



# NewsBriefs

## September 2023

Dear IEA Community

It is time for another instalment of the IEA NewsBriefs! In this edition, you can read about the next IEA triennial congress, IEA2024, the call for applications for the IEA Annual and Triennial awards, and upcoming HFE webinars that are now open for applications. We also bring you details regarding upcoming webinars and events. In the Spotlight on IEA Societies feature we turn our gaze towards the United States of America's Human Factors Ergonomics Society (HFES), one of the largest HFE societies in the world. In this feature, we share some of the work that HFES is involved in and glean insights on how their activities add value to their over 3000 members.

We would like to take this opportunity to extend our appreciation to all the contributors and readers of this publication! We are proud of the fact that you continue to trust the IEA NewsBriefs as a reliable reference document for valuable HFE updates, award opportunities, events, and HFE societies. Please continue to share HFE events, developments, and IEA society activities that you would like to be included in upcoming editions of the IEA NewsBriefs with [sma.ngcamu@gmail.com](mailto:sma.ngcamu@gmail.com).

### ANNOUNCEMENTS

#### CONGRATULATIONS TO THE 2023 IEA FELLOW AWARDEES!

The 2023 IEA Fellows are (in alphabetical order):

- Paulina Hernandez Albrecht – SOCHERGO (Chile)
- Max Anibel – SOPERGO (Peru)
- João Alberto Camarotto – ABERGO (Brazil)
- Ken Catchpole – CIEHF (United Kingdom)
- Helenice Jane Cote Gil Coury – ABERGO (Brazil)
- Kermit Davis – HFES (US)
- Alma Marie Jennifer Gutierrez – HFESP (Philippines)
- Hongwei Hsiao – HFES (US)
- Karen Messing – SELF (France)
- Marcelo Marcio Soares – ABERGO (Brazil)

Fellows will be honoured during the Awards Ceremony at IEA2024.

#### IEA2024 CALL FOR PAPERS

The IEA triennial conference is to be held in Korea from 25-29 August 2024. IEA2024 will be held jointly with The International Council on Systems Engineering (INCOSE) and HUMAN SYSTEMS INTEGRATION (HSI) Working Group 2024 Conference. Abstract submissions from researchers, academics, practitioners, and professionals from around the world are welcome. Submissions received before the 31<sup>st</sup> of October 2023 will receive a decision by November 30<sup>th</sup>, 2023. Papers submitted later will receive a decision by the 15<sup>th</sup> of March 2024. Optional full paper submissions will need to be submitted before the 15<sup>th</sup> of April 2024. Check the congress website <https://www.iea2024.com/> for further information.

### **CALL FOR NOMINATIONS FOR IEA AWARDS**

The call for applications for various IEA awards is open! There is a total of 8 different IEA Triennial Awards as well as the annual IEA Fellow Awards, IEA/Tsinghua Awards, and IEA/Kingfar Awards for students and early career researchers and the newly introduced Thomas Waters Memorial Award for students. **The award nomination submission deadline for all the awards is 15 January 2024** to provide sufficient time for awardees can make travel and presentation arrangements for the IEA2024 Congress on Jeju Island, South Korea. We encourage everyone to check this list of awards carefully and nominate colleagues, students, and early career researchers who deserve to be recognized. Please see the list of available awards below with links where you can find detailed information on the awards.

### **ANNUAL AWARDS**

- The **IEA Fellow Award** for distinguished long-serving members of IEA Member Societies.
- The **IEA/Kingfar Award** for students and early career researchers.
- The **IEA/Tsinghua Award** for leaders and facilitators of collaborative, programmatic HF/E education initiatives.

### **TRIENNIAL AWARDS FOR STUDENTS**

- \*\*\*New Award: The **Thomas R. Waters MSD Memorial Scholarship Award** for work that significantly advances the science underpinning physical manipulation of people and materials research.
- The **IEA K.U. Smith Student Award** students responsible for contributions to human factors/ergonomics.

### **IEA TRIENNIAL AWARDS**

- **IEA/Elsevier John Wilson Award** for major contributions in the field of applied ergonomics.
- **The IEA Distinguished Service Award** is for individuals who have made outstanding contributions to the promotion, development, and advancement of the IEA.
- **IEA Triennial Outstanding Educators Award** for individuals who have made outstanding contributions to human factors/ergonomics education for having:
  - Developed ergonomics education programs.
  - Produced new methodology and/or materials for teaching ergonomics.
  - Graduated persons who have become outstanding ergonomists.
- **IEA Award for Promotion of Ergonomics in Developing Countries** for individuals who have made significant and outstanding contributions to the development of infrastructure of human factors/ergonomics in an industrially developing country.

- **IEA Triennial Ergonomics Development Award** for an individual(s) who has had an international impact on human factors/ergonomics in terms of contributing or development that:
  - Significantly advances the state of the art of an existing HF/E sub-specialty.
  - Opens a new area of HF/E research and/or application.
- **IEA Human Factors/Ergonomics Prize** for a group, institution, or organization that has made significant contributions to research and development, and/or application of knowledge generally in the field of human factors/ergonomics.
- **The IEA President's Award** is for persons who have made outstanding contributions to human factors/ergonomics or the furthering of human factors/ergonomics, and whose contribution does not fall into one of the other award categories.

## UPCOMING EVENTS

### **Wintertime Slip, Trip, & Fall Prevention, Ontario Region Durham East: 23 October 2023, 09h00 ET**

With the winter season approaching, have you considered whether you are adequately prepared to be safe and slip-free? Join the Ontario Region Durham East: Wintertime Slip, Trip, & Fall Prevention event on the 23rd of October to learn from leading experts Dr. Sophia Li (University Health Network) and Dr. Ruth Barclay (University of Manitoba) and stay one step ahead this winter season. This event is powered by the esteemed KITE Research Institute at the University Health Network (KITE-UHN) and endorsed by The Slips Trips and Falls Technical Committee of the International Ergonomics Association. The event is hybrid so you can attend in person at KITE/UHN, 550 University Ave. Toronto or online. Attendance at this event is free. To secure your spot, register on the link: [https://www.csse.org/viewEvent.html?no\\_header=true&productId=8194](https://www.csse.org/viewEvent.html?no_header=true&productId=8194)

### **Webinar: What is Ergonomics and Human Factors: 9 November 2023, 15h00 GMT**

This webinar will provide a quick introduction to the discipline of Ergonomics and Human Factors (E/HF). Some of the insights that will be shared include the history of the terms ergonomics and human factors and examples where HFE has been used to solve physical, cognitive, and organisational challenges for humans at work. The webinar will further demonstrate the importance of acknowledging the integration of the physical, cognitive, and organisational factors that influence the impact of work on human performance and well-being. This webinar is aimed at people with no HFE training but may be interested in learning more about it. Join this free webinar by registering here: [https://us02web.zoom.us/webinar/register/WN\\_u7Xc0SiHTu2AioWqDzQGpQ](https://us02web.zoom.us/webinar/register/WN_u7Xc0SiHTu2AioWqDzQGpQ)

### **Webinar: Emerging Researchers and Practitioners in Human Factors in Healthcare: 5 October 2023, 13h00 UTC**

The goal of this webinar series is to showcase excellent projects in Human Factors in Healthcare done by Early Career Researchers and Practitioners (ECR/Ps) across the IEA network. ECR/Ps are PhD students and those who are within 0 to 5 years post-PhD (including career interruptions) or practitioners who have been working in Human Factors in healthcare for less than 5 years. The best presenter of the 2023-2024 webinar series will win the inaugural Richard Cook prize.

PRESENTATIONS	PRESENTER DETAILS
The effects of different shift patterns on nurses' self-reported sleep-wake behaviours in selected, private healthcare facilities	Emma Bell Rhodes University, Makhand (Grahamstown), South Africa
Healthcare Pressures and Trade-off Decisions	Natalie Sanford Kings College London, United Kingdom
Investigating and Improving Telephone Triage Safety Outcomes Using Human Factors	Jill Poots Leeds Beckett University, Leeds, United Kingdom
Surgical First Assistants and Human Factors	Ally Ackbarally Leicester School of Nursing & Midwifery DeMontfort University, United Kingdom

### Reminder: October events

In case you missed these previously advertised events that will be taking place in October, please see the list below and consult the **IEA Webpage** (<https://iea.cc/meetings/endorsed-events/>) for further details:

- **7 October:** From Algorithms to Emotions: Explainable Artificial Intelligence's Affective Revolution, 06:00 UTC: Register here: <http://tinyurl.com/IEA-Bernardo-XAI>
- **20-21 October:** XII International Congress of Ergonomics and Human Factors SOCHERGO-UVM / VIII Congress of the Latin American Union of Ergonomics ULAERGO, Santiago, Chile: Access more information on the congress here: <https://m4v211.p3cdn1.secureserver.net/wp-content/uploads/2023/03/Brochure-Congreso-Ergonomia-Sochergo.pdf>
- **23-27 October:** Congress of the Human Factors and Ergonomics Society (USA) to be held in Washington concluding with the Ergo-X Symposium (<https://www.hfes.org/Events/ErgoX-Symposium>).
- **5 October:** Researchers and Practitioners in Human Factors in Healthcare, 13:00 UTC. Registration link: [https://us02web.zoom.us/webinar/register/WN\\_I5VU9KqCTvy-lzmL9kU0hQ](https://us02web.zoom.us/webinar/register/WN_I5VU9KqCTvy-lzmL9kU0hQ)
- **31 October 2023:** The future of work and the challenges for HFE in Brazil, 14:00 UTC. Registration link: [https://us02web.zoom.us/webinar/register/WN\\_66-MAxd4Q\\_el4TBYrDluwQ#/registration](https://us02web.zoom.us/webinar/register/WN_66-MAxd4Q_el4TBYrDluwQ#/registration)

### SPOTLIGHT ON IEA SOCIETIES

The United States of America is home to one of the biggest HFE societies, the Human Factors Ergonomics Society (HFES), which we are pleased to feature in this edition of the IEA NewsBriefs. HFES has a long history of representing HFE professionals and advocating for the implementation of HFE in America. Sixty-six (66) years later, HFES continues to make significant contributions to the development of the discipline and has managed to expand its reach globally. We wish to thank HFES for participating in the IEA NewsBriefs.

If your society would like to be featured in the Spotlight on IEA societies feature, please email the IEA NewsBriefs editor ([sma.ngcamu@gmail.com](mailto:sma.ngcamu@gmail.com)).

### HUMAN FACTORS ERGONOMICS SOCIETY (HFES)

The Human Factors Ergonomics Society (HFES) was established in 1957 and has grown to become one of the biggest HFE societies worldwide. From its inception, HFES's main objectives were to HFES is to "advance the science and practice of designing for people in systems through knowledge exchange, collaboration, and advocacy".

#### **HFES Fact sheet**

- **Established:** 1957
- **Approximate number of members:** 3200
- **Website:** [www.hfes.org](http://www.hfes.org)
- **Media inquiries contact:** Elizabeth Domenech at [elizabeth@360livemedia.com](mailto:elizabeth@360livemedia.com)
- **Alternative contact person:** Steven Kemp, Executive Director [skemp@hfes.org](mailto:skemp@hfes.org)

HFE has developed significantly in the US and is more widespread than in other parts of the world. However, similarly to other developed and developing nations, HFES has identified various challenges that are hindering the implementation of HFE across all industries, some of which are listed below:

- General acceptance of HFE as a critical skill to government and industry senior leaders in comparison to other engineering or science fields that are used in product creation.
- Minimal public knowledge of what HFE is.
- Lack of options for continuing education beyond traditional degrees (e.g., graduate certificates, technical training, soft skills courses, etc.)
- Deliverables of value beyond traditional publications and conference offerings
- A clear commitment from HFES to industry showcasing how HFE/HFES can improve their bottom line (e.g., employee recruitment/retention strategies, improved product development, industry tools of value that can be used on the job)
- Lack of relative consensus standards and/or regulations to improve industry implementation of HFE.
- Limited ability to stay up to speed with changing ecosystems, technologies, or capabilities at national or global levels (i.e., we are behind industry demands for education and resources).

The activities that HFES assist in improving the understanding of HFE and to promote its implementation. Strides are being made in this regard, and recently, Washington State passed legislation to reduce musculoskeletal disorders (MSDs) in workplaces.

#### **Overview of HFES activities**

HFES activities are developed to serve its members and support the advancement of the discipline. Some of the activities that are provided by HFES are listed below while further details on additional activities can be found on the HFES events web page <https://www.hfes.org/Events>

- Organising conferences and meetings where members can share information, network, and raise awareness about various HFE topical issues. This includes, but is not limited to, the following:
  - The International Symposium on Human Factors and Ergonomics in Health Care addresses issues in human factors and ergonomics in the healthcare context.
  - The annual Titans of HFE Symposium that highlights the pioneers and other leaders in the field.

- Publishing technical standards and books including the Methods Series that guides researchers, practitioners, and students on how to employ HF/E methods to accomplish their goals.
- HFE advocacy through engaging with government relations activities to elevate awareness of HF/E among legislators and federal agencies.
- Providing affinity groups for those HF/E professionals and students who have commonalities to form communities. This includes more than 50 local and student chapters, and 26 special interest groups called Technical Groups to advance and discuss the science in specialized areas.

### **Upcoming HFES events**

HFES has the following events planned:

- **23-27 October 2023:** 67<sup>th</sup> International Annual Meeting in Washington DC. More details about this event can be found here: <https://www.hfes.org/Events/International-Annual-Meeting>
- **24-27 March 2024:** 13<sup>th</sup> International Symposium on Human Factors and Ergonomics in Healthcare in Chicago, IL. Consult the symposium webpage and take note of the extended deadline for submission of proposals which are due on the 16<sup>th</sup> of October: <https://www.hfes.org/Events/Health-Care-Symposium#:~:text=The%2013th%20International%20Symposium%20on,at%20the%20Hilton%20Chicago%20Hotel>.

### **HFES Membership**

Any person studying, working in, or interested in the HFE discipline is welcome to become a member of HFES. Recently, HFES instituted a special membership category for those who do not reside in the United States called Corresponding Member. This membership category is for those for whom travel to an in-person meeting in the U.S. is not practical but who wish to keep up with the latest science via our four peer-reviewed scientific journals. The cost of becoming a Corresponding member is only \$50 USD. Further membership details can be found here: <https://www.hfes.org/Membership>

### **IEA LINKS OF INTEREST**

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IEA Press [publications](#).

IEA [YouTube](#) channel (includes recorded IEA webinars).

IEA [LinkedIn](#) page.

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