

Subject: Fwd: IEA Newsbriefs
Date: Tuesday, 2 December 2025 at 3:22:51 PM New Zealand Daylight Time
From: Stephven Kolose
To: HFESNZ Admin
CC: HFESNZ Chair

Hi Carole/Joanne,

Below is the latest IEA update, feel free to pass on to members.

Cheers
Steve

Dr Stephven Kolose (Ph.D, CNZHFE)
Certified New Zealand Ergonomist
Auckland
NZ

----- Forwarded message -----

From: **International Ergonomics Association**
<secretariat@internationalergonomicsassociation.ccsend.com>
Date: Tue, 2 Dec 2025, 15:04
Subject: IEA Newsbriefs
To: <stephvenk@gmail.com>

NEWSBRIEFS

November 2025

The IEA global community is hard at work organising many exciting events, including conferences and webinars, in 2025. Keep up to date with the latest events and news to ensure that your 2025 is filled with all things HFE. In this edition, the 'Announcements' section shares some exciting HFE news, including updates regarding recent HFE conferences. Don't miss the webinars taking place in December; the registration links are included in the 'upcoming webinars' section. The 'Upcoming Events' section includes information on several exciting HFE events taking place in 2025 and 2026. In the Spotlight on IEA Technical Committees feature, we showcase the Organizational Design and Management TC and the important work they are doing to improve work performance and well-being using a systems approach. As always, we appreciate the ongoing support and commitment of the global IEA community to share updates that will be of interest to our community. Please continue to share news and updates with us newsbriefs@iea.cc.

ANNOUNCEMENTS

News from IEA's Advisory Group on Standardization

ISO/TC 159 is responsible for standardization in the field of ergonomics/human factors. This TC has four SCs, SC 1 'General ergonomics principles' addresses ergonomics principles and processes and includes three WGs. Currently active, as of November 2025, are WG 2 'Ergonomic principles related to mental work' and WG 5 'Ergonomic process standards.' WG 2 developed ISO 10075-3:2004 that establishes principles and requirements for the measurement and assessment of mental workload and specifies the requirements for measurement instruments. This standard is currently undergoing revision in line with the July 2024 update of ISO 10075-2, 'Design principles.' WG 5 is developing a new standard for the human-centred organization. This document will provide recommendations for human-centred design principles to be applied throughout the design lifecycle of products and services.

Abbreviations:

ISO: the International Organization for Standardization;

TC: Technical Committee;

SC: Subcommittee;

WG: Working Group.

For more information, please visit the ISO website:

<https://www.iso.org/committee/53352.html>

Join the AI and Ergonomics Technical Committee

The future of technology is human-centred. As Artificial Intelligence transforms our world, the role of ergonomics and human factors has never been more critical. We are excited to announce the formation of the **AI and Ergonomics Technical Committee (TC)**, and we invite you to be a founding member.

This committee will be at the forefront of ensuring that AI systems are designed to be safe, usable, effective, and ethical. We are seeking passionate ergonomists, researchers, AI developers, and industry professionals who are ready to lead this vital conversation.

As a member, you will contribute to key objectives, including:

- **Championing Human-Centered AI:** Increase awareness and integrate ergonomics principles into the core of AI development and deployment.
- **Identifying Critical Research:** Pinpoint and prioritize the most pressing research needs at the intersection of human factors and AI.
- **Bridging Communities:** Educate and inform both ergonomics and technology stakeholders about the essential role of human factors in domains like healthcare, manufacturing, autonomous systems, and interaction design.
- **Showcasing Innovation:** Support the IEA community by curating a leading-edge thematic track on Ergonomics & AI at the IEA Triennial Congress.

This is a unique opportunity to network with global experts, and help steer the responsible evolution of AI.

How to Join: Please express your interest and briefly outline your relevant background by emailing stpchair@iea.cc.

2025 International Conference on Human Factors Engineering and Interactions with AI Systems

IEA Council members invited guests at 2025 International Conference on Human Factors Engineering and Interaction with AI Systems in Beijing:

Following the IEA Council meetings in Beijing, all in-person attendees were invited to participate in the 2025 International Conference on Human Factors Engineering and Interaction with AI Systems through the generosity of Tsinghua University and organization of Wei Zhang. Executive Committee members supported the conference by chairing English-language presentation sessions of student paper awardees; this was a terrific opportunity to learn about current research and provide international exchange.

In addition, during the conference

- The ACED (Asian Council on Ergonomics Design), an IEA Network, held meetings and recognized Fellows of their organisation.
- A tour of Li Auto Inc. was arranged including their Space Hardware lab and Smart production shop floor.

*IEA council members in the first rows at the **International Conference on Human Factors Engineering and Interaction with AI Systems***

ABERGO/ULAERGO Conference

The IEA President (Andrew Thatcher), Past-President (Jose Orlando Gomes), and Communications and Public Relations Standing Committee Chair (Martin Rodriguez) were guests at the 25th ABERGO (Brazilian Ergonomics Society) 9th ULAERGO (Latin American HFE network) from 4-7 November in Fortaleza Brazil. Andrew gave the keynote address entitled "Artificial Intelligence - how AI is transforming tasks and the future of professions." There were also discussions on the development of training programmes and certification systems in Latin America, a joint research programme on healthcare systems across BRICS countries, and a new masters' training programme in HFE for the Caribbean region.

Image from the ABERGO/ULAERGO conference (group discussing the HFE Master's program for Central America and Caribbean): José Orlando Gomes (IEA Past President), Carlos Mora (Technical University of Costa Rica and organiser of this program and Caribbean HFE society), Andrew Thatcher (IEA President), Andrew Todd (IEA Professional Standards and Education Committee co-chair), Victor Graboïs (Immediate Past President and Board Member of the Brazilian Society for Quality in Health Care & Patient Safety).

NEXTWAVE Youth Platform

The NEXTWAVE Youth Platform is now open and ready to welcome young participants from across all regions. The Occupational safety and Health foresight journey places strong emphasis on intergenerational dialogue. This group is "building a global community of young people passionate about shaping the future of work, safety, and well-being. By joining the Foresight Youth Community, you'll be part of a creative network contributing ideas, insights, and visions to the ILO OSH Strategic Foresight Journey towards 2050."

What people will find inside the platform:

- Five Youth Challenges designed to spark creativity, participation, and reflection across the four OSH 2050 scenarios, including regional futures exploration,

- storytelling, imaginative scenario immersion and policy innovation
- Access to the four future scenarios developed during the foresight journey.
- A dedicated space to share ideas, ask questions, and connect with others.
- Opportunities to contribute directly to the global OSH foresight process, ensuring that youth perspectives help shape future discussions and outcomes.

Registration link for young participants (18-35 years old): <https://lnkd.in/d4q9DRBz>

Exciting news about IEA2027!

The Chartered Institute Ergonomics and Human Factors is excited to share the venue for IEA2027 in London. The next IEA Congress will take place at **Excel London** from the 23rd to the 25th of August 2027. We are excited to share some important dates for this event:

Bookings open on the 29th of April 2026

Call for papers opens on the 1st of July 2026

Be the first to hear news about the congress! Start by scanning the QR code

We can't wait to welcome everyone to London for this event!

All volumes of the IEA 2024 proceedings published

All six of the IEA 2024 proceedings series are now available from Springer through their book series "Springer Series in Design and Innovation" (SSDI). General links to the proceedings follow:

[Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 1](#) (SSDI, Vol. 39; 75 papers)

[Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 2](#) (SSDI, Vol. 75 papers)

[Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 3](#) (SSDI, Vol. 75 papers)

[Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 4](#) (SSDI, Vol. 56, 75 papers)

[Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 5](#) (SSDI, Vol. 57; 75 papers)

[Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 6](#) (85 papers)

UPCOMING WEBINARS

Fighting Fatigue: Understanding Fatigue Risks in Healthcare and Maritime Industry, 11 December 2025, 15h00 UTC

Fatigue is an insidious risk in all industries, one that is often misunderstood, undiagnosed and unregulated and is arguably the biggest performance shaping factor that affects safety and reliability in most industries, particularly those with time and commercial

pressures allied to constraints on team resources. In this webinar the risks of fatigue will be explained, the challenges of managing these risks in healthcare and maritime and potential mitigating strategies will be unpacked. Healthcare and maritime, despite challenging work patterns, are often neglected sectors when talking about fatigue risks and share some common issues in the underpinning contribution of fatigue to safety.

This webinar will support safety professionals to understand fatigue risk in more depth, providing more information on the systemic and practical contributors, and provide insight into how fatigue risks can be pragmatically managed. It will also draw from the experience of other industries, specifically rail, who have systematically embedded fatigue management over the last 3 decades.

The webinar will be applicable to a wide range of safety professionals including, managers, operators, members of safety departments, analysts, auditors, investigators, etc.

To register for the webinar please [click here](#).

Advancing Construction Safety through AI and Computer Vision: Ergonomic Assessment and Real-Time Monitoring, 12 December 2025, 15h00 UTC

This seminar will focus on the role of Artificial Intelligence (AI) as a transformative tool for advancing ergonomics research and practice, particularly in evaluating and mitigating occupational risks. The presentation will cover two main research streams: (1) computer vision-based evaluation of work-related musculoskeletal disorder risks, including markerless motion capture, captioning, and motion generation, and (2) wearable biosensor-based fall-risk detection. The session will also address empirical findings, methodological considerations, implementation challenges, and future directions for AI-driven ergonomic assessment and intervention design.

Zoom Registration:

https://us02web.zoom.us/webinar/register/WN_Ei2t8d0sRL6HFrtuxS1SwA

Past recorded IEA webinars can be found here:

<https://www.youtube.com/channel/UCDnjCjRcYB7rBR2PJFw6k6w>

UPCOMING EVENTS

HFESA Annual Conference: Human Factors in a Complex System, 1 – 3 December 2025, Launceston, Tasmania

The Human Factors and Ergonomics Society of Australia is hosting their annual conference in Launceston from 1 to 3 December 2025. This year's theme, 'Human Factors and Complexity Systems', will explore how contemporary methods help solve real-world, complex problems. The conference will highlight strategies for identifying, managing, and mitigating hazards in complex environments while evaluating the effectiveness of innovative solutions.

HFESA 2025 will bring together world leaders, emerging scientists, practitioners, and strategists across disciplines, including human-centred design, safety science, engineering, psychology, occupational health, environmental design, technology development, and more.

This event aims to create a vibrant environment that fosters lively debate on pivotal issues shaping our future, gain insight from a broad range of expertise, and inspire action as you leave invigorated, equipped with new knowledge and courage to contribute to a better future.

For more information, please visit the conference website:

<https://conf.ergonomics.org.au>

Symposium on ‘Design Thinking in Informal Sectors’, 13 December 2025, the University of Calcutta, India

The Symposium will feature keynote presentations by three renowned faculty from eminent Indian universities that have agreed to present at this symposium, namely:

1. Pranab K. Nag, Ramakrishna Mission Vivekananda University, Kolkata, India
2. Anindya K. Ganguli, ISE member, and Chair, IEA International Development Standing Committee
3. Debkumar Chakrabarti, Ex-Professor, IIT Guwahati, and President, Indian Society of Ergonomics.

This event will be a gathering of HF/E and design researchers, practitioners, and students from across India with the focus on advancing the health, safety, and wellbeing of informal workers through implementation of ergonomics principles and user-centered design interventions. This event will be an opportunity for this diverse gathering to share experience and best practices in informal work.

As a hybrid event, this Symposium will provide an opportunity for participants to join from around the world, including our many Informal Work TC and IEA members that are interested in this topic of informal work.

Registration for the online option is at no cost; only the in-person attendance option will incur a nominal registration fee. All registered attendees, in-person and online, will be eligible for a certificate of participation issued by the host organizers. Presentations will be recorded and shared online later.

Registration Link:

<https://docs.google.com/forms/d/e/1FAIpQLSeG2obO2gDdiRRrO1fN8FMXJSLZStx4hr4m-RChWDSnZ3UPAg/viewform>

The 15th International Symposium on Human Factors/Ergonomics in Organizational Design and Management (ODAM), 8 – 10 June, 2026, University of Connecticut

The 15th International Symposium on Human Factors/Ergonomics in Organizational Design and Management (ODAM), sponsored by the IEA Organizational Design and Management Technical Committee and the HFES Macroergonomics Technical Group, will take place from June 8–10, 2026, at the University of Connecticut, Storrs campus. The conference theme is "Innovating for the Future: Human-Centered Organizational Design in the Age of Emerging Technologies and Evolving Work." Call for Submissions is open! The first call for submissions has been extended to 31 October 2025!

The ODA meetings bring together researchers and practitioners from around the globe. This conference presents an excellent opportunity to expand your global network of human factors and ergonomics professionals, and we hope it will inspire you all to participate and contribute. We look forward to welcoming you to the University of Connecticut and encourage you to explore the university and the beautiful New England area.

Submission deadline for “late breaking” papers, panels, and posters is December 12, 2025.

For more information, please see the conference website:

<https://uconnuecs.cventevents.com/event/0b6e69d6-52c9-4a73-bf0c-86a7e4617973/summary>

The Slips, Trips and Falls International Conference (STF2026), 18-19 June 2026, Huntsville, Alabama, USA

Mark your calendars and save the dates for this conference on slips, trips and falls taking place in Huntsville, Alabama in June 2026.

For more information, please visit the conference website:
<https://w3.tohoku.ac.jp/stftc/category/news/>

The 10th International Digital Human Modelling Symposium, 1-3 July 2026, Maribor, Slovenia

The International Digital Human Modelling Symposium organised by the Faculty of Mechanical Engineering at the University of Maribor will be taking place from the 1st to the 3rd of July 2026 at the University of Maribor in Slovenia.

Key dates are:

- Abstract submission deadline: 5 December 2025
- Acceptance notification: 9 January 2026
- Full paper submission deadline: 6 February 2026
- Early bird registration deadline: 6 March 2026
- Camera-ready full papers: 27 March 2026

For more information, please visit the conference website: <https://dhm2026.fs.um.si/>

Nordic Human Factors and Ergonomics Society (NES) 21-23 October 2026 in Jönköping, Sweden

“Revitalizing Nordic Ergonomics for the Future” is the theme of the 2026 NES Annual Conference.

Key dates are:

- Deadline for submissions: 30 April 2026
- Notification of review outcome: 29 May 2026
- Deadline for revised submissions: 30 June 2026

For more information, please visit the conference website: <https://nes2026.org>

SPOTLIGHT ON IEA TECHNICAL COMMITTEES (TC)

After featuring the Ergonomics for Children and Educational Environments TC in our previous issue, in this edition, we turn our focus to the Organizational Design and Management TC.

The Organizational Design and Management Technical Committee (ODAM-TC) focuses on organizational design and management issues in human factors and ergonomics, as well as work system design and human-organization interface technology. ODA is concerned with improving work system performance (e.g., productivity, quality, health and safety, quality of work life) by promoting work system analysis and design practice and the supporting empirical science regarding the technological subsystem, personnel subsystem, external environment, organizational design, and their interactions

Work in this field is quite diverse, spanning applications in a variety of organizations and industries. Individuals in this technical committee may be involved in conducting research, providing consultation to businesses, or applying knowledge in the area to their own organization's concerns. Work in this transdisciplinary field is focused on the interaction of psychosocial, cultural, and technical factors with overall system performance. This encompasses a broad range of organizational, macroergonomics issues within a socio-technical work system design perspective.

Membership and Objectives of the Organizational Design and Management TC

The TC consists of more than 250 members from a broad international community. These individuals work for government agencies, universities and colleges, service and manufacturing enterprises, and research and consulting firms. The TC seeks to foster the exchange of information among members and to promote the expansion of the human factors profession to include considerations of the organizational context of work.

The objectives of the ODAM-TC are as follows:

- Promote the role of ODAM as a work system design-oriented approach
- Provide an international forum of scientists, practitioners, academics, and organizations to promote the exchange of ideas and knowledge transfer from ODAM to stakeholders, the academic community, and practitioners.
- Improve and increase the knowledge regarding the contribution of ODAM and the work system concept to industries, organizations, and corporations.
- Provide ODAM and related resources and networks to support global communication and networking
- Contribute to and organize the ODAM TC program tracks for the IEA Congresses
- Organize the International Symposia on Human Factors & Ergonomics in Organizational Design and Management

More information the formation of this TC and the current activities can be found here: <https://iea.cc/member/organizational-design-and-management/>

If you wish to join the Technical Committee [Please Click On This Link](#)

TECHNICAL COMMITTEES (TCs):

The IEA's Technical Committees (TCs) are ad-hoc special interest groups that are formed as a platform to exchange up-to-date information on and discuss a particular HFE field.

More information is available at: <https://iea.cc/leadership/technical-committees/>

TC Creation

Reminder: If you, with at least 5 colleagues, share a passion for a particular special interest area which does not exist as a *Technical Committee (TC)* and you wish to create a *new TC*, please contact stpchair@iea.cc for formalizing this. The process is easy and free!

TECHNICAL COMMITTEES (TCs) SIGN UP SHEET

The IEA Technical Committees (TCs) are seeking to expand their membership and invite new members from federated societies. To facilitate this, we have created a sign-up form that provides an overview of the role of Technical Committees, including their four primary functions. By completing the form, you can express your interest in joining up to two TCs. Once submitted, TC administrators will review your submission and reach out for further details.

Sign-up form for Technical Committees: <https://forms.gle/mMpZ9V9PhBGHPBHQ6>

Joining a TC is free and there are no qualifying criteria (just that you are a member of a federated society) to join and to participate. You can also join more than one TC if your interests are broader. A list of the TCs can be found on the IEA's website:

<https://iea.cc/leadership/technical-committees/>.

You are always welcome to reach out to TC chairs in addition.

IEA LINKS OF INTEREST

Archive of previous IEA 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/>
<https://www.linkedin.com/company/iea-international-ergonomics-association/>

International Ergonomics Association | Todistr. 27 | Zurich, 8002 CH

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