

2015-04-19

NOMINATION FORM FOR IEA FELLOW AWARD

Nominee for IEA Fellow: **Knut Inge Fostervold**

Person submitting nomination: Christina Jonsson, President of NES – Nordic Ergonomics and Human Factors Society

The Nomination:

1. Eligibility

Full Name (and title):

Knut Inge Fostervold, dr. psychol./Associate professor.

Address:

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Membership IEA-associated society:

Member of the Norwegian Society for Ergonomics and Human Factors (NEHF) since 1996.

International Appointments

2015 Conference Chair and Head of Organizing Committee NES2015 - Nordic Ergonomics Society 47nd annual conference 01 – 04 November 2015. Lillehammer, Norway.

2014 – Board member, Nordic Ergonomics and Human Factors Society.

2012-13. Head – The Nordic Visual Ergonomics Network

2012. Council member, Federation European Ergonomics Societies (FEES)

2010. Conference Chair and Head of Organizing Committee, NES2010 - Nordic Ergonomics Society 42nd annual conference 06 – 08 September 2010. Stavanger, Norway.

2009. IEA Council member, Nordic representative, International Ergonomics Association.

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2005. Conference Chair and head of Scientific Committee, NES2005 - Nordic Ergonomics Society 37th annual conference 10-12 October 2005. Oslo, Norway

2003 – 2006 Council member, Federated European Ergonomics Societies (FEES)
2000 – 2003 Representative for the Nordic Ergonomics Society in the development committee of the Federated European Ergonomics Societies (FEES)

2000. IEA Council member, Nordic representative, International Ergonomics Association.

2000. Conference Chair and Head of Organizing Committee, NES2000 - Nordic Ergonomics Society 32nd annual conference 23 - 25. October 2000. Trondheim, Norway

1997 – 2006 Board member, Nordic Ergonomics Society.

National appointments

2013 – President, Norwegian Society for Ergonomics and Human Factors

2007 – 2011: Chief advisor, Norwegian Society for Ergonomics and Human factors

2004 – 2006: President, Norwegian Ergonomics Society.

1997 – 2000: President, Norwegian Ergonomics Society

1996 – 1997: Board member, Norwegian Ergonomics Society

2. Distinction

See appended CV and list of publications.

Endorsement by Nordic Ergonomics and Human Factors Society, NES

2015-04-19

CV: Associate professor Knut Inge Fostervold

Department of Psychology, University of Oslo, Norway

Present position:

2007 - Associate professor, Department of psychology, University of Oslo.

Previous academic positions:

2004-2007. Associate professor, Lillehammer University College.

2002-2004. Associate professor, Department of Psychology, University of Oslo.

1998-2002. phd-candidate, Department of Psychology, University of Oslo.

1992-1998. Research Fellow. The Man-Machine-Systems Programme, Oslo Innovation Center.

Academic degree (university and year):

Dr. psychol. 2003. Department of Psychology, University of Oslo.

Cand. Psychol. (Licensed psychologist) 1992. Department of Psychology, University of Oslo.

Educational appointments:

2013. Director for the Bachelor and Masters programs in Psychology, Department of Psychology, University of Oslo, Norway

2008 – 20011. Director for the Bachelor and Masters programs in Psychology, Department of Psychology, University of Oslo, Norway

2007: Member of the development committee of a master program in ergonomics and universal design, Lillehammer University College.

2004-2006: Member of the interdisciplinary development committee of a master program in scientific methods, Lillehammer University College.

2005: Member of the development committee of a master program in user centered design Gjøvik University College.

2000- 2002. Member of the development committee of a master program in ergonomics, Norwegian Ergonomics Society.

Number of completed PhD-candidates supervised the last 5 years: 3

Reviewing

Scientific Journals.

Applied Ergonomics, BMC - Public Health, Ergonomics, European Psychologist, International Journal of Environmental Research and Public Health, International Journal of Industrial Ergonomics, Ophthalmic and Physiological Optics, Perceptual and Motor skills, Scandinavian Journal of Psychology, Tidsskrift for Norsk Psykologforening.

Research

Research reports published by the National Research Centre for the Working Environment, Denmark.

2015-04-19

Publication list:

Associate professor Knut Inge Fostervold

Department of Psychology, University of Oslo, Norway

Present position: Associate professor, Department of psychology, University of Oslo.

International Publications:

International journals:

Fostervold, Knut Inge; Watten, Reidulf G. & Volden, Frode Strand (2014). Evolutionary adaptations: Theoretical and practical implications for visual ergonomics . *Work : A journal of Prevention, Assesment and rehabilitation*, 47(3), 387- 397. ISSN 1051-9815. doi: 10.3233/WOR-131771

Fostervold, Knut Inge (2012). Cognitive components and the ability to ignore and adapt to irrelevant stimuli: a key factor in open plan offices? *Work : A journal of Prevention, Assesment and rehabilitation*, 41, s 6024- 6030. ISSN 1051-9815doi: 10.3233/WOR-2012-1055-6024

Bjørnstad, Anne Lise; Fostervold, Knut Inge & Ulleberg, Pål (2011). Effects of Cultural Diversity on Trust and its Consequences for Team Processes and Outcomes in Ad Hoc Distributed Teams. *Scandinavian Journal of Organizational Psychology*, 3(2), s 3- 15 ISSN 1891-473X

Halberg, Anne-Marie; Teigen, Karl Halvor & Fostervold, Knut Inge (2009). Maximum vs. minimum values: Preferences of speakers and listeners for upper and lower limit estimates. *Acta Psychologica*, 132(3), 228- 239. ISSN 0001-6918. doi: 10.1016/j.actpsy.2009.07.007

Fostervold, KI & Nersveen, Jonny (2008). Proportions of direct and indirect indoor lighting - The effect on health, well-being and cognitive performance of office workers. *Lighting Research and Technology*, 40(3), 175- 200. ISSN 1477-1535. doi: 10.1177/1477153508090917

Watten, Reidulf G.; Fostervold, Knut Inge; Kleiven, Jo; Fauske, Halvor & Volden, Frode (2008). Gender Profiles of Internet and Mobile Phone Use among Norwegian Adolescents . *Seminar.net : Media, technology and lifelong learning*, 4(3), 1- 10. ISSN 1504-4831.

Teigen, Karl Halvor; Halberg, Anne-Marie & Fostervold, Knut Inge (2007). More than, less than, or between: How upper and lower bounds determine subjective interval estimates . *Journal of Behavioral Decision Making*, 20, 179- 201. ISSN 0894-3257.

Teigen, Karl Halvor; Halberg, Anne-Marie & Fostervold, Knut Inge (2007). Single- Limit Interval Estimates as Reference Points . *Applied Cognitive Psychology*, 21(3), 383- 406. ISSN 0888-4080.

Øvergård, Kjell Ivar; Fostervold, Knut Inge; Bjelland, Hans Vanhauwaert & Hoff, Thomas (2007). Knobology in use: an experimental evaluation of ergonomics

recommendations. *Ergonomics*. 50(5), s 694- 705 . ISSN 0014-0139. doi:
10.1080/00140130601168046

Fostervold, Knut Inge; Aarås, Arne & Lie, Ivar (2006). Work with visual display units: Long-term health effects of high and downward line-of-sight in ordinary office environments. *International Journal of Industrial Ergonomics*. 36(4), s 331- 343 ISSN 0169-8141.

Fostervold, Knut Inge (2003). VDU-work with downward gaze: the emperor's new clothes or scientifically sound? *International Journal of Industrial Ergonomics*. 31(3), s 161- 167. ISSN 0169-8141.

Fostervold, Knut Inge; Buckmann, Erik & Lie, Ivar (2001). VDU-screen filters: Remedy or the ubiquitous Hawthorne effect? *International Journal of Industrial Ergonomics*. 27(2), s 107- 77. ISSN 0169-8141.

Aarås, Arne; Fostervold, Knut Inge; Ro, Ola; Thoresen, Magne & Larsen, Stig (1997). Postural load during VDU work. A comparison between various work postures. *Ergonomics*. 40(11), s 1255- 1268. ISSN 0014-0139.

International books and book chapters

Fostervold, Knut Inge; Husby, Thor; Olsen, Kai. (Eds.). (2010). *Proceedings of NES 2010 "Proactive Ergonomics Implementation of ergonomics in planning of jobs, tasks, systems and environments"*. Oslo, Norway: Norwegian Society for Ergonomics and Human Factors 2010. ISBN: 978-82-995747-2-3.

Larsen, P.J., Lillelien, E., Fostervold, K.I., Mjøs, T. & Berg, M.O. (2010). Energy efficient lighting systems – consequences for environment, health and human factors. In, (CIE) *Selected papers of the Light and Lighting Conference with Special Emphasis on LEDs and Solid State Lighting* (pp 79-88). ISBN: 978 3 901906 79 4.

Fostervold, Knut Inge & Ankrum, Dennis R. (2008). Visual ergonomics for children. In Rani Lueder & Valerie J Berg Rice (eds.), *Ergonomics for children designing products and places for toddler to teens*. pp. 65 – 108, Taylor & Francis. ISBN 97-80415304740.

Veiersted, B., Fostervold, K.I., Gould, K.S. & Bakkeli, W. (Eds). (2005). *Ergonomics as a tool in future development and creation*. Proceedings of NES2005 - Nordic Ergonomics Society 27th annual conference 10-12 october 2005. Göteborg : Nordic Ergonomics Society. ISBN: 82-995747-1-4

Fostervold, K.I. og Endestad, T. (Eds) (2000). *At the gateway to cyberspace -ergonomic thinking in a new millennium*: Proceedings from Nordic Ergonomics Society 22th annual conference, Britannia hotel, Trondheim, Norway, 23 - 25. oktober 2000. Göteborg: Nordic Ergonomics Society. ISBN: 82-995747-0-6.

Lie, Ivar; Watten, Reidulf G. & Fostervold, Knut Inge (1998). Accommodation/vergence/-fixation disparity and synergism of head, neck and shoulders, In O. Frantzén; H. Richter & L. Stark (eds.), *Accommodation/-Vergence Mechanisms in the Visual System*. Birkhäuser Verlag, Basel.

Aarås, A., Fostervold, K.I. Thoresen, M. and Larsen, S. (1995). Postural Load at VDU work. A comparison between different workplace design. In: Kumashiro, M. (ed), *The Paths to Productive Ageing*, Taylor & Francis, London. pp. 151-156.

Lie, I. & Fostervold, K.I. (1995). VDT - Work With Different Gaze Inclination. In: A. Grieco, G. Molteni, B. Piccoli and E. Occhipinti (Eds.), *Work with Display Units 94, Selected papers of the fourth international scientific conference on work with display units*. (pp. 137-142), Amsterdam, Netherlands: Elsevier Science.

International conference proceedings with full paper.

Mysen, Mads; Hammer, Hugo Lewi; Nersveen, Jonny; Fostervold, Knut Inge. Kampen School - Evaluation of pupils' performance and perceived health and well-being before and after school retrofitting. (2012). In, *Healthy Buildings 2012 : 10th International Conference 8-12 July 2012 Brisbane, Australia. Queensland: Queensland University of Technology* ISBN 978-1-921897-40-5

Fostervold, K.I. & Husby, T (2012). Lighting quality in learning environments: premises for new guidelines. In, A.B. Antonsson & Hägg. G.M. (eds.), *Proceedings NES2012. Ergonomics for sustainability and growth. Saltsjöbaden, Sweden, August 19-22. Stockholm: KTH Royal Institute of Technology, School of Technology and Health, Division of Ergonomics*. ISBN: 978-91-637-1150-3.

Nilsen O.V. Fostervold, K.I. & Koren, P. (2012). Stress and systems in the work environment. In, A.B. Antonsson & Hägg. G.M. (eds.), *Proceedings NES2012. Ergonomics for sustainability and growth. Saltsjöbaden, Sweden, August 19-22. Stockholm: KTH Royal Institute of Technology, School of Technology and Health, Division of Ergonomics*. ISBN: 978-91-637-1150-3.

Watten, R. & Fostervold, Knut Inge (2010). Some visual and perceptual factors in universal design. In, K.I. Fostervold, T. Husby & K. Olsen (eds.). *Proceedings of NES 2010 "Proactive Ergonomics Implementation of ergonomics in planning of jobs, tasks, systems and environments"*. Oslo, Norway: Norwegian Society for Ergonomics and Human Factors 2010. ISBN: 978-82-995747-2-3.

Fostervold, K.I., Larsen, P.J., Lillelien, E., Mjøs, T. & Berg, M.O. (2009). Retrofitting lighting installations: Consequences for environment, health and human factors. In, *Proceedings of the 17th Triennial Congress of the International Ergonomics Association, IEA 2009, Beijing, China*.

Mysen, M., Fostervold, K.I. and Schild, P.G. (2006). An intervention study of the impact of supply air filters on perceived air quality in a primary school. *Proceedings of Healthy Buildings 2006, Lisbon, 06-08 June*.

Halberg, A.M. and Fostervold K.I. (2005). Person - environment fit: a modern organizational theory that bridge the needs of the organization and their employees. In: B. Veiersted, K.I. Fostervold, K.S. Gould and W. Bakkeli (eds). *Ergonomics as a tool in future development and creation. Proceedings of NES2005 - Nordic Ergonomics Society 27th annual conference 10-12 October 2005* . (pp. 180-183). Göteborg: Nordic Ergonomics Society.

Fostervold, K.I. (2004). Open-plan offices: a current review In, K. B. Olsen & O.J. Teller (eds.), *Working Life Ethics, Nordic Ergonomics Society 36th Annual Conference Kolding, Denmark 16 - 18 August*. Kolding, Denmark: Nordic Ergonomics Society and Danish Society for Work Environment.

- Fostervold, K.I. (2003). VDU-work and the preferred line-of-sight after long term exposure to different monitor placements. In: D. Harris, V. Duffy, M. Smith & C. Stephanidis (eds.), *Human-Centred Computing. Cognitive, Social and Ergonomic Aspects. Volume 3 of the proceedings of HCI international 2003, Crete, Greece*, (pp. 28-32). London: Lawrence Erlbaum.
- Fostervold, K.I. (2001). Near-work and visual ecology: is there a connection. In: Korsnes, M. S., Raftopoulos, A. & Demetriou, A. (eds.), *Studies of the mind. Proceedings of the first Norwegian-Cypriot meeting on cognitive psychology and neuropsychology. Nicosia, may 31-June 1. (pp. 11-16)*, Nicosia, Cyprus University Press.
- Fostervold, K.I. (2000). Vision And Body, Integrated Systems In Systemic Interplay. *Ergonomics for the New Millennium. International Ergonomics Association, 14. Triennial Congress (pp. 4-746 – 4-749)*, San Diego, California, USA
- Fostervold, K.I. and Lie. I. (1999). Variation of sitting posture in work with VDUs. The effect of downward gaze. In, H.J. Bullinger, and J. Ziegler, (eds.), *Human Computer Interaction: Ergonomics and User Interfaces Volume 1 HCI International'99*, (pp. 56-60), München Tyskland.
- Fostervold, K.I. and Lie, I. (1997). The Ecological Viewpoint –A new Ergonomic Construct, In, Miyamoto, H., Saito, S., Kajiyama, M. & Koizumi, N. *Proceedings of the fifth International Scientific Conference on Work With Display Units*, (pp.147-148), Tokyo: NORO Ergonomics Laboratory, School of Human Sciences, Waseda University.
- Lie, I., Fostervold, K.I., Aarås, A. and Larsen, S. (1997). Gaze Inclination and Health in VDU-operators, In, Seppälä, P., Luopajarvi, T., Nygård, C.H. & Mattila, M (Editors) *From Experience to Innovation. Proceedings of the 13th Triennial Congress of the International Ergonomics Association. Vol.5, Tampere, Finland*, (pp.50-52), Helsinki: Finnish Institute of Occupational Health.
- Fostervold, K.I., Lie, I., Larsen, S., Horgen, G., Aarås, A. and Vågland, A. (1995). Symptom clusters among VDU - workers. Part of the Norwegian field study: The VDU workplace - A new ergonomic concept. In, Y. Anzai and K. Ogawa and H. Mori, (Eds.), *Symbiosis of human and Artifact, Proceedings of the 6th International Conference on Human Computer Interactions (HCI)*. (pp. 575-580), Amsterdam: Elsevier Science.