industry experts in various selected domains. This practitioner panel will be directed at preparing students for a career in industry. Students will be informed about each of the respective domains represented by the panel, including emerging trends and employment opportunities. The panelists will provide information on how to specifically prepare for a career in each of their respective domains and will provide helpful tips for making the transition from graduate school to industry.

Student Reception

The annual Student Reception will be held on Tuesday, October 2, from 5:00 to 6:00 p.m. (location to be announced in the final program). A cash bar and light snacks will be provided, and the winners of the Student Member with Honors and Outstanding Student Chapter Awards will be announced.

Student Lounge

All students are welcome to visit the Student Lounge to relax, meet other students, discuss research ideas, and use the bulletin boards. Students can post and read messages with details about student social activities, directions for where to meet for dinner, or making carpool arrangements. In the lounge, students can also participate in mentoring activities and view student chapter information. The location and hours will be provided in the program booklet at the annual meeting.

Student Volunteers

Students with confirmed volunteer assignments will receive details about their duties before the meeting and will be directed to check in at the Volunteers Room (to be announced) 30 minutes before their assigned time.



Accommodations and Transportation

Accommodations

We have negotiated special discounted hotel rates at the Baltimore Waterfront Marriott Hotel, located at 700 Aliceanna Street, Baltimore, MD 21202, 800/228-9290 or 410/385-3000, fax 410/895-1900. Amenities include a fully equipped health club, spa, indoor pool, and concierge service. To reserve a room online at the special HFES group rate, go to <http://cwp.marriott.com/bwiwf/hfeswebsite/>. If you book by phone, be sure to say you are attending the HFES 51st Annual Meeting. Group rates apply three days before and three days after the Annual Meeting dates. Book early to ensure you obtain the special HFES rate for all the nights you wish to reserve. The discounted rates expire on September 10.

Your patronage of the Baltimore Waterfront Marriott Hotel makes it possible for HFES to meet its obligation to the hotel, avoid penalties, and keep registration prices down. Staying at the headquarters hotel is good for you and critical for the Society.

Discounted rooms for students are available at the Brookshire Suites. Reserve by calling 866/583-4162. Rooms are limited, and reservations should be made no later than September 10. Be sure to mention the HFES Annual Meeting to receive the discounted rate.

Student Volunteers Cochair Anand Tharanathan has set up a student roommate-matching service. If you need to find a roommate, send Anand an e-mail (anand.tharanathan@ttu.edu) and include the following information in your message: name; gender; university you are attending; phone number, and 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); smoking or nonsmoking; and maximum number of students per room. After Anand receives these details, he will send the required information to the interested students.

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

Transportation

Most major airlines serve the Baltimore/Washington International Airport (BWI), which is approximately 10 miles from downtown Baltimore. The airport supports low-fare carriers such as Southwest, Airtran, and Frontier. BWI is a Southwest hub. Travel time to the hotel is approximately 15 minutes depending on traffic.

Ground Transportation

Super Shuttle operates door-to-door van services from all terminals at BWI. For reservations, call 800/258-3826 at least 24 hours in advance of your arrival date. Super Shuttle ticket counters are on the lower level. Fares average \$12 per person. For airport returns, Super Shuttle vans depart each day on a frequent and regular schedule from the hotel entrance. The hotel's concierge can make your return reservations. Advance return tickets are not required unless you are departing after 4:00 p.m.

Taxi service is available to and from BWI. Approximate fare is \$28 (not including tips).

HFES members are entitled to discounted car rentals from Hertz (800/654-2210 in the U.S. and 800/263-0600 outside the U.S. or <http://www.hertz.com>, discount code CDP #1017806) and Alamo (800/354-2322 or <http://www.alamo.com>, discount code 558386, rate code BY, coupon code DH5B). Rental car counters are located in the centralized BWI Airport Car Rental Center. Shuttle buses to the Rental Center depart from the upper-level curb every five minutes. Hotel parking is \$42 per night.

Traveling from Outside the United States

If you are traveling to the meeting to present a paper and you do not come from a country that participates in the Visa Waiver Program (VWEP), you may need a visa. Please visit the National Academies' International Visitors Office Web site to view a list of VWEP countries and to determine if this is necessary: http://www7.nationalacademies.org/visas/Traveling_to_US.html. It is recommended that visa applicants apply at least three months in advance of travel.

Registration Details

Annual Meeting Registration

Register online! You may register via the HFES Web site with a credit card. Go to <http://hfes.org> and follow the link to the online registration form. Online registration will be available through September 21. **NOTE:** You must provide an 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 include admission to technical sessions (workshops have an additional fee) and the Opening Reception.

HFES members: To receive the member rate on registration, you must enter your five-digit membership ID number. This number can be found on mailing labels affixed to the *HFES Bulletin* and *Ergonomics in Design*, or call Member Services (310/394-1811) for your login ID or member number. See the next page for details about renewing your membership.

Nonmembers: If you wish to join HFES to receive the member registration rate, please do so before you register for the Annual Meeting. Go to <http://hfes.org> and click "Membership" and then "How to Join" for details. After you submit your online membership application form, HFES will e-mail you your new membership ID number, which you will need in order to register at the member rate. Member registrations are available only to 2007 members in good standing.

Proceedings: Both one-day and full-week registrants will receive the proceedings CD-ROM. CD-ROMs are not included with workshop-only registration. The proceedings will not be available in paper form, but attendees will have access to workstations for viewing and printing papers from the CD-ROM.

Students: Students must validate their registration by presenting a current ID when checking in at the meeting registration desk.

Guests: There is no charge for guests of attendees, but guests may not attend sessions unless they pay the registration fee.

Workshops-only registration: If you plan to attend **only** a Monday workshop, you need not pay the one-day meeting registration fee (see pages 7–10 for separate workshop fees).

Save up to \$50 by registering by **August 27** (not applicable for student or workshop-only registrations). You may pay by check, money



order, or credit card. Register online or mail your annual meeting Registration Form, along with a check (U.S.\$ drawn on a U.S. bank), money order, or credit card information, to the address indicated on the form. **DO NOT SEND CASH.** Fax registrations are accepted with credit card payment; fax the form to 714/957-9112.

HFES Membership Dues Payment

2007 Dues: To be eligible for the member registration fee, your 2007 dues must be paid, and you must provide your five-digit membership ID number on the online or printed Registration Form. If you have not yet paid your 2007 dues, please log in at <http://hfes.org> and select the option "Renew my dues for 2007." With online renewal, you may pay via a secure credit card transaction or by check; however, if you pay by check, your payment must be received and processed before you can register for the Annual Meeting as a member. You may also renew your 2007 dues by calling HFES at 310/394-1811.

2008 Dues: You may prepay your 2008 dues when you register for the meeting by completing and returning the 2008 Dues Renewal Form in this packet. Include your dues payment on line 2 of the Registration Form and send your Dues Renewal Form to the address on the Registration Form. Again, your 2007 dues must be paid to take advantage of the member discount on Annual Meeting registration. 2008 dues may also be paid online at the HFES Web site or by calling HFES at 310/394-1811.

NOTE: If you did not pay 2006 dues, please contact HFES directly (membership@hfes.org, 310/394-1811) to reinstate your membership.

Nonmembers: Join HFES!

Want to save up to \$140 on the registration fee for the 51st Annual Meeting? Then become a member now! You may join the Society as an Affiliate member for 2007. Your membership includes subscriptions to *Human Factors*, *Ergonomics in Design*, the *HFES Bulletin*, and the *Directory and Yearbook*, and you're entitled to discounts on other HFES publications and services. Note that 2008 dues renewal statements will be mailed shortly after the meeting and are due by January 31, 2008. (Membership is from January 1 through December 31.) You may also pay your 2008 dues now, but you will not qualify for the member registration discount unless 2007 dues are also paid.

To join, go to <http://hfes.org> and click "Membership" and then "How to Join." When you complete the online membership application, you may pay by credit card or check. After you receive your membership ID number, log in at <http://www.SignUp4.net/Public/ap.aspx?EID=HFES11E> and complete the online Registration Form to pay by credit card, or use the Registration Form in this packet to pay by check.

Affiliate members may apply to upgrade their membership at any time by completing the appropriate sections of the Application for Membership, available at the meeting, by mail, or at <http://hfes.org>.

Tickets

For those special events not sold out in advance, you may purchase tickets during the meeting at the HFES Registration Desk during the following hours: Sunday, 2:00 to 5:00 p.m.; Monday–Wednesday, 8:00 a.m. to 5:00 p.m.; and Thursday, 8:00 a.m. to 3:00 noon. **No waiting lists will be established;** tickets will be sold on a first-come, first served basis.

Refunds and Cancellations

Refunds for workshops, social events, or professional tours that are sold out or canceled will be provided within four weeks after the meeting. No cash refunds will be made on site.

Persons who have preregistered but are unable to attend the Annual Meeting may obtain a refund of fees paid, less a \$75 processing fee, **ONLY if their cancellation request is received in writing by 5:00 p.m. Pacific time on September 10.** Requests should be sent to the address indicated on the Registration Form, or by fax to 714/957-9112. **Refunds will not be granted for any cancellation requests received after September 10, 2007. In addition to the annual meeting registration fee, this applies to fees for workshops, social events, and technical tours.**

Social Events

Sign up for Special Events on the Registration Form using the code found at the beginning of each event (e.g., #S1). Events are reserved on a first-come, first-served basis on receipt of fully paid registrations. Buses begin loading 15 minutes prior to the departure times given below for off-site events.

#S1 ■ Washington by Day

Sunday, September 30, 9:00 a.m. to 3:00 p.m., \$38 (lunch on your own)

Board an air-conditioned bus for the 45-minute ride to Washington, D.C. Revel in the many sites that make Washington such a beautiful city, including the White House, the U.S. Capitol, and the Washington Monument. The tour will include stops at the Lincoln, Vietnam, and World War II Memorials, as well as a drive-by tour of other monuments. We'll stop at the beautifully restored Union Station for lunch (on your own). Following lunch, we'll ride around Arlington National Cemetery with stops at the John F. Kennedy grave site and the Tomb of the Unknown Soldier. On the return trip to Baltimore, we will pass the famous Iwo Jima Memorial.

#S2 ■ Washington by Night

Sunday, September 30, 5:30 to 10:30 p.m., \$68 (includes dinner)

Few cities in America rival the beauty of Washington, D.C., at night. Some of the great monuments are spectacularly lit for nighttime viewing. The first stop after the 45-minute trip to the city is Union Station and dinner at the America Restaurant. Following dinner, the bus will take you to all the beautiful monuments, including stops at the Lincoln and World War II Memorials. Other monuments you will see include the Iwo Jima Memorial, the Jefferson Memorial, Washington Monument, and the U.S. Capitol.

#S3 ■ Gala Opening Reception

**Monday, October 1, 6:30 to 9:00 p.m.
Free to registrants and guests**

Join friends and colleagues at the Baltimore Waterfront Marriott for this festive kickoff reception. See old friends and meet new ones while you enjoy beverages and delicious food.