



ISE Newsletter

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Editorial Board Members

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Mr. K. N. Sen and Mr. D. Ghosh Thakur

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Forthcoming International events

- International Conference on Slips, Trips and Falls 2007, August 23-24, 2007, Massachusetts, USA
- NES2007, October 1-3, 2007, Lysekil, Sweden
- AEDec2007 (Agriculture Ergonomics in Developing Countries), November 26-29, 2007, Kuala Lumpur, Malaysia
- IranErgo, May 7-8, 2008, Tehran, Iran

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

* Editorial

This issue we look at another ergonomics institute, this time at the Zakir Husain College of Engineering & Technology, Aligarh Muslim University. The ISE website has been renovated, with some interesting new features – members are encouraged to visit the site and check out the changes. The IranErgo conference has been postponed due to climatic, financial and time considerations.

* IEA News

New Technical Committees for the IEA

Three new Technical Committees were approved by the IEA Executive Committee at the May meeting:

- Affective Product Design – Martin Helander (Singapore) as Chair.
- Anthropometry – Johann Molenbroek (The Netherlands) as Chair
- Aerospace Human Factors and Ergonomics – Guy Boy (France) as Chair.

These IEA Technical Committees are open to any member of a Federated Society interested in professional development through international exchange and collaboration. Also, if you have suggestions for new Technical Committees, please contact Mahtun Khalid, the Chair of the Science Technology & Practice Committee, at: mahtun@damai-sciences.com.

Potential Technical Committee on Forensic Investigations

Mike Wogalter from the HFES in the USA is seeking interest at an international level to form an IEA Technical Committee on Forensic Ergonomics. This TC would enable interaction and professional development of Human Factors and Ergonomics professionals involved in providing expert witness testimony in courts under the various legal systems used across the world. Mike proposes that the Technical Committee would try to organize some sessions at the IEA 2009 Congress in Beijing. These would be open to the international community and persons interested in Forensic Investigations could get together and gauge interest. If you would like to express interest to Mike please email him at WogalterM@aol.com. Preferably use the term Forensic Investigations in the subject line, and include your full name somewhere in the email.

World Health Organization meeting

A joint WHO / IEA project under consideration includes an international project on the functional needs of face masks for use in pandemics such as SARS and Avian Influenza. This may also involve working collaboratively at an international level with other relevant professionals such as occupational hygienists. IEA is also working jointly with the WHO on the application of ergonomics in agriculture in developing countries.

* Institute Focus



Ergonomics Laboratory

Department of Mechanical Engineering,
Zakir Husain College of Engineering & Technology,
Aligarh Muslim University,
Aligarh-202002, U.P., India



The Laboratory was established about 40 years ago in the Department of Mechanical Engineering, Faculty of Engineering & Technology. Since that time, Ergonomics is a part of curriculum of the B.Tech. (Mechanical Engineering) programme and a core research area at M.Tech. (Industrial and Production Engineering) and Ph.D. level. The Ergonomics course and Laboratory was founded by Prof. J. A. Munir. After his retirement in 1980, this research

group was headed by Prof. Aliul Hasan Rizvi, a dedicated researcher in this area. Presently there is a group of eight persons involved in Ergonomics research activities, associated with Professor Timothy J. Gallwey of Ireland and others researchers of Indian and International Universities.



The present team includes

- Dr. Mohd Muzammil (Reader); Specialisation – HCI, Noise & Vibration, Illumination, Environmental Effects
- Dr. Abid Ali Khan (Lecturer); Specialisation – WMSDs, RSI, Noise & Vibration, Hot Environment
- Mr. Faisal Hasan (Lecturer). Specialisation – HCI, Noise

Every year, five to six students are awarded M.Tech. degree based on Thesis submitted in different areas of Ergonomics. Apart from these activities, the group has produced a few Ph.D.'s in Ergonomics, and has many research publications in International and National Journals and Conferences.



Consultancy projects executed include work on the Noise control of Pump House (Chambal Daal Nahar Khand, Mathura). Current Projects include UPSID and AICTE funded projects to develop mobile unit for measurement of Vibration induced stresses in Workers performing industrial tasks. Running projects are:

- Ergonomic design of hand tools
- Effects of Noise on human Performance in die casting industries
- Ergonomic studies pertaining to computer users
- Effects of vibration while driving two-wheelers
- Work place design for lock industries

Book Release

Ergonomic Interventions for Health & Productivity

This book, edited by our member, is ready for sale. The cost of the book is Rs. 895, but discount is available to ISE members on request. To place orders for your library or your department, you may contact one of the following:

Himanshu Publications, 4379/4-B Ansari Road, Daryaganj, New Delhi – 2
Phone 011-32551698, email: himanshupublications@gmail.com

The Arya Book Centre, Hospital Road, Udaipur
Phone 0294-2526160, email: aryabook@gmail.com



International Conference on Slips, Trips and Falls 2007

International Conference on Slips, Trips and Falls 2007: From Research to Practice, organized by the recently formed IEA Technical Committee on Slips, Trips and Falls, August 23-24, 2007, will be held at the Liberty Mutual Research Institute for Safety, Hopkinton, Massachusetts, USA

The goals of the conference are to provide a technical forum on slip, trip and fall accidents for the safety researchers and consultants around the world to present their latest findings and to exchange research ideas.

This conference will cover all aspects related to the problem from both the research perspective to practical experience such as biomechanics, slip resistance measurements, standardization, pedestrian fall prevention, flooring and stairway design and development, design of footwear, anti-skid devices, and housekeeping. Details on the conference can be found at <http://www.slipstripsfalls.org>



Nordic Ergonomics Society's annual conference, NES2007, October 1-3, 2007 in Lysekil, Sweden. The conference aims to be a stimulating forum for researchers, practitioners, product developers and students from all parts of the world. The main theme for the Conference is Ergonomics for a Future with special focus on Design for all senses.

The dead-line for abstract submissions (papers, posters, workshops and session proposals): March 15, Full paper dead-line (2-6 pages): May 15.

Detailed information could be found on the web-page: <http://www.nes2007.se/>



International Conference on Agriculture Ergonomics in Developing Countries

26-29 November 2007, Kuala Lumpur, Malaysia

International Conference on Agriculture Ergonomics in Developing Countries, AEDeC 2007 is aimed at promoting, sharing, and disseminating ergonomics knowledge to those in the agricultural sector, with the prime goal of leveraging the productivity, safety and competitiveness of this fast growing sector.

In conjunction with the conference, a special IEA/ILO Workshop on Agriculture Ergonomics Checkpoints will be held on 26-27 November.

Themes:

- Ergonomics in Agriculture
- Design Innovations towards Leveraging Productivity and Competitiveness
- Agricultural Safety and Health

Proposal Types:

- Oral Presentation
- Invited Symposium.
- Panel: Informal discussion on a topic.
- Tutorial

AEDeC 2007 is organized and hosted by Damai Sciences, in cooperation with Universiti Putra Malaysia, and supported by the Technical Committees of the International Ergonomics Association, ILO/Safework, ICOH, WHO and CDC/NIOSH USA.

The deadline for proposals is **July 31, 2007**, Review notification: August 15, 2007, and Final paper: September 1, 2007

Website: <http://www.aedec2007.org/>

Conference Secretariat: Damai Sciences Sdn Bhd, Kuala Lumpur, Malaysia
Phone +603 2282 9005, Fax +603 2282 9004, Email contact@aedec2007.org

**IranErgo****Tehran, 7 - 8 May 2008**

The First International Conference on Ergonomics (IranErgo) will be held in Tehran as an IEA endorsed conference. The main purpose of this conference is to promote ergonomics in Iran, the Industrially Developing Countries and provide a scientific forum for researchers, educators, students and consultants around the world to present their findings and to exchange ideas.

The Iranian ergonomics Society at its last week meeting after evaluating the report of the progress of Iran Ergo 2007 conference decided to postpone this event to May 7 - 8, 2008. For further information contact to Dr. Majid Motamedzade, Email: motamedzade@yahoo.com

**XIX Annual Conference on Physiology, India, December 6 – 8, 2007**

XIXth Annual Conference of Physiology, Physiological Society of India. The Annual Conference will be held during December 6-8, 2007 at Department of Therapies and Health Science, Faridabad Institute of Technology, Manav Rachna Educational Institutions, Sec-43, Surajkund Badhkal Road, Aravalli Hills, Faridabad -121003, Haryana. Last date for submission of Abstracts: 30th Sept., 2007.

Interested persons may write to Dr. G.L. Khanna at the above address or e-mail to : phy.conf.07@gmail.com