



Intercontinental Hotel, Miami, Florida USA

www.ICHMIAMI.com



The lobby of the Intercontinental Hotel

www.AHFE2010.org



Miami Beach



Palm Trees



Ocean Drive, Miami

Photo credit: Greater Miami Convention & Visitors Bureau

General Information

Proceedings. All parallel presentations will be published on a CD-ROM with an ISBN designation.

Student volunteers. The success of the conference depends upon the diligent work of the student volunteers. If you would like to help at the conference in return for waiver of the registration fee, please contact: Tareq Ahram, Student Volunteer Chair, volunteer@ahfe2010.org

Exhibition

Exhibits provide state-of-the-art ergonomics products, systems and services for the users, professionals, and researchers in the AHFE field. Organizations interested in exhibiting or advertising in the Advance Program and/or Final Program should contact the Conference Communication and Exhibition Chair: Abbas Moallem, exhibits@ahfe2010.org

Exhibitors who have committed to exhibit by 15 November 2009 will be listed in the Advance Program, Final Program, and the Conference Proceedings, which will be distributed worldwide.

2010 AHFE International

3rd International Conference on Applied Human Factors and Ergonomics

17-20 July 2010 • Intercontinental, Miami, Florida USA

AHFE International 2010, Conference Administrator P.O. Box 99712 Louisville, KY 40269, USA



2010 AHFE International

Call for Participation

3rd International Conference on Applied Human Factors and Ergonomics (AHFE)

jointly with
1st International Conference on Human Factors and Ergonomics in Healthcare
1st International Conference on Cross-Cultural Decision Making
1st International Conference on Neuroergonomics
1st International Conference on Applied Digital Human Modeling and
13th International Conference on Human Aspects of Advanced Manufacturing (HAAMAHA)

17-20 July 2010
Intercontinental • Miami, Florida USA

Under the auspices of 11 distinguished international Boards of 274 members from 44 countries

Objective and Areas of Interest

You are cordially invited to participate in the 3rd Applied Human Factors and Ergonomics (AHFE) International Conference 2010 and the affiliated 1st International Conference on Human Factors and Ergonomics in Health Care, 1st International Conference on Cross-Cultural Decision Making, 1st International Conference on Neuroergonomics, 1st International Conference on Applied Digital Human Modeling and the 13th International Conference on Human Aspects of Advanced Manufacturing, which are jointly held under one management and one registration. The conference objective is to provide an international forum for the dissemination and exchange of scientific information on theoretical, generic, and applied areas of ergonomics, including, physical ergonomics, cognitive ergonomics, social and organizational ergonomics, ergonomics modeling and usability evaluation, healthcare and special populations, safety and ergonomics in manufacturing. This will be accomplished through the following six modes of communication: keynote presentation, parallel sessions, demonstration and poster sessions, tutorials, exhibitions and meetings of special interest groups. The four-day conference will start with tutorials. The tutorials will be held on July 17, 2010. Tutorials will be offered (both half-day and full-day) at introductory, intermediate, and advanced levels covering the entire spectrum of the conference.

All submitted abstracts will be peer-reviewed by three independent referees from the international program boards. It is anticipated that a broad range of research and applied topics will be covered during the conference. Papers in the theoretical category should deal with models, concepts, and structures; papers in the generic category should present research results of broad applicability; and papers in the applied category should show how the demands of particular application areas shape the way generic research is translated into practical innovation.

Proposals for Participation

Parallel presentations. An abstract of about 500 words should be submitted through the web and should include a statement of the objective and significance of the proposed presentation, a description of methods, and a discussion of results. Please indicate to which Board your submission should be sent for review. In some cases when considering submissions for the parallel presentations, authors should consider whether their material may be more effectively presented in the poster/demonstration sessions. In order to provide a greater opportunity for more people to present at the Conference, each accepted paper should have a different conference registrant. However, co-authors may appear on multiple papers.

Tutorials. An abstract of 300 words should state the objective, content, target audience, a bio-sketch about the presenter(s) and A/V requirements. Indicate whether the proposed tutorial is for a half-day or full-day. Please submit abstract through the web.

Poster/demonstration sessions. This session has been especially designed to accommodate the presentation of late-breaking scientific and professional news, work in progress, work which can be more effectively presented via demonstration or when the author feels more comfortable presenting the material in written form or demonstrating it rather than by oral presentation. An abstract of 300 words should be submitted through the web and should include the essence of the planned presentation. Equipment needed for demonstration is the responsibility of the author. Inclusion of an extended poster abstract in the Conference Proceedings is conditional upon registration of at least one author, per poster, by 15 April, 2010.

COGNITIVE ERGONOMICS	PHYSICAL ERGONOMICS	ERGONOMICS IN MANUFACTURING	SPECIAL POPULATIONS	SYSTEMS SAFETY	ERGONOMICS MODELING AND USABILITY EVALUATION	SOCIAL AND ORGANIZATIONAL ERGONOMICS	NEUROERGONOMICS	CROSS-CULTURAL DECISION MAKING	DIGITAL HUMAN MODELING	HUMAN FACTORS AND ERGONOMICS IN HEALTHCARE
G. Bedny, USA O. Burov, Ukraine N. Cooke, USA X. Fang, USA T. Gao, PR China D. Gopher, Israel K. Itoh, Japan D. Kaber, USA J. Layer, USA J. Lewis, USA H. Liao, USA C. Ling, USA Y. Liu, USA T. Marek, Poland A. Ozok, USA O. Parlangeli, Italy R. Proctor, USA G. Song, USA N. Stanton, UK K. Vu, USA T. Waldmann, Ireland	S. Adaramola, Nigeria F. Aghazadeh, USA T. Armstrong, USA M. Boocock, N. Zealand E. Cadavid, Colombia J. Callaghan, Canada M. Chung, S. Korea P. Dempsey, USA R. Feyen, USA F. Flores, Ecuador R. Goonetilleke, Hong Kong V. Hermans, Belgium J. James, South Africa R. Jang, Taiwan, R.O.C. M. Menozzi, Switzerland E. Occhipinti, Italy A. Piette, Belgium Z. Roja, Latvia H. Strasser, Germany T. Waters, USA S. Yeung, Hong Kong	R. Badham, Australia P. Dawson, UK/Australia E. Fallon, Ireland E. Gorska, Poland A. Gramopadhye, USA W. Grudzewski, Poland I. Hejduk, Poland M. Helander, Singapore H. Iridiastadi, Indonesia W. Karwowski, USA G. Kaucsek, Hungary B. Kayis, Australia R. Koubek, USA R. Lifshitz, Israel H. Luczak, Germany A. Matias, Philippines A. Polak-Sopinska, Poland M. Soares, Brazil J. Stahre, Sweden S. Trzcielinski, Poland M. Wang, PR China	A. Cakir, Germany M. Dainoff, USA D. Feathers, USA W. Friesdorf, Germany A. Gursesusa, USA S. Hignett, UK J. Lewandowski, Poland V. Louhevaara, Finland J. Molenbroek, The Netherlands V. Rice, USA A. Sears, USA A. Simoes, Portugal C. Stephanidis, Greece	B. Das, Canada M. Grodzanovic, Serbia K. Kogi, Japan D. Koradecka, Poland Y. Kwon, S. Korea M. Lehto, USA G. M. Martinez de la Teja, Mexico S. Maly, Czech Republic P. Mondelo, Spain I. Noy, USA Y. Okada, Japan H. Pacaiova, Slovak Republic D. Podgorski, Poland K. Saarela, Finland D. Shinar, Israel J. Sinay, Slovakia T. Van Der Schaaf, The Netherlands M. S. Wogalter, USA B. Zimolong, Germany	J. Adams, USA B. Amaba, USA H. Bubbs, Germany G. Cho, S. Korea Y. Choong, USA A. Hedge, USA W. Hwang, S. Korea J. Jarvinen, USA Y. Ji, S. Korea H. Khalid, Malaysia S. Landry, USA Z. Li, PR China A. Moallem, USA K. Ogawa, Japan T. Park, Singapore F. Rebelo, Portugal R. Seva, Philippines E. Tang, Taiwan, R.O.C. T. Winkler, Poland W. Zhang, PR China	J. Charytonowicz, Poland O. Chebykin, Ukraine J. Dul, The Netherlands P. Hasle, Denmark D. Horn, USA S. Hwang, Taiwan, R.O.C. C. Jonsson, Sweden J. Kantola, Korea B. Karsh, USA B. Kleiner, USA F. Moro, Canada L. Pacholski, Poland M. Robertson, USA S. Saito, Japan M. Smith, USA P. Sveinsdóttir, Iceland N. Swanson, USA H. Vanharanta, Finland Z. Wisniewski, Poland P. Vink, The Netherlands R. Yu, PR China	H. Adeli, USA G. A. Calvert, UK K. Cosenzo, USA G. Deco, Spain J. M. Ellenbogen, USA M. Fafrowicz, Poland S. Grafton, USA P. Hancock, USA W. Karwowski, USA S.-Y. Lee, Korea V. Lee, Australia Y. Liu, USA S. Makeig, USA J. Murray, USA P. Neskovic, USA D. Nicholson, USA R. Parasuraman, USA M. Pauen, Germany A. Santamaria, USA D. Schmorrows, USA K. Stanney, USA J. Warm, USA A. Wrobel, Poland	A. Abbe, USA T. Allard, USA S. Bagnara, Italy K. Boff, USA S. Burke, USA A. Chan, Hong Kong R. Chaturvedi, USA C. Clegg, UK H. Downs, USA E. Eldridge, USA I. Estabrooke, USA J. Fowler, USA J. George, USA M. Hail, USA D. Kawamoto, USA M. Kenney, USA M. Kruger, USA J. Lincoln, USA N. Marmaras, Greece D. Nicholson, USA S. Numrich, USA P. Rau, USA M. Rauterberg, The Netherlands E. Salas, USA D. Scapin, France D. Schmorrows, USA H. Schulze, Germany L. Smith-Lovin, USA R. Stripling, USA R. Swisher, USA S. Zotti, USA	K. Abdel-Malek, USA T. Ahrum, USA T. Alexander, Germany G. Andreoni, Italy K. Bengler, Germany R. Bhatt, USA B. Boggess, USA H. Bubbs, Germany J. Charland, Canada Z. Cheng, USA B. Corner, USA M. Darby, USA C. Du, USA R. Dufour, USA L. Fu, PR China N. Fürstenu, Germany R. Goonetilleke, Hong Kong R. Green, USA J. Grobelny, Poland B. Gore, USA D. Högberg, Sweden H. Hsiao, USA T. Inagaki, Japan J. D. Lee, USA K. Li, USA Z. Li, PR China R. Lind, USA R. Marshall, UK C. Moebus, Germany A. Oudenhuijzen, The Netherlands U. Raschke, USA M. Reed, USA K. Robinette, USA M. Thomas, USA L. Wang, PR China X. Wang, France J. Yang, USA X. Yuan, PR China W. Zhang, PR China	S. Abel, USA M. Bogner, USA G. Bradley, Sweden D. Büchel, Germany B. Caldwell, USA F. Calisir, Turkey J. Crosson, USA A. Elfering, Switzerland T. Fairbanks, USA E. Fallon, Ireland L. Frey-Law, USA W. Friesdorf, Germany C. Garg, USA A. Gramopadhye, USA J. Jacko, USA S. Han, South Korea R. Hannemann, USA S. Hignett, UK B. Hoeg, Germany Z. Li, PR China Y. Liu, USA G. Maggioni, USA J. McGlothlin, USA J. Novak, USA M. Ohkura, Japan C. C. K. Or, USA E. Patterson, USA H. Qian, USA D. Roos, USA W. Rouse, USA F. Sainfort, USA J. Saleem, USA M. Smith, USA Y. Soon, Singapore C. Su, Taiwan D. Wakefield, USA S. M. Witz, USA S. Wu, USA S. Yamamoto, Japan B. Yen, Hong Kong J. Yi, USA Y. Yih, USA G. Yucl, Turkey Y. Zhu, USA

Conference Books

All selected papers will be included as chapters in a series of 8 books to be published by Taylor and Francis. Each book will cover a specific subject area and will have an editor (editors). In addition, each of the 8 books will have a distinct title and will be marketed by Taylor and Francis Ltd. worldwide.

Summary of Submission Requirements & Deadlines

	Abstract Length	Deadline for Abstract Receipt	Notification of Review Outcome	Deadline for Receipt of Accepted Papers
Paper presentations	500 words	1 Dec 2009	20 Dec 2009	1 March 2010
Posters/demonstrations	300 words	15 Apr 2010	*	not applicable
Special interest groups	500 words	1 Dec 2009	31 Dec 2009	1 March 2010
Tutorials	300 words	1 Dec 2009	20 Dec 2009	1 March 2010

Important note about Registration:

Individuals can appear as co-authors in several papers in AHFE International 2010 and the affiliated conferences, but can present only one paper. Inclusion of papers in the proceedings is conditional upon registration of at least one author per paper by 1 March 2010. Furthermore, inclusion of extended poster abstract in the Conference Proceedings is conditional upon registration of at least one author per poster by 15 April 2010.

All submissions should be done through the website: www.AHFE2010.org

All cancellations must be received in writing by the Conference Administration at: aeiadmin@insightbb.com. For written cancellations received on or before 14 March, 2010, 90% of the registration cost will be refunded (including conference registration, tutorial fees, and reception dinner). 50% of the registration cost will be refunded if a written cancellation is received between 15 March - 15 May, 2010. No refunds will be made for cancellations received after 15 May, 2010.

* Since frequently the intent of posters is to convey late-breaking scientific news and work in progress, they will be promptly peer reviewed as they are received.

Conference Organization

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