

It is not long until the International Ergonomics Association (IEA) Triennial Congress in Italy in August. During January 2018 the executive committee of the IEA Visual Ergonomics Technical Committee (IEA VE TC) reviewed and provided comments for abstracts submitted to the visual ergonomics stream at IEA2018. A big thank you to Marino Menozzi, Hans Richter, Magne Helland and Hillevi Hemphälä who assisted me with this task. The final program for the congress is yet to be finalized, but you can get a sneak preview at <http://iea2018.org>

At IEA2018 our IEA VE TC will hold a general meeting. If you are attending the conference, please come along to

the general meeting so that we can meet you face to face!

Finally, I would like to draw your attention to page 3 of this newsletter which announces a call for papers for a special visual ergonomics issue of the International Journal of Industrial Ergonomics. This project of our TC follows on from our 2014 success of a special visual ergonomics edition of *WORK*. Please consider participating in this project which will help us promote visual ergonomics to a wider audience.

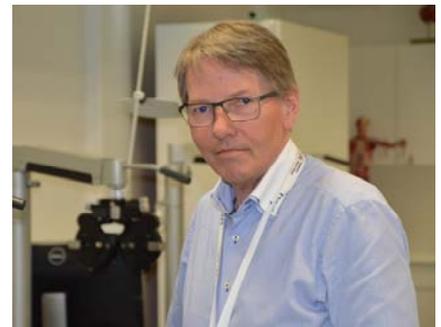
Jennifer Long
IEA Visual Ergonomics TC
Chairperson

Congratulations

CONGRATULATIONS to Magne Helland who received the Hommerstad Prize, the highest award bestowed by the Norwegian Association of Optometry. Magne was given this award on the 20th April 2018 for exceptional and enduring commitment to education, training and development of optometry in Norway. The Hommerstad Prize is only awarded in special cases and Magne is the 7th recipient of the prize.

In addition to his work teaching and promoting optometry in Norway, Magne was one of the founding members of this IEA Visual Ergonomics Technical Committee, and served as the IEA VE TC chair from 2009-2012.

Congratulations Magne!



The 20th IEA Triennial Congress will be held in Florence, Italy, 26th—30th August 2018.

Registrations are open at www.iea2018.org.

**Early bird registration closes
30th April 2018.**

Upcoming Events

UNESCO International Day of Light 16th May 2018

<https://www.international-light-association.org/event/idl-2018>

Nordic Ergonomics Society (NES) 50th Annual Conference, Reykjavic, Iceland,

24-27 June 2018.

<https://www.nes2018.is/>

IEA 20th Triennial Congress, Florence, Italy

26-30 August
2018.

<http://iea2018.org/>

Meeting reports

Applied Vision Association (AVA) Christmas Meeting 2017

Report by Eric Liggins and Craig Aaen-Stockdale

The Applied Vision Association (AVA) is a UK-based charity with over 500 members whose aim is to support and disseminate vision research, through a range of funding opportunities and by holding two scientific meetings per year. The Christmas meeting was held on 18th December 2017 at Queen Mary University of London and was attended by over 100 scientists.

Two of the three keynote speakers discussed ‘top-down’ effects on vision. Stefan Treue (Göttingen) spoke about attentional effects on visual sensitivity to motion, while Ben Tatler (Abertay) gave an interesting talk on “Everyday Vision” using eye movement data to show similar ‘top-down’ effects. Wendy Adams (Southampton) discussed enhancement of targets concealed within cluttered scenes, the confounding effects of surface gloss and shape, and the Southampton-York Natural Scenes database.

Sophie Wuerger (Liverpool) discussed the measurement of skin colour, while Catherine Manning (Oxford) described counter-intuitive differences in motion processing and decision making in children and adults. It seems that adults make decisions more quickly, but the decision-making process is started earlier in children!

Nicole Ruta (Cardiff) presented experiments where the distorted perspective in medieval paintings had been artificially ‘corrected’. These distortions were likely not caused by ignorance, but communicated meaningful information about the subjects (usually religious figures). Chris Tyler (City) discussed light-induced discomfort in sufferers of mild brain trauma. Using electro-retinograms from patients and controls, he suggested that it results from rod responses not being properly suppressed due to dopamine depletion. There were also posters on colour, medical aspects, natural scenes and many other topics, reflecting the broad nature of AVA membership.

Abstracts for all previous meetings, calls for future meetings and details regarding membership can be found at <http://theava.net/>.

Human Factors and Ergonomics Society of Australia conference 2017

The Human Factors and Ergonomics Society of Australia held it’s 52nd Annual Conference in Wollongong on the 26-29 November 2017. Jennifer Long presented a poster “How to make ergonomics sexy for non-ergonomists” which described some of the strategies she has implemented in teaching ergonomics to undergraduate optometry students at UNSW Sydney during the past 11 years.



Illuminating Engineering Society “Light + Human Health” Symposium 2018

The Illuminating Engineering Society (IEA) held a “Light + Human Health” Symposium in Atlanta, Georgia, on the 8-10 April 2018. Octavio Perez presented a poster on the topic of blue-regulated full spectrum LED lighting and its relation to clinician wellness and patient safety. He also plans to give a presentation on this topic at the IEA Congress in Italy in August 2018.

NEXT NEWSLETTER DEADLINE:
30th JULY 2018
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CALL FOR PAPERS

Virtual Special Issue on the topic of Visual Ergonomics International Journal of Industrial Ergonomics (Elsevier)

Visually demanding tasks are a feature of many workplaces (e.g. office work, control rooms, quality control, driving). If visual ergonomics elements are not addressed within these tasks, then this can affect safety, quality, productivity and comfort.

The aim of this special issue of The International Journal of Industrial Ergonomics is to present cutting edge visual ergonomics research relevant to workplaces. Topics may include:

- New display technologies related to visual ergonomics, e.g. 3D displays, head-up and head-mounted displays, see-through displays, augmented and virtual reality, collaborative spaces, autonomous vehicles, small digital devices.
- Lighting.
- Workforce factors related to visual ergonomics e.g. ageing and vision, visual fatigue, multicultural aspects within globalized companies.
- Visual tasks within the context of other work functions e.g. cognitive aspects of digital interfaces, design of control rooms and control suites, eye protection.
- Regulatory aspects e.g. workplace legislation addressing visual ergonomics issues, visual ergonomics assessment techniques.

Types of papers which will be considered include theoretical advances, applications, case studies, empirical studies, and new methodologies and procedures.

KEY DATES:

- The portal for submitting a manuscript OPENS on the 1st September 2018 and CLOSES on the 1st December 2018. The guide for authors can be found here:

<https://www.elsevier.com/journals/international-journal-of-industrial-ergonomics/0169-8141/guide-for-authors>

- Papers accepted for publication will be assigned a unique identifier and then published in a regular journal issue as soon as available (so you won't need to wait for the final article to be ready before publication).
- In approximately December 2019, a virtual special issue will be created on ScienceDirect. Each article will retain its original citation details, but will be grouped with other articles within the virtual special issue. This will allow readers to easily access and navigate the papers.

For more information, please contact the Managing Guest Editor, Marino Menozzi,
mmenozzi@ethz.ch

This project is an initiative of the IEA Visual Ergonomics Technical Committee