



IEA
International Ergonomics &
Human Factors Association

IEA NewsBriefs

June 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 includes information regarding the recent ILO meeting in Geneva, among other interesting announcements. The "Upcoming Events" section includes information on several exciting HFE events taking place in 2025. In the *Spotlight on IEA Technical Committees* feature, we showcase the *Resilience Engineering Technical Committee* and the important work they are doing to apply systems based approaches to resilience engineering and performance. 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

ILO Meeting in Geneva

The 113th session of the International Labour Conference for the International Labor Organization (ILO) took place at the UN campus in Geneva, CH¹ from the 2nd to the 13th of June. More than 5.000 government, employer and worker delegates from the 187 member states of ILO and many non-government organizations (NGO) addressed today's matters in the context of work at a very high, political level. Many ministers of labour of the member states presented their perspectives about this topic in the plenary personally. Big topics were the effects of demographic change (including migration), digitalization (including Artificial Intelligence) and climate change (including global heating, but also circular economy). This year, IEA has been invited to participate as an international NGO. Thomas Alexander, vice president-treasurer, joined ongoing committee sessions about possible international standards on the protection of workers against biological hazards, decent work in the platform economy and innovative approaches to promoting transitions from the informal to the formal economy. During the conference, he discussed the relevance of Ergonomics and Human Factors for decent work with ILO officials Shengli Niu, Federica Masci, Francisco Santos O' Connor, Aida Lamoum and other colleagues.

In the past, IEA has already worked together closely with ILO about Ergonomic checkpoints²or, quite recently, on Principles and Guidelines for Human Factors/Ergonomics Management of Work Systems³. Currently, a core team of IEA experts is working together with ILO about an overview of Ergonomics and Human Factors and its relevance to the world of work, and on a short paper about the importance of Ergonomics at work from a workers' perspective.

¹ <https://www.ilo.org/international-labour-conference/113th-session-international-labour-conference>

² https://www.ilo.org/sites/default/files/wcmsp5/groups/public/@ed_protect/@protrav/@safework/documents/instructionalmaterial/wcms_178593.pdf

³ <https://iea.cc/iea-ilo-draft-guidelines-available/>



Vice president-treasurer, Thomas Alexander at the International Labour Conference

ILO Occupational Safety and Health Foresight journey:

The ILO would like to get input on their OSH Foresight journey. You are therefore warmly invited to take part in their first Delphi Questionnaire and help us extend its reach across your network. The survey is accessible to external contributors via this public link: <https://www.surveymonkey.com/r/9C57VYV>

Please share it within your network—especially with individuals who can offer key insights from different geographical, economic, social, environmental, and political perspectives. Diverse inputs are essential to shaping an inclusive and forward-looking vision for occupational safety and health.

This first round is aimed at surfacing key signals of change. A second round will follow to prioritise these findings and guide the expert panel discussions on future OSH drivers.

Virtual IEA Council Gathering held 23 June

The second IEA Council Virtual Gathering took place with two one-hour sessions (at 0700 UTC and at 1600 UTC). These sessions focused on “Activities to increase the visibility and opportunities in EHF”. Since each of these sessions included 14 attendees, all shared directly with the group rather than using breakout rooms.

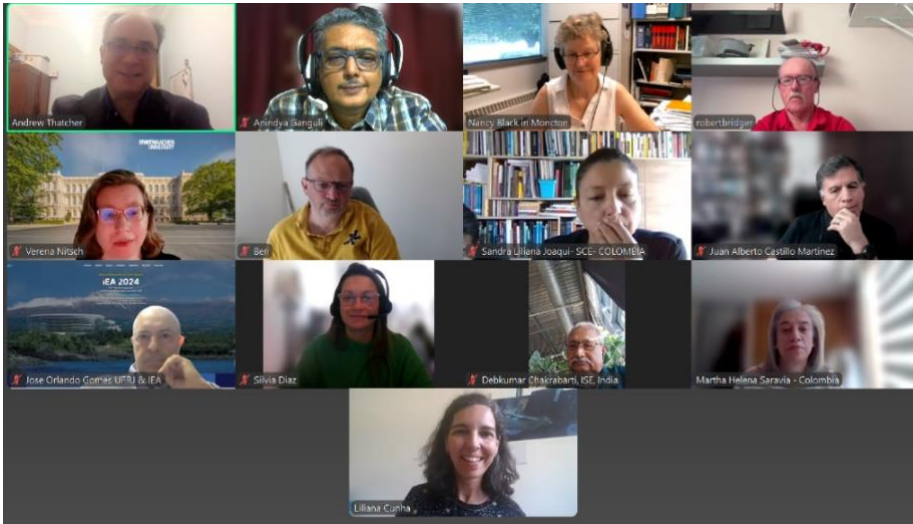
Great initiatives were shared by Council representatives and Sustaining members supporting outreach, social and learning opportunities and society growth. Recordings of these sessions will be shared with IEA Council and Sustaining members for a limited period. Minutes of each session will also be shared with these groups for future reference. Andrew Thatcher, IEA President chaired both sessions and reminded attendees of the 2025 Council meeting October 28-29 in Beijing hosted by the Chinese Ergonomics Society. At that in-person meeting there will be further opportunities to discuss and share best-practices amongst IEA Council Members.

Attached are screen shots recorded by one of the attendees, Anindya Ganguli, Chair of the IEA's International Development Standing Committee.

0700 UTC attendees:



1600 UTC attendees:



LAST CHANCE! IEA/Kingfar Award and IEA/Tsinghua Award 2025 applications now open – Deadline: 30 June 2025

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.

The criteria for the IEA/Kingfar award can be found here: <https://iea.cc/awards/iea-kingfar-award/>

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.

The criteria for the IEA/Tsinghua award can be found here: <https://iea.cc/awards/iea-tsinghua-award/>

ONGOING: IEA social media: Help us share your content!

The IEA is keen to promote your activities, events and achievements. Please help us make the most of your content!

1. Your Content

We are keen to share your content that aligns with the IEA's mission and values. Suitable content includes:

- Human factors and ergonomics insights
- Industry news and updates
- Events, conferences, and workshops
- Research findings and case studies
- Member achievements and spotlights

2. What works?

- LinkedIn: Professional and informative tone. Can include links, images, and short videos.
- Instagram: Visually appealing, engaging, and concise. Use high-quality images or short videos.

3. Writing Captions

- Keep it clear and engaging.
- Avoid jargon – make it accessible to a broad audience.
- Include relevant hashtags (e.g., #HumanFactors #Ergonomics #IEA).
- Mention any relevant individuals or organizations if applicable.

4. Pictures paint a thousand words

- Images: High resolution (minimum 1080x1080 pixels). No excessive text on images.
- Videos: Under 60 seconds for Instagram. Include subtitles if possible.
- Links: Ensure links are functional and relevant.

5. Send to us to share

- Send posts to cpr@iea.cc at least 5 days in advance.
- Include your name and contact information in case we need clarifications.
- Indicate preferred posting date (subject to approval).

6. Tag us to repost

- For any posts that you create, tag the IEA accounts on LinkedIn and Instagram (@IEA handle).
- We will monitor and consider relevant posts for reposting.

7. Distribution & Promotion

The IEA team reserves the right to edit or modify content for clarity, alignment, and engagement. Not all submissions will be posted, but we aim to share content that aligns with our strategy.

EVENT REMINDERS

Resilience Engineering and Artificial Intelligence: Webinar Series on Resilience Engineering, 3 July, at 14h00 UTC

This webinar will explore the intersection of Artificial Intelligence (AI) and Resilience Engineering (RE), showcasing how safety-critical industries are applying systems-based disciplines to guide the integration of AI into mission-critical functions. The webinar will highlight applications in healthcare, defence, and aviation, focusing on the challenges and opportunities of designing, developing, and assuring resilient performance in AI-infused systems.

Zoom registration: https://us02web.zoom.us/webinar/register/WN_z-BxpUcdQ32zw0EfzTS01A

Past recorded IEA webinars can be found here:

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

UPCOMING EVENTS

9th international Digital Human Modelling Symposium DHM 2025: 29-31 July 2025, Loughborough, United Kingdom.

DHM2025 continues a successful history of symposia focused on digital approaches to modelling, understanding and exploiting human simulations for a wide variety of applications and industries. The symposium provides a friendly and accessible forum for researchers and practitioners to share their experiences, latest research, applications, case studies, and advancements in the field, as well as opportunities to form new networks and celebrate existing ones.

The Digital Human Modelling Symposium 2025 is organised and hosted by the School of Design and Creative Arts (SDCA) at Loughborough University in the UK, in association with the Technical Committee of Digital Human Modelling and Simulation of the International Ergonomics Association. For more information, please visit the conference website: <https://www.lboro.ac.uk/schools/design-creative-arts/dhm2025/>

Symposium of the Resilience Engineering Association and Annual Resilient Health Care Society Meeting: 20-24 October 2025, Canela, Brazil.

This conference aims at advancing the knowledge of Resilience Engineering in complex sociotechnical systems such as healthcare, oil and gas, software engineering, and others. The theme will be Collaboration Across Boundaries for Adaptation in the Era of Climate Change. The conference will be held in the city of Canela, Brazil, from the 20th to the 24th of October 2025. Canela is a cozy town in the Guacho Highlands in the southernmost Brazilian state of Rio Grande do Sul and is a traditional venue to large and small conferences.

Important Dates

Outcome notifications to authors: June 15, 2025

Early bird registration closes: June 30, 2025

For more information, please visit the conference website: <https://www.ufrgs.br/resilience/>

XXV Brazilian Congress of Ergonomics and Human Factors, IX International Congress of Ergonomics and Human Factors & BRICS Plus Ergonomics and Human Factors Network Meeting: 4-7 November 2025, Ceara, Brazil.

The Brazilian Association of Ergonomics and Human Factors (ABERGO) and the Latin American Union of Ergonomics (ULAERGO) are organizing a Human Factors and Ergonomics congress in November 2025 with the theme 'Artificial Intelligence and Technological Innovations: challenges for ergonomics and human factors'. This event will take place from the 4th to the 7th of November at the Events Center/Business Factory in Iracema, Fortaleza in Ceara, Brazil, hosted by the Federal University of Ceara, Brazil. More information coming soon.

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>

The slips, Trips and Falls International Conference (STF2026) will be held on 16-18 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://www.uah.edu/education/special-programs/slips-trips-falls>

SPOTLIGHT ON IEA TECHNICAL COMMITTEES (TC)

After featuring the *Visual Ergonomics* TC in our previous issue, in this edition we turn our focus to the *Resilience Engineering* TC.

Socio-technical systems have grown larger and more interconnected, implying higher levels of complexity that challenge existing theories and methods based on linear thinking. Resilience Performance (RP), which is the system's property that enables adaptation and survival in the face of

both expected and unexpected circumstances, is paramount under high-complexity conditions. RP is emergent, partly arising from the self-organization of people who fill out gaps in work system design and partly from resources designed ahead of time. These two dimensions of RP interact with each other as well as with several performance dimensions of socio-technical systems such as safety, productivity, quality, sustainability, and reliability.

Resilience Engineering is a thriving field concerned with understanding and influencing Resilience Performance in a variety of sectors such as, healthcare, aviation, maritime, software engineering, manufacturing, and construction, among others. For that purpose, Resilience Engineering has developed new theories and methods, often re-interpreting existing human factors and ergonomics approaches.

Objectives of the Resilience Engineering TC

The objectives of the Resilience Engineering TC are to:

- Contribute to IEA conferences and other relevant conferences with special sessions, workshops, papers, and group meetings on resilience engineering
- Collect and share educational materials (e.g. lectures, videos, seminars) on resilience engineering
- Foster the dialogue of resilience engineering practitioners and academics with the broader human factors and ergonomics community; and
- Support international collaboration on resilience engineering, ideally with funded research projects with participants from multiple countries

Topics of interest

Some of the topics of interest of the *Resilience Engineering* TC are as follows:

- Resilience Engineering (RE), safety (and security) management
- Systems theory
- Measurement of resilient performance
- RE, climate change, natural and man-made disasters
- Modelling of complex socio-technical systems
- Model Quantification: metaheuristics and artificial intelligence
- Contribution of digital technologies and industry 4.0/5.0 to resilient performance
- Cyber-resilience
- RE and sustainability
- RE and naturalistic decision-making
- Design for resilient performance
- Design and management of resilience procedures, policies and rules
- Regulations and resilient performance
- Leadership for resilient performance
- Management of trade-offs in socio-technical systems
- Cross-learning opportunities from RE in multiple sectors – e.g healthcare, aviation, maritime, manufacturing, construction

If you wish to join the *Resilience Engineering* 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/>

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