



NewsBriefs

May 2023

Dear IEA Community,

The deadline for applications for the IEA/Tsinghua 2023, IEA/Kingfar 2023, and the Foundation for Professional Ergonomics Impact Grants 2023/24, the 30th of June 2023, is fast approaching! Refer to the announcements in this edition of the IEA NewsBriefs for details regarding these awards, qualifying criteria and application guidelines. We encourage qualifying individuals to submit their applications in time!

In this edition of the IEA NewsBriefs we also find details regarding upcoming events, including the future of work webinar series focusing on Artificial General Intelligence (AGI). In the Spotlight on IEA Societies feature, you get to learn about the Ergonomics Society of Taiwan, a vibrant HFE society that has actively participated in developing HFE in Asia as well as contributed to the discipline internationally.

We look forward to receiving your information about HFE events, developments and IEA society activities. Contact the IEA NewsBriefs editor (sma.ngcamu@gmail.com) if you would like to contribute to future editions of this newsletter.

ANNOUNCEMENTS

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.

As noted above, the **IEA/Tsinghua Award** for Collaborative Human Factors/Ergonomics Education is given annually to honour 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. This award intends 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-tsinghua-award> for IEA/Tsinghua Award criteria.

Foundation for Professional Ergonomics: 2023/24 Impact Grants

The Foundation for Professional Ergonomics (FPE) created Impact Grants that aim to support small projects in the quest to develop professional ergonomics worldwide. These grants are intended to be seed funding for small (pilot) projects that could potentially lead to but are not required, more extensive funding opportunities from other sources in the future. The expected budget of a single proposal should be between \$500 and \$2,000 and must not exceed \$2,500 USD. The funding preference will be given, but not limited to, applicants from developing countries (as defined by United Nations) or proposals that help develop or grow professional ergonomics in the developing countries.

Impact Grants applications for the 2023/24 period are now open. The deadline for submission is June 30, 2023 with awards decision being announced by the 15th of August, 2023. Interested parties can complete the grant application form (template can be found here: <https://www.ergofoundation.org/images/FPE - Impact Grant template- 2023-2024.pdf>) and should send their submission to Waldemar Karwowski, wkarwowski@gmail.com with a copy to Harvey Cohen, harvey@erroranalysis.com.

UPCOMING EVENTS

Webinar: Artificial General Intelligence: challenges for the future of work: 28 June 2023, UTC 08:00, 10:00 CET, 18:00 AEST

The future of work webinar series has thus far taken us around the world to explore different perspectives of the envisaged HFE challenges that can be anticipated for future work. The next webinar in this series will look at Artificial General Intelligence (AGI), how this challenges the future of work, and what HFE can do to address these issues. While the focus currently is on the impact of artificial intelligence (AI), discussions are already underway for the next and forthcoming evolution of AI, which is AGI that is set to have the capacity to learn, evolve, and modify its own functional capabilities among other advancements that may affect the way work is done across the globe. As such, this webinar will provide valuable insights for audiences around the world. To attend this free webinar, register here: https://us02web.zoom.us/webinar/register/WN_iCDjO-25QiKATCWwF_Gn6A#/registration

Check out the list of upcoming IEA webinars for the next Future of Work Webinar on July 20th on the IEA Website (<https://iea.cc/meetings/iea-webinars/>). There will also be a new perspective on posture classification presented by the IEA Technical Committee on Musculoskeletal Disorders.

IEA2024: The next triennial congress of the IEA will be held in Korea from August 25th to 29th, 2024

Preparations for **IEA2024** are advancing rapidly. It promises to be an exceptional event for both HFE academics, practitioners, and other interested partners. The program will include a wide range of sessions, workshops, panel discussions, plenary sessions and other activities, and stretch from traditional HFE themes to new areas of interest and future perspectives. It will offer a wide range of opportunities for personal contact, including special events for students and early career professionals. The presentations will be available (not recorded) for online participants but to

contribute a presentation, attendance at the congress in person will be necessary. The venue will be on Jeju Island, a very popular and beautiful tourist destination, with a wide variety of offers ranging from sporting activities to cultural interest visits. Sustainability and environmental protection is a priority. The island can be reached directly from several neighbouring countries as it has an international airport. The first call for abstracts is expected by October, 2023. Further NewsBriefs will keep you up to date. Just reserve the date now and think about your contribution!

SPOTLIGHT ON IEA SOCIETIES

In this edition of the IEA NewsBriefs we are pleased to be able to feature the Ergonomics Society of Taiwan (EST). The Ergonomics Society of Taiwan has been an active contributor and participant in the development of HFE in Taiwan and China. EST has also been part of the global HFE community for three decades, wherein it joined the IEA in 1995 as a federated society, just two years after its establishment in 1993. In this feature we hear a bit more about how EST is actively involved in advocating for the widespread implementation of HFE in Taiwan, and how this society, which celebrates its 30 years in existence, plans to support even more local industries in implementing HFE. We appreciate EST for their contribution to the IEA NewsBriefs and wish them well as they serve their members and grow HFE in the region.

We are interested in learning about other IEA Societies that have not yet had an opportunity to be featured in the NewsBriefs. If your society would also like to be featured in the Spotlight on IEA societies' feature, please email the IEA NewsBriefs editor (sma.ngcamu@gmail.com).

ERGONOMICS SOCIETY OF TAIWAN (EST)

The Ergonomics Society of Taiwan was formed in 1993 during its inaugural meeting that was held at the National Tsing Hua University in Hsinchu. Additionally, one of its members, and a past president of the society (Prof. Eric Min-yang Wang) was the president of IEA from 2012 to 2015 and his term of service symbolized the 2 decades of participation of EST in IEA.

EST Fact sheet

- **Established:** 14 February 1993
- **Approximate number of members:** 318 individual members and 10 organizations.
- **Website:** <http://www.est.org.tw/>
- **Facebook:** <https://www.facebook.com/estorg.tw>

The membership base of EST is growing despite an observed decline in the student body in HFE-related university programs such as Industrial Engineering/ Management/ Design. HFE is practiced in most industries in Taiwan and is a legislated requirement for reducing repetitive work-related musculoskeletal disorders (WRMSD) through HFE preventive measures in Taiwan's Occupational Safety and Hygiene (OS&H) Laws.

EST continues to advocate and support the development and implementation of HFE in all industries in Taiwan through forming strategic partnerships such as the long-term relationships that is maintained with military research institutes and industries. Recently, EST started actively engaging in healthcare industries and has initiated several collaborative programs/ projects with leading healthcare providers in Taiwan, such as the National Taiwan University Hospital (NTUH), National Cheng Kung University Hospital (NCKUH), Chi Mei Hospital, Chung Shan Medical University Hospital, etc. This has been supported by recent developments by the Joint Commission of Taiwan, which made provision for requirements related to Human Factors to be incorporated into the newest version of the healthcare quality and patient safety goals for hospitals and clinics.

In the future, EST hopes to enhance connections with manufacturing/ sales companies of consumer products and is working on introducing the HFE professionalism certificate that can support this. This initiative will require, and possibly lead to, inter-disciplinary collaborations with other allied societies such as the Chinese Institute of Design (CID), UI Gathering Taiwan (UXTW) and the Ambient Intelligence Association of Taiwan (AIAT).

Overview of EST activities

EST was formed with the aim of integrating HFE resources and efforts, and to provide platforms where local HFE academics and practitioners could collaborate to advance

the development of HFE in the region. An additional objective was to improve HFE support to industry through various initiatives including, but not limited to, research and contributing to the development of related technical standards. In line with the founding objectives, EST provides the following activities to its members:

- Annual meetings which include local and international conferences and technical workshops
- Student paper and design competitions
- Onsite/online seminars with different domain experts and allied societies in Design/UX/Ambient Intelligence/HCI fields.
- Societal journal publications and e-bulletin/newsletter circulation
- Professional training for Work-related Musculoskeletal Disorder (WMSD) prevention and academic ethics
- Consultant services for industrial safety, healthcare quality or other HFE-related issues
- HFE professionalism certificate (coming soon!)

The next annual meeting coincides with the 30th anniversary of the Ergonomics Society of Taiwan and will take place in March, 2024 at Tatung University (TTU) in Taipei, Taiwan. Details about the conference will be shared on the EST website in due course.

EST Membership

EST membership is open to students, academics, practitioners and organisations who are aligned with the purpose of the society, and are interested or involved in HFE activities. To find out more about the registration requirements and criteria, please visit the EST website here: http://www.est.org.tw/member_club.php

IEA LINKS OF INTEREST

Archive of previous NewsBriefs.

More **news** from IEA.

IEA Press **publications**.

IEA **YouTube** channel (includes recorded IEA webinars.

IEA **LinkedIn** page.

IEA **Facebook** page.