



ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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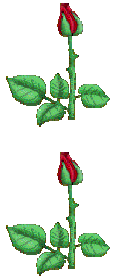
Forthcoming International events

- 41st NES - Globalized Ergonomics - Helsingør, Denmark, 22nd - 24th June 2009
- 19th International Symposium on Shiftwork and Working Time, 2-6 August 2009 - Venezia, Italy
- 17th Triennial Congress of the International Ergonomics Association, **IEA 2009**, Beijing, August 9 – 14, 2009

ISE is online at : <http://ise.org.in/>

Welcome New members!

ISE Newsletter welcomes the following new Life Members:



- L243 P Veena Chandra Bangalore
- L244 Prafullamukhi Prabhuvenkatesh Chennai
- L245 Sourav Sanchit Patnaik Paradip
- L246 Mitesh Maganbhai Marvaniya Rajkot
- L247 Subramaniam Krishnamurthy Navi Mumbai
- L248 Isaac Patturaja Chennai
- L249 Adrijit Basu Kolkata

IEA News

The IEA is inviting applications for the 2009 Liberty Mutual Medal

(Please note, the submission deadline is May 31, 2009)

Through this prestigious award, the IEA seeks to recognize outstanding original research leading to the reduction or mitigation of work-related injuries. The main criteria include significant advancement of theory and understanding, innovation and development of new directions or approaches. The award recipient will receive a prize of \$10,000.

Applicants need not belong to the IEA or any of its constituent groups. Relevant disciplines include ergonomics, epidemiology, biomechanics, cognitive and behavioural psychology, design, physiology, medical sciences, economics, engineering, etc.

Submission Requirements

To be considered for the Liberty Mutual Medal, the applicant must submit a letter of application and a research paper in the domain of accident prevention, injury reduction and/or early return to work, including rehabilitation. The paper must:

- be scholarly in nature such as an original paper describing laboratory, field, or intervention research (see Q&A for further elaboration)
- contain non-proprietary data
- be unpublished at the time of submission (but may have been submitted for publication)
- be thirty pages or less, single-spaced using point size 12 with 1 inch margins

The paper should address the following topics:

- contributions of the research to theory, i.e., how the work had advanced the understanding of the causes of accidents and/or ability to mitigate occupational injuries or disability
- aims of research
- originality and creativity
- study methodology
- implications for risk reduction

The covering letter should highlight:

- main innovative aspects of the study (e.g., approach, methodology, analysis, etc.)
- anticipated contribution to occupational safety

An international review committee, established by the IEA, will select the winning contribution. The authors of the winning paper are expected to submit the paper to one of the IEA-endorsed scientific journals (see list on the IEA website). Persons wishing to be considered for the 2009 prize should submit an application, including a separate covering letter and paper, both in electronic format, to the IEA Awards Committee Chair at the following address:

The deadline for receipt of applications is May 31, 2009. Applicants will be notified of the results by mid-July. Announcement of the award winner will be made public on August 31, 2009. For details, visit http://www.iea.cc/browse.php?contID=libertymutual_prize

Member activities

Papers Published

Abid Ali Khan's paper on upper limb musculo-skeletal disorders has been accepted for publication in Ergonomics.

A. A. Khan, L. W. O'Sullivan and T. J. Gallwey, Effects of combined wrist deviation and forearm rotation on discomfort score TERG-2007-0104, Ergonomics, In Press (2008) (available on <http://dx.doi.org/10.1080/00140130802376018>).

Ganesh D. Bhutkar's paper on social networking sites has been published in Journal of HCI Vistas.

Ganesh D. Bhutkar, Users on Social Networking Sites, Journal of HCI Vistas (International), Vol.V, Feb. 2009; Weblink: <http://www.hceye.org/UsabilityInsights/?p=103>

Papers invited for Human Factors Special Section

By Jamie C. Gorman, Nancy J. Cooke, & Eduardo Salas, Special Section Editors

Submissions are welcomed for an upcoming Human Factors special section on collaboration, coordination, and adaptation in complex socio-technical settings.

Socio-technical systems comprise human and machine entities that, when functioning as an integrated, coordinated unit, can address a wide range of problems that are too complex to be handled by individuals or machines working alone. The poor response to recent events – including hurricane Katrina and the failed emergency communications at Virginia Tech, as well as disastrous friendly fire incidents and medical errors associated with lack of coordination – have highlighted the need for improved collaboration, coordination, and adaptation in complex socio-technical systems. Although it may not always be possible to expect an anticipatory response in such situations, a well-coordinated, timely, and adaptive response is within reason.

Technological innovations have been proposed as solutions to collaboration failures such as occurred in the aforementioned disasters (e.g., satellite radios, reverse 911), but it is clear that technology alone will not improve collaboration, coordination, and adaptation of these systems. Catastrophic failure in socio-technical systems is often the result of failures in the social components of these systems.

Fortunately, human factors research is being conducted on sociotechnical architectures to address these issues. What are the theoretical, methodological, and empirical developments in this area that have implications for these very real and critical problems? What have we learned about the nature of coordination, collaboration, and adaptation in sociotechnical settings? What are the pressing gaps in this research area?

Theoretical, methodological, and empirical efforts that speak to improving collaboration, coordination, and adaptation in complex sociotechnical settings, particularly in cases of novel situations and unexpected events are invited. Of special interest is new and innovative work in emerging research areas, such as

- Adaptive and resilient systems
- Distributed teams
- Human-robot systems
- Modeling of coordinating and adaptive behavior
- Multicultural issues
- Neuroscience and collaboration issues
- Synthetic teammates
- Teams-of-teams
- Trust in collaboration and coordination

Because of the short timeline for publication (12 months), this special section is most appropriate for complete (or nearly complete) work.

Manuscripts can be submitted to the special section editors via Manuscript Central (<http://mc.manuscriptcentral.com/humanfactors> – be sure to include the term “Collaboration, coordination” in the appropriate section during your submission). Please direct inquiries about the suitability of work to Jamie Gorman (jgorman@cerici.org), Nancy Cooke (ncooke@asu.edu), or Eduardo Salas (esalas@ist.ucf.edu).

* Forthcoming conferences



NES 2009 - Globalized Ergonomics

Helsingør, Denmark, 22nd - 24th June 2009

The 41st Nordic Ergonomic Society Conference in Elsinore, Denmark will present the latest knowledge on organisational, psycho-social and physical work environment. The theme of the conference this year is Globalized Ergonomics, The Consequences of Globalization - on working life in the 21st century.

Globalization plays an ever greater role in the European work market, coursing outsourcing of production and migration of work force. Both have great consequences for the ergonomics and for the health and safety, in Europe and in third world countries.

The conference is to be held in Helsingør, Denmark, 22nd - 24th June 2009. This is the perfect opportunity to visit Denmark and be a part of the discussions of the latest issues in the area of safety and health at work with practitioners and researchers from all over the world!

Target group: Professionals and researchers. The conference language is English.

News: Deadline for full paper extended to June 1st. Read instructions [here](#).

Download the full conference programme [here](#). It offers 6 keynote speakers, 4 parallel sessions, and 17 oral presentation sessions covering a wide range of subjects within globalisation, occupational health and safety, ergonomics, work environment.



19th International Symposium on Shiftwork and Working Time

Health and Well-being in the 24-h Society

Venezia, Italy, 2-6 August 2009

New Deadlines have been posted on the website: <http://www.shiftwork2009.it>

Giovanni Costa

Symposium Chair

Ergonomics - Daniela Fano

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17th Triennial Congress of the International Ergonomics Association

IEA 2009

Beijing, August 9 – 14, 2009

The International Ergonomics Association (IEA) welcomes you to the 17th Triennial Congress hosted in Beijing, China, along with the Chinese Ergonomics Society, Ergonomics society of Taiwan and Hong Kong Ergonomics Society, China.

The theme of this Congress is "**Changes, Challenges and Opportunities**". This Congress will enable presentations by, and interaction with, the leading ergonomics researchers and practitioners from around the world. This theme reflects the current debates in the ergonomics domain. (<http://www.iea2009.org>)



December 17-19, 2009

University of Calcutta, Kolkata

ERGONOMICS FOR EVERYONE

<http://www.hwwe2009.org/>

The conference will be held in December 17-19, 2009 at University of Calcutta, Kolkata, India. A pre-conference workshop and a post conference workshop on Ergonomics Methodology will take place on 16th and 20th December 2009 respectively.

For details please contact:

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