



IEA
International Ergonomics &
Human Factors Association

Webinar Series

Discover the latest breakthroughs in Visual Ergonomics with the experts shaping the field

Date: Friday, 14th November 2025

Time: UTC 12:00 (CET 13:00)

Duration: 1.5 hours

Join our exclusive webinar, where executive members of the IEA Visual Ergonomics Technical Committee share their cutting-edge research and real-world projects. With decades of combined experience in teaching and practice, our speakers will show you how science meets application—revealing the true costs, benefits, and global impact of effective Visual Ergonomics. Whether you're a researcher, practitioner, or simply passionate about healthy, efficient visual environments, this webinar will inspire, inform, and connect you to a worldwide community of professionals.

Webinar Chair: Hillevi Hemphälä (PhD in Visual Ergonomics) |Optometrist
|Assistant Professor at Lund University, Sweden

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Presenters



Title

How can we create a healthy visual environment? With a focus on computer work and screen recommendations and non-visual flicker from LED

Presenter details

Hillevi Hemphälä, Chair
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Department of Design Sciences Division of
Ergonomics and Aerosol Technologies
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Title

Visual fatigue and accommodative microfluctuation performance under visual load

Presenter details

Rudy Ying-Yin Huang, Co-chair
Human Factors Engineering Lab
Department of Mechanical Engineering
National Taiwan University, Taiwan
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**Title**

Image quality assessment of displays

Presenter details

Frank Po-Hung Lin

Department of Industrial Engineering & Management
National Kaohsiung University of Science and
Technology, Taiwan

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**Title**

Gaze Behavior and Happy-Face Advantage

Presenter details

Sanjram Premjit Khanganba

Chair, Focused Research Group in Human Factors
Human Factors & Applied Cognition Lab
Indian Institute of Technology Indore, India

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**Title**

Screen recommendations – the 20-20-20 rule and
rest breaks

Presenter details

Beatriz Redondo Cabrera

Claro (Clinical and Laboratory Applications of
Research in Optometry)

Research Group, Department of Optics, Faculty of
Sciences, University of Granada, Granada, Spain

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**Title**

Visual Ergonomics and Information Design: its role in Plain
Language documents

Presenter details

Department of Arts & Design, Graduate Program in
Design

Pontifical Catholic University of Rio de Janeiro, Brazil

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Zoom Registration:

https://us02web.zoom.us/webinar/register/WN_OVKf1UyNT2-IYIF3MB1a-A

Registration is free to all interested people. The webinar will be recorded and published on YouTube. Registration permits live interaction with the presenters via Q&A.