



# ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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

## **\* Welcome New members!**

ISE Newsletter welcomes the following new Life Members:



**L412 Shankarashis Mukherjee, Kolkata**

**L413 Sandul Yasobant, Ahmedabad**

**L414 Iqbal Ahmed Khan, Greater Noida**



**L415 P. Suresh, Coimbatore**

**L416 Swati Pal, Guwahati**

**L417 Vinod Kumar Gupta, New Delhi**

## **\* Member Activities**

### **Seminar on “Ergonomics – Update & Physiotherapists Perspective”**

A one day seminar on “Ergonomics – Update & Physiotherapists Perspective” was organized by the Indian Association of Physiotherapists (IAP) (Baroda Branch) on 12<sup>th</sup> October 2014 at the Medical College building, S S G Hospital, Baroda. There were around 140 participants, including senior physiotherapy faculty members, clinicians, post graduate students, interns, and undergraduate students. The resource person was M. Balaganapathy, a member of IAP, ISE (Indian Society of Ergonomics), and Handicap International.



There were seven sessions and the topics covered were: introduction to Ergonomics, posture and its significances, work related musculo skeletal disorders (WRMSDs), Ergonomics – for children and aged, disability management, importance of Ergonomics assessment, basics assessment tools in ergonomics.

Dr. Nilima Patel, Convener, IAP (Baroda Branch), appreciated the efforts taken by the resource person.

## **Report on APCHI-ERGOFUTURE-PEI-IAIFI**

This joint international conference was held at the Udayana University, Bali, Indonesia, from 22 to 25 October, 2014.

This conference featured 17 keynotes from Indonesia, Japan, Germany, Singapore, Switzerland, Taiwan, UK, Malaysia, and India (Gaur G Ray - Challenges in Outside Classroom Education Through Interactive Human-Computer System). The schedule was tightly divided into keynotes, Jubiliun, scientific meetings (panel forum), workshop, road map physiology, oral presentations, and field visit. Free paper presentations were divided into three categories: Ergofuture, Physiology, and Computer Human Interaction. There were 205 oral presentations by 267 participants from Indonesia, Malaysia, Singapore, Australia, Taiwan, Japan, Germany, Switzerland, UK, and India (four papers – all from Industrial Design Centre, IIT Bombay).

## **\* Report on HWWE 2014**

The International Ergonomics Conference 'Humanizing Work and Work Environment' (HWWE 2014) and the 12<sup>th</sup> annual conference of the Indian Society of Ergonomics (ISE), focusing on the theme 'User Centered Design and Occupational Wellbeing' was held at the Indian Institute of Technology (IIT) Guwahati during 3 to 5 December, 2014.

The conference offered an international platform for exchange of ideas along with dissemination of knowledge, experience and expertise in various aspects of Ergonomics and Human Factors among academia, industry, scientists, entrepreneurs, research scholars and NGOs. HWWE 2014 covered agriculture & animal husbandry; transport; industrial applications; public utilities; psychology & cognitive science; HCI; occupational stress; health & safety; defence; work physiology & sports science; rehabilitation; elderly and women concerns; design & usability; if fact, appropriate application of ergonomics in every sphere of our lives.

The event was planned across five days – two days (December 01 – 02) of pre-conference workshops followed by three days of the international conference (December 03 – 05). The conference comprised of plenary and techno-scientific sessions. A number of eminent academicians, experts, researchers across the academia and industries delivered lectures.

Prof. Sukumar Nandi, Deputy Director, IIT Guwahati inaugurated the conference and addressed the participants. Prof. Eric Min-yang Wang, President, IEA and Prof. G. G. Ray, President, ISE graced the inaugural ceremony along with Prof. Debkumar Chakrabarti, IIT Guwahati, Dr. Manas Kumar Mandal, Distinguished Scientist and Director General – Life Sciences, Defence Research and Development Organization (DRDO), Ministry of Defence, Government of India, and Padmashree Prof. Y S Rajan, Honorary Distinguished Professor, Indian Space Research Organization (ISRO), Govt. of India.

Plenary lectures were delivered by Dr. Manas Kumar Mandal, Distinguished Scientist and Director General - Life Sciences, DRDO; Prof. Amitabha De, Director, Rajiv Gandhi Indian Institute of Management, Shillong; Prof. G. G. Ray, President, ISE and Professor, Industrial Design Centre, IIT Bombay; Prof. Y S Rajan, Honorary Distinguished Professor at ISRO; Prof. Subhas Rakheja, Mechanical and Industrial Engineering, Concordia University, Canada; Dr. Dhurjati Majumdar, Scientist 'G' and Associate Director, Defence Institute of Physiology & Allied Sciences; Mr. Sugato Sen, Deputy Director General, Society of Indian Automobile Manufacturers; and Mr. Pankaj Jhunja, General Manager (Design), Tata Motors Ltd.

About 400 participants consisting of academicians, researchers and students across the globe presented and shared their research work in the conference. There were three parallel symposiums – (1) Ergonomics awareness and training, (2) Design for elderly and differently abled, and (3) Design innovation and success. Three independent panel discussions focusing on Ergonomics education; Design requirements for elderly and Functionalities of Design Innovation Center were arranged during the conference, where eminent ergonomists from India and abroad expressed their views.

The proceedings of the conference entitled 'User Centered Design and Occupational wellbeing' (comprising 160 articles) were released and distributed among participants on the first day of the conference. Moreover, a separate booklet containing 97 abstracts were published for those, who could not communicate their full papers in time.

There was a strong IEA presence at the conference, comprising of the President, Prof. Eric Min-yang Wang, Vice President & Secretary General, Ms. Margo Fraser, Vice-President & Treasurer Dr. Yushi Fujita, and Professional Standard and Education Committee Chair, Prof. Jose Orlando Gomes. They attended the technical sessions and participated in various panel meetings.

The Department of Design, IIT Guwahati hosted the event for the second time (earlier, HWWE 2005 was held at the same venue) under the aegis of ISE in collaboration with the International Ergonomics Association (IEA). Faculty members, research scholars and students of Department of Design, IIT Guwahati formed the organizing committee under the Chairmanship of Prof. Debkumar Chakrabarti; Dr. Sougata Karmakar was the Organizing Secretary and Dr. Swati Pal, the Treasurer.

At the valedictory session Margo Fraser, Vice-President, IEA appreciated the successful organization of the conference and the hospitality.



Inaugural Ceremony of HWWE 2014 (L to R: Prof. Eric Min-yang Wang, Prof. G.G. Ray, Prof. S. Nandi, Prof. Y.S. Rajan and Prof. D. Chakrabarti)



Prof. Y.S. Rajan, Distinguished Professor at ISRO addressing the audience during the inaugural ceremony





Prof. Eric Min-yang Wang, President IEA describing the activities of IEA



Margo Fraser, Vice-President, delivering valedictory address



Plenary session lecture



Participants in a session



Exhibition of students' design work



Panel discussion on activities of Design Innovation Center

## \* Forthcoming Conferences

# 2015 HWWE

**13<sup>th</sup> meeting of the ISE and HWWE 2015**  
**7 - 9 December, 2015, Mumbai, India**  
**Caring for People**

The 13th annual meeting of the ISE and the HWWE 2015 conference is going to be held in December 2015 in the nation's economic capital city, Mumbai also known as the "City of Dreams". The conference will be jointly hosted by the Indian Institute of Technology Bombay (IITB) and the National Institute of Industrial Engineering (NITIE). Under the theme of "Caring for People", HWWE 2015 is expected to bring together over 500 delegates from India and overseas and showcase the latest in, research, careers, practice, and policy in the area of ergonomics. Collaborative institutes for HWWE 2015 include the PEC University of Technology Chandigarh, and the Nutrition Society of India (NSI), Mumbai Chapter. NSI-Mumbai is also going to organise their 9<sup>th</sup> annual meeting with a symposium on "Community Nutrition and Health: A Social Responsibility" jointly with HWWE'2015.

### Conference venue and dates:

The programme will be held at the Victor Menezes Convention Centre at IIT Bombay.

<b>HWWE 2015 Dec 6, 2015</b>	Morning	Pre conference workshop
	Afternoon	Presentations for best research paper awards
<b>Dec 7 – 9, 2015</b>		Main conference
NSI Dec 7, 2015		Pre conference Work shop (Interpretation of Health Indicators)
Dec 8 – 9, 2015		Symposium

Option will be available to the participants for blind folded peer review or general review for all full papers. Peer reviewed papers will be published in a reputed Journal. General reviewed papers will be published in the Conference proceedings e-book. All abstracts will be published in the Book of Abstracts.

### Important deadlines

Submission of Abstract:	30 April 2015
Submission of Full paper:	15 August 2015
Early Bird Registration:	Before 30 August 2015
Normal registration:	1 to 30 September 2015
Late Registration:	1 October 2015 onwards

For further details log on to [www.hwwe2015.org](http://www.hwwe2015.org) or send email to the organizers at [hwwe2015@gmail.com](mailto:hwwe2015@gmail.com)



Registration is now open 

### Important Dates

10 July 2015	Early bird deadline
1 April 2015	Deadline for revised abstracts and full paper submissions
End May 2015	Review results distributed

## **Stay up to date with the latest news from IEA 2015:**

*For delegate and general inquiries, contact:*

Joanna Cogan, IEA 2015 Project Coordinator via [info@iea2015.org](mailto:info@iea2015.org)

*For program and submission enquiries, contact:*

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### **Applications of ergonomics in developing countries: reality and perspectives.**

26 - 28 October 2015, Algiers



The Laboratory of Prevention and Ergonomics, University of Algiers2, is organizing a conference on Applications of ergonomics in developing countries: reality and perspectives from 26 - 28 October 2015 at Algiers.

#### **Important dates:**

- Deadline for submission of abstract: 25/03/2015 
- Notification of acceptance of abstract: 05/04/2015 
- Deadline for submission of full paper: 20/05/2015
- Notification of acceptance of final article: 30/06/2015
- Deadline for sending the application of registration: 25/07/2015

#### **Facilities of participation in the conference:**

- No participating fees are required.
- Simultaneous translation into the three languages: Arabic, French and English, is provided during interventions.
- Catering for speakers and guests during the days of the conference will be at the expense of the conference organizers.
- Speakers and guest will get a free copy of the proceedings of the third International Conference about: "Applications of Ergonomics in developing countries: Reality and Perspectives", 2015.
- Speakers need to pay 50% of the hotel expenses (about: 20-25 Euros per night), the remaining 50% at the expense of the organizers of the conference, Information about method of booking and payment directly to the hotel will be provided later.
- All keynote speakers will benefit from free accommodation at the hotel.
- Transportation from the airport to the hotel is provided only for speakers coming from outside Algeria.

**Contact:** Professor Hamou Boudrifa, Chairman of the Scientific Committee, University of Algiers2, Algiers.

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