

IEA NewsBriefs: January 2023

Dear IEA Community

The start of a new year, regardless of the date you actually celebrate, may be a time of reflection for some, or bring the prospect of new beginnings and opportunities for those who hope for a better experience than the previous year. Whatever your hopes are, may the year ahead enable you to look after your health and overall well-being, while also pursuing the things that bring positive change and fulfilment to you and others.

The IEA, working closely with IEA societies and collaborators, will continue to provide support to initiatives that advance the HFE discipline, while also keeping you informed of HFE developments across the world. One of the initiatives that we embarked on in the previous year was the Spotlight on IEA societies feature in the IEA NewsBriefs. This feature gave IEA societies a platform to educate the HFE community about their history, events, HFE challenges in their country/ region, and the innovative ways in which the society is contributing to the widespread understanding and implementation of HFE. Through the submissions made in 2022, our readers were exposed to HFE developments in Mexico, Chile, the United Kingdom, Germany, Nigeria, South Africa, India, Malaysia and New Zealand (Figure 1). We can't wait to take you around the world again as we shine the spotlight on more IEA societies in 2023.

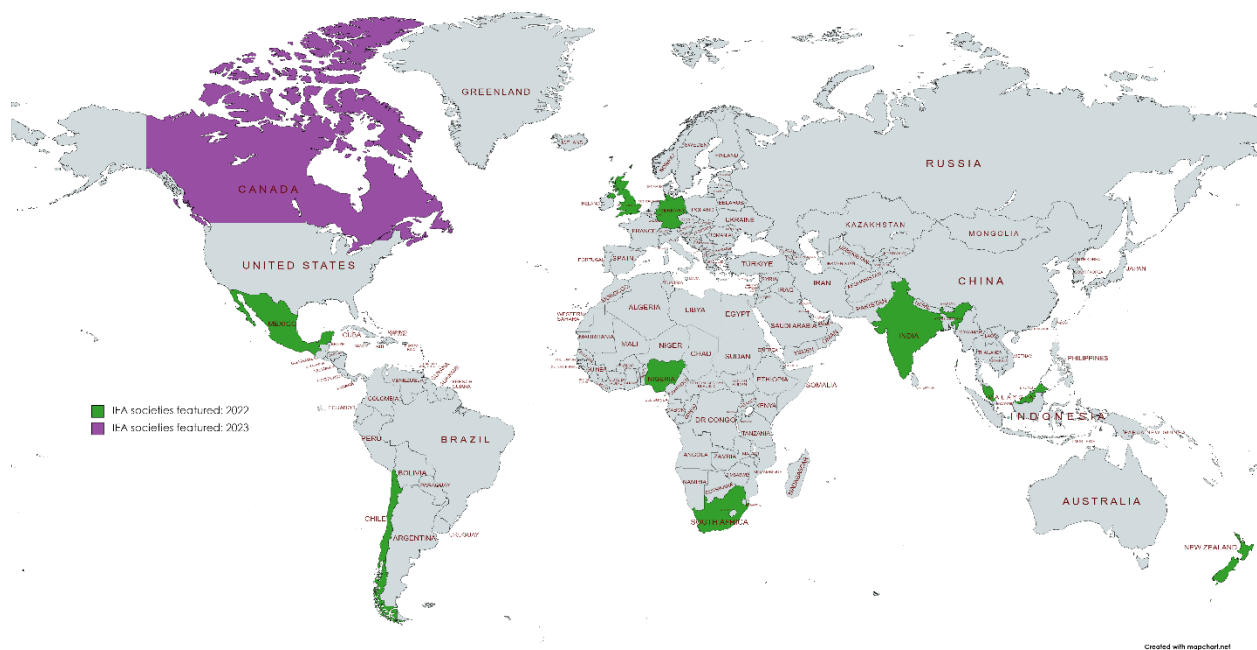


Figure 1: Overview of the IEA societies featured in the IEA NewsBriefs

The first edition of the year features the Association of Canadian Ergonomists/Association Canadienne d'Ergonomie (ACE) and provides details of some exciting events, awards and study opportunities. We look forward to future items for the IEA NewsBriefs, which can be forwarded to the editor (sma.ngcamu@gmail.com).

ANNOUNCEMENTS

IEA Fellow Award applications open – Deadline 30 April, 2023

The call for nominations for the 2023 IEA Fellow Awards is currently open. The IEA Fellow Award is given to recognize extraordinary or sustained, superior accomplishments of an individual. To be considered for the IEA Fellow Award, the candidate must have been a Full Member in good standing of a Federated or Affiliated Ergonomics Society for at least the preceding 10 years, and the candidate must have served the ergonomics community at an international level. In addition, the candidate's distinction as a Human Factors/Ergonomics professional must be demonstrated. Please nominate deserving colleagues by 30 April 2023. Download the application from <https://iea.cc/annual-awards/iea-fellowship/>

IEA/Kingfar 2022 award recipients announced!

Congratulations to the 2022 recipients of the IEA/Kingfar Students Award! These PhD students have demonstrated superior contributions to the field of Human Factors/Ergonomics as graduate students and are on the path to great accomplishments in our field.

- **Akram Sadat Jafari Roodbandi**, Shiraz University of Medical Sciences. Iran
- **Jiawei Fu**, Department of Industrial Engineering, Tsinghua University, China
- **May Jorella Lazaro**, Interdisciplinary Program of Cognitive Science at Seoul National University, South Korea
- **C. Vigneshkumar**, Department of Design at the Indian Institute of Technology Guwahati
- **Yidan Dong**, Department of Occupational and Environmental Health. Peking University

IEA/Kingfar ECR and IEA/Tsinghua award recipients will be announced soon.

IEA/Tsinghua and IEA/Kingfar 2023 applications now open – Deadline 30 June, 2023

The **IEA/Kingfar Award** is given annually to early career professionals to promote and reward high-quality original research and applications on new and emerging HFE issues or issues specifically related to industrially developing countries, as well as to promote a career path in HFE. Nominees can be from any country including both IDCs and developed countries. Up to 13 winners can be recognised each year, with 8 awards given to PhD students, and 5 awards to early career scholars/researchers (within 10 years of completing a PhD). The award amount is \$1,000 for each selected student and \$1,500 for each selected early career researcher. See <https://iea.cc/iea-kingfar-award/> for the IEA/Kingfar Awards criteria.

The IEA/Tsinghua Award for Collaborative Human Factors/Ergonomics Education is given annually to honor persons (e.g. researchers, teachers) who, through international and/or inter-regional collaboration, have made significant and outstanding contributions to the success of postgraduate educational programs that include human factors/ergonomics (HFE) courses or substantial HFE content in the curriculum. The intent of this award is to mobilize educators worldwide for HFE education. Up to 4 programs may be awarded. Each program may be represented by up to two nominees. The award consists of a monetary prize of \$4,000 per selected program. See <https://iea.cc/iea-yinghua-award/> for IEA/Tsinghua Award criteria.

UPCOMING EVENTS

Webinar: “Without ergonomics, no effective work-directed care for patients with musculoskeletal disorders”. 9 February, 2023: 16:00 UTC

The IEA Musculoskeletal Disorders (MSD) Technical committee is organising a webinar that aims to raise awareness about the importance of ergonomics to ensure participation among workers who are being treated medically (operatively and non-operatively) for their musculoskeletal disorders. The webinar will include a discussion regarding workers with end-stage osteoarthritis of the knee who receive surgery for a knee prosthesis (i.e. knee arthroplasty). ~~Titled “Without ergonomics, no effective work-directed care for patients with musculoskeletal disorders”, this webinar will be held on the 9th of February at 16:00 (UTC).~~ Further webinar details can be found here: <https://m4v211.p3cdn1.secureserver.net/wp-content/uploads/2023/01/Webinar-PK.pdf>

Attendance is free but registration is essential. Register here to attend: <https://us02web.zoom.us/j/89628193836>

HFE perspectives on the future of work from South-East Asia. 16 February, 2023: 12:00 CET (Central European Time, SE Asia Time: 19:00)

The future of work and HFE from around the world series provides a platform to deliberate on perspectives on the envisaged challenges and opportunities for the future of work. The third online webinar in this series, which will look at the challenges in South East Asia which has a diverse mix of high and low technology situations, will be held on the 16th of February 2023 at 12:00 CET. Webinar details are available here: <https://m4v211.p3cdn1.secureserver.net/wp-content/uploads/2023/01/Webinar-flyer-FoW-and-SE-Asia.pdf> and the registration link can be found here: <https://us02web.zoom.us/j/83641848399>

Slips, Trips, and Falls International Conference 2023. 1-2 June, 2023, University Health Network, Toronto, Canada.

The 2023 Slips, Trips and Falls Conference, hosted by The KITE Research Institute-University Health Network, will be held from 1 - 2 June, 2023, in Toronto, Ontario. Delegates who are not able to attend in person have the option of participating in the conference virtually. This conference aims to bring together experts from North America and around the world to share research excellence, industrial advances and policy innovations in slip/trip/fall-related injury prevention. The 2023 Slips, Trips, and Falls International Conference aims to bring international attention to the issue of slip/trip/fall prevention while also providing a platform for innovative ideas and solutions to the pervasive slip/trip/fall related injuries. The call for abstracts is currently open and will close on the 15th of February 2023. Further details about this conference can be found here: <https://kite-uhn.com/stf?program>

5th HFEM Biennial Conference on Human Factors and Ergonomics. 14 - 18 August 2023, Langkawi, Malaysia

The HFEMC2023 will take place from 14 - 18 August 2023 in Langkawi, Malaysia. Following the theme "Accelerating human factors and ergonomics toward an inclusive and sustainable future" the objective of this conference is to understand the socio-technical challenges of the Industrial Revolution 4.0 and beyond. Through various presentations and keynote addresses, the conference will explore how key HFE theories, methods, designs, studies and technical advances can be applied to promote inclusion and diversity across various HFE applications, as well as to forecast and impact socio-technical systems of the new industrial revolution. This conference will be held jointly with ErgoLympic 2023, a competition that uncovers affordable and effective solutions, driven by human factors, ergonomics, and occupational safety and health best practices. Please visit the conference website (www.hfemc2023.org) for further details and updates.

Please check the IEA website (www.iea.cc) regularly for further events. There are too many listed to mention them all repeated in the NewsBriefs.

HFE EDUCATION

Doctoral HFE programmes in India

A number of institutions in India offer Doctoral programmes in different areas of HFE. The essential entry requirement is a Masters Degree (or equivalent). Some Institutions have a separate quota for foreign students. The following is a (partial) list of Institutes / Universities. Please visit the websites of individual Institutes / Universities or email the contact person for details.

Institution	Contact person for inquiries
University College of Science and Technology, University of Calcutta www.caluniv.ac.in/	Prof. Somnath Gangopadhyay, Head, Ergonomics Laboratory, Department of Physiology, University of Calcutta , 92, AP.C. Road, Calcutta- 700009, India. ganguli1961@gmail.com
National Institute of Industrial Engineering (NITIE), Vihar Lake, Mumbai 400 087 www.nitie.ac.in	Prof. Rauf Iqbal, Dean, Student Affairs rauf.nitie@gmail.com Or Director, NITIE director@nitie.ac.in
National Institute of Design (NID) www.nid.edu	Director info@nid.edu
Indian Institute of Technology Bombay, (IIT Bombay) http://iitb.ac.in/	Prof. Swati Pal Assoc. Professor Industrial Design Centre

Institution	Contact person for inquiries
	Indian Institute of Technology Bombay, Powai, Mumbai 400 076, India swatipal@iitb.ac.in
Indian Institute of Technology Guwahati, (IIT Guwahati) www.iitg.ac.in	Dr. Sougata Karmakar, Ergonomics Laboratory, Department of Design, Indian Institute of Technology Guwahati, Guwahati 781039, Assam India karmakar.sougata@iitg.ac.in
SVT College of Home Science (Autonomous), SNDT Women's University, Juhu, Mumbai - 400 049, India	Dr. Manjit Kaur Chauhan, Professor, SVT College of Home Science, Dept. of Family Resource Management, SNDT Women's University, Juhu, Mumbai - 400 049, India. manjitkaur2415@gmail.com
Indian Institute of Science (IISc) www.cpdm.iisc.ac.in	Prof. Dibakar Sen, Computerized Anthropometry and Ergonomics Simulation Laboratory (SCALE), Centre for Product Design and Manufacturing (CPDM), Mechanical Engineering Indian Institute of Science (IISc), Bangalore - 560012, India. dibakar@cpdm.iisc.ac.in
Department of Physiology, University of Kalyani, Kalyani Kalyani -741235, Nadia. West Bengal, India www.klyuniv.ac.in	Dr. Subhashis Sahu, In-Charge, Ergonomics and Occupational Physiology Laboratory, University of Kalyani ssahu@klyuniv.ac.in

SPOTLIGHT ON IEA SOCIETIES

We start the 2023 spotlight on IEA societies feature in Canada, located in North America and known as the second-largest country in the world. Canada is also home to the Association of Canadian Ergonomists/Association Canadienne d'Ergonomie (ACE), a well-established federated society of the IEA that has been in existence for 55 years. We extend our appreciation to the ACE team for their willingness to share information about their society with the IEA community. If your HFE society would like to be featured in future editions of the IEA NewsBriefs please email the IEA NewsBriefs editor (sma.ngcamu@gmail.com).

ASSOCIATION OF CANADIAN ERGONOMISTS/ASSOCIATION CANADIENNE D'ERGONOMIE (ACE)

The Association of Canadian Ergonomists/Association Canadienne d'Ergonomie (ACE) is the voice of ergonomics in Canada. Established in 1968, ACE is a bilingual, professional association of individuals and organizations with a common interest in advancing ergonomics and human factors knowledge and practice. It consists of five regional chapters and has members from within Canada as well as internationally. Currently there are 581 ACE members in a variety of categories

including corporate members, regular members, students, affiliates, fellows, and retirees. Anyone can be a member of ACE if they have an interest in ergonomics and human factors and our members come from a variety of disciplines

ACE Fact sheet

- **Established:** 1968
- **Approximate number of members:** 581
- **Approximate number of certified HFE professionals:** 200 certified ergonomists
- **Website:** <https://ergonomicscanada.ca/en>
- **LinkedIn:** <https://www.linkedin.com/company/association-of-canadian-ergonomists/?originalSubdomain=ca>
- **Twitter:** https://twitter.com/ace_ergo?lang=en

Overview of ACE activities

ACE provides services, professional development, and networking opportunities to its members through an annual conference, webinars, and regional events. The annual conference is held in various regions throughout the country or virtually. The 2023 annual conference is planned for the fall of 2023 in Ontario Canada.

ACE also raises awareness of ergonomics and human factors to the public through various articles and interviews written by its members as well as publishing a national yearly Ergonomics Canada Magazine which is available in print or online (https://www.ergonomicscanada-digital.com/ace/0022_annual_2022_/MobilePagedArticle.action?articleId=1800337#articleId1800337). Additionally, ACE also works with other professional organisations within Canada as knowledge transfer partners with the objective of sharing up-to-date research and information about best practice in the field of ergonomics.

Furthermore, while it is not involved in the certification process, ACE promotes and supports the certification of professional ergonomists which is conducted by the College for the Certification of Canadian Professional Ergonomists (CCCPE). In Canada, the College for the Certification of Canadian Professional Ergonomists (CCCPE) has a rigorous process to ensure that professional competencies align with the International Ergonomics Association (IEA). This national certification known as a Certified Canadian Professional Ergonomist (CCPE) was developed with the support of ACE to protect the public. Having a certified ergonomist helps users of ergonomics/human factors services identify those who have the necessary training and experience and ensures the quality of practice among the CCPE. Currently there are 200 certified ergonomists practicing in Canada as well as an additional 166 associate ergonomists who met the ergonomics/human factors education requirements to move towards the CCPE designation but may not have enough practical experience to meet the standards for the professional competencies. Please visit the CCCPE website (<https://www.cccpe.ca/en>) for additional information or to search for CCPEs in Canada.

ACE Membership and upcoming events

Anyone can be a member of ACE if they have an interest in ergonomics and human factors. Being an ACE member does not mean someone is a certified ergonomist.

Visit the ACE website (<https://ergonomicscanada.ca/en>) for additional information on membership, upcoming events, and publications, or email info@ace-ergocanada.ca for additional information

IEA LINKS OF INTEREST

Archive of previous NewsBriefs: <https://iea.cc/iea-newsbriefs-archive-of-past-issues/>

More news from IEA: <https://iea.cc/category/headlines/>

IEA Press publications: <https://iea.cc/publication/>

IEA YouTube channel (includes recorded IEA webinars):
<https://www.youtube.com/channel/UCDnjCjRcYB7rBR2PJFw6k6w>

IEA LinkedIn page: <https://www.linkedin.com/groups/1114517/>

IEA Facebook page: <https://www.facebook.com/InternationalErgonomicsAssociation>