



IEA
International Ergonomics &
Human Factors Association

IEA NewsBriefs

January 2025

The IEA would like to wish the global community a prosperous New Year. The IEA would also like to extend a happy Chinese New Year to those who celebrate. We hope to make great strides within the global Human Factors and Ergonomics space in 2025. The 'Announcements' section includes information on IEA2027 as well as an update on the HWWE conference that took place in 2024. 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 *Affective Design* Technical Committee and the valuable work that they are doing to improve communication and collaboration between researchers and practitioners within the Affective Design space. 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

IEA 2027

We hope you had an incredible time at IEA2024 in Jeju! Your participation and enthusiasm truly made it a memorable experience for everyone involved. Planning has started for the next IEA conference – IEA 2027, in London. We would love for you to join us again!

Be the first to hear news about the event by joining our "mailing list" <https://ergonomics.org.uk/iea-2027-interest-list.html>. The dates for IEA2027 will be confirmed by mid-2025 and we expect to release ticket details and the best hotel deals by mid-2026. Sign up to ensure you get access to the best early bird prices and discounts.

Here's why you won't want to miss it:

1. Engaging speakers: Here from leaders and innovators who will share their insights and experiences.
2. Networking opportunities: Connect with like-minded professionals and researchers, expand your network and explore new collaborations.
3. Interactive sessions: Participate in hands-on workshops and interactive sessions designed to provide practical knowledge and skills.
4. Exciting venue: Enjoy the event in a vibrant and expiring location that enhances your overall experience.

We look forward to seeing you there!

IEA ambassador at HWWE 2024 (Indian Ergonomics Society)

The former Vice-president secretary general of IEA, Maggie Graf, attended the Annual conference of the Indian Ergonomics Society Humanising Work and Work Environment (HWWE) 2024 "Ergonomics for Everyone" at the University of Calcutta. She presented the Dr H.P. Chattopadhyay Memorial Lecture "Improving working conditions for informal workers". During her attendance she particularly

appreciated the multiple sessions at that conference on Informal Work – which is the focus of the newest IEA Technical Committee. Maggie will organise two IEA webinars to present the outstanding works on this Informal Work topic discovered at the HWWE 2024 conference. IEA gratefully recognizes the Indian Ergonomics Society’s contribution to this IEA presence including conference entry, hotel, meal and local transportation costs.



IEA's former Vice-President Secretary General, Maggie Graf presenting at HWWE 2024: Ergonomics for Everyone conference, December 2024.



The IEA's International Development standing Committee Chair, Anindya Ganguli also presented at this conference as seen in the image above.

IEA Fellow Award applications open – Deadline 30 April 2025

The call for nominations for the 2025 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 2025. Download the application for here: <https://iea.cc/awards/fellowship-of-the-iea/>

Event reminders

There are currently 4 webinars scheduled for February. Past recorded webinars can be found here: (<https://www.youtube.com/channel/UCDnjCjRcYB7rBR2PJFw6k6w>).

- FRAM, STAMP, and EAST: case study of a collaborative robot. Systemic methods in complex and digitalized manufacturing series: 5 February 2025, 15h00 UTC. Zoom link: https://us02web.zoom.us/webinar/register/WN_8iUVs6MnQ9-3p7vTxFgrng
- FRAM-STPA model: case study of an industry 4.0 plant using a digital glove. Systemic methods in complex and digitalized manufacturing series: 8 February 2025, 15h00 UTC. Zoom Link: https://us02web.zoom.us/webinar/register/WN_eQaYNvSiRE24emm-FM4xeg
- PSO-STPA model: case study on an industry 4.0 plant using smart glasses. Systemic methods in complex and digitalized manufacturing series: 15 February 2025, 15h00 UTC. Zoom link: https://us02web.zoom.us/webinar/register/WN_XfSnuA4kRla1as0VVCPLPg
- Informal Work in Europe: Human Factors Perspectives and Challenges, Informal Work Webinar Series: 25 February 2025, 15h00. Zoom link: https://us02web.zoom.us/webinar/register/WN_V1_vUqfkQwGcsRSMc8KSPQ

UPCOMING EVENTS

Ergonomics and Human Factors 2025: Enhancing Human Performance: 28-30 April 2025

The Chartered Institute of Ergonomics and Human Factors is organising a flagship conference for Ergonomics and Human Factors. Submissions for this event are now open! This event will take place at the prestigious St George's Park, the home of England football, for a jam-packed event focused on 'Enhancing Human Performance' across sectors like healthcare, nuclear, rail, construction, sport and many more. Whether you're passionate about innovation, improving safety, unlocking human potential or all three, this is your chance to learn, connect and collaborate. Book now for a transformative experience!

Find out more at: <https://lnkd.in/ee-yDfgJ>

More information about submissions can be found here: <https://ergonomics.org.uk/events-calendar/ergonomics-human-factors-2025.html>

Healthcare Systems Ergonomics and Patient Safety 2025 (HEPS): 18 – 20 June 2025, Dublin, Ireland.

HEPS, the triennial conference on Healthcare Systems Ergonomics and Patient Safety, provides an international platform for the exchange and dissemination of knowledge and experiences between the discipline of Human Factors/Ergonomics and of Medicine and Health. HEPS conferences are endorsed by the International Ergonomics Association and governed by its Healthcare Ergonomics Technical Committee. The HEPS 2025 conference “Safer Better Healthcare By All For All”, will take place in Trinity College Dublin, Ireland and will bring together Patient and Public Involvement, Human Factors and Ergonomics expertise and healthcare practitioners to address healthcare safety. Abstract submission closes on the 31st of January 2025.

More information on the HEPS conference and abstract submission can be found here: <https://www.heps2025.com>

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: 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 for the conferences are included below.

Important Dates	
Submissions open	15 January, 2025
Early bird registration opens	February, 2025
Submissions close	31 March, 2025
Outcome notifications to authors	15 May, 2025
Early bird registration closes	15 June, 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.

SPOTLIGHT ON IEA TECHNICAL COMMITTEES (TC)

After featuring the Anthropometry TC in our previous issue, in this edition we turn our focus to the **Affective Design Technical Committee**. The affective design concept emerged from the field of Human-Computer interaction, specifically from the area of affective computing. The goal is to deliver affective user interfaces that are capable of eliciting certain emotional experiences from users. Affective design is concerned with subjective emotional relationships between users and products. Artefacts are designed to elicit optimum physio-psychological pleasure in users through their senses. Affective design explores affective properties of products and how these physical attributes may be communicated through emotional intent (citarasa) and psychological feelings (kansei).

Importance of the Affective Design TC

Affective design of products and systems is now a promising and dynamic field of research and application in human factors engineering, HCI, product design, computer science, and engineering design. Given the growing global and multidimensional interests, there is a need for the international ergonomics community to integrate the many threats of interdisciplinary issues underlying this domain, from theories and methods to application. The *Affective Design* Technical Committee has the goal to develop, synergize and promote the field of research and application through collaboration initiatives between researchers and practitioners.

The objectives of the *Affective Design* Technical Committee are as follows:

- To document and develop theories and methods in Affective Design for design purposes
- To integrate research and practices in design of affective user interfaces
- To participate and/or organize collaborative events for researchers and practitioners in academia and industry to share solutions
- To publish works in the form of practical solutions for application in different domains, from consumer goods to medical equipment

If you wish to join the *Affective Design* Technical Committee, membership is free and new members are welcome. To join, please email the chair kashi@nihon-u.ac.jp of the committee.

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>