

CV for Kuklane, Kalev, PhD, Docent (born 1968.02.14 in Võru, Estonia)

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1. University degrees:

Civil Engineer in Building Technology (1993, Tallinn Technical University, Estonia)
M.Sc. in Ergonomics (1995, Luleå University, Sweden)

2. Doctoral degree:

2000.02.24; Industrial ergonomics, Luleå University of Technology, Sweden; Ph.D., Thesis: "Footwear for cold environments: Thermal properties, performance and testing"; supervisors: Ingvar Holmér and John Abeysekera

3. Qualification as Assoc. Professor:

2007.02.12 docent at Lund University

4. Current position, period of appointment, time for research in the position

From 2003 university lecturer (universitetslektor) at Lund University, permanent employment, 80 % research

5. Previous positions and periods of appointment

1995-2000 - doctoral student at Luleå University of Technology (1997-2000 employed by National Institute for Working Life, Sweden)

2000-2002 - research engineer at National Institute for Working Life

2002-2003 - research engineer at Lund University

6. Teaching qualifications

Preparation and carrying out laboratory exercises in courses Human performance in extreme environments and Work and sports physiology under years 2006-2012, and for MSc programs in Sports medicine and Sports psychology 2009-2012.

Assistant supervisor of M.Sc. project work for international course in ergonomics students (4) from Luleå University of Technology under 1997-2001

Supervisor for master project at Industrial Design, Lund University, Sixten Heidmets with Healthy Design: Better Boston Brace & Soft Support, 2005.

Supervisor for master project on Public Health, Lund University, Muhammad Salman Butt with Effects of physical environmental factors on workers health in micro and medium sized industries of Pakistan, 2012.

Supervisor for a diploma project at Produktutveckling & Design, Malmö Högskola, Kurt Cutbill and Johan Wieslander with Development of an orthopedic aid (Utveckling av fotortos), 2010.

Assistant supervisor of doctoral student Faming Wang (start September 2008, finished December 2011).

Main supervisor of doctoral student Karin Lundgren (start January 2012)

Improving pedagogical knowledge on following courses at Lund University:

Pedagogical introductions course, 2003;

Pedagogical inspirations course, 2004;

Docent-course, 2005.

7. Research interests

Thermal manikins and models

Thermal physiology and thermo-physics

Clothing physics and clothing-wearer interaction

Testing methods and choice of footwear and clothing

Ergonomics and functional design of protective clothing and equipment

8. Distinctions

The International Ergonomics Association and the International Journal of Occupational Safety and Ergonomics, IEA/JOSE Best Paper Award for 2006–2008 to Kalev Kuklane, Chuansi Gao, Ingvar Holmér, Lina Giedraitytė, Peter Bröde, Victor Candas, Emiel den Hartog, Harriet Meinander, Mark Richards and George Havenith for Calculation of Clothing Insulation by Serial and Parallel Methods: Effects on Clothing Choice by IREQ and Thermal Responses in the Cold published in Vol. 13, No. 2 (2007) of JOSE.

"Best Paper Award - Praxis" (Practice) 2008 of the Gesellschaft für Arbeitswissenschaft (GfA, German Ergonomics Society) to Peter Bröde, Kalev Kuklane, Victor Candas, Emiel den Hartog, Barbara Griefahn, Ingvar Holmér, Harriet Meinander, Wolfgang Nocker, Mark Richards and George Havenith for Heat transfer through protective clothing under symmetric and asymmetric long wave thermal radiation published in the Zeitschrift für Arbeitswissenschaft, Vol 62, No. 4, p. 267-276

9. Affiliations

Member of the Organising Committee for NOKOBETEF 6 and 1st European Conference on Protective Clothing (2000)

Member of the Organising Committee for 11th International Conference of Environmental Ergonomics (2005)

Board member of the European Society of Protective Clothing (ESPC)

Participating in the work of CEN/TC 162/WG 4 and the Swedish mirror group.

Member of FTF arbetsmiljö (Swedish Association for Occupational Safety and Health)

Visiting researcher at Institute of Labour Medicine, Russia (1998), Kyushu Institute of Design, Japan (2000, 2002) and SINTEF Unimed, Norway (2003)

10. Participation in projects and collaboration with postdoctoral researchers:

Within EU project Barents Interreg II, 2000-2002: Prof. John Abeysekera, Luleå University of Technology, Sweden; Prof. Juhani Hassi, Centre for Arctic Medicine, University of Oulu, Oulu, Finland; Dr. Arvid Päsche, Thelma AS, Norway

Within EU project Subzero, 2000-2002: Prof. Hannu Anttonen, Finnish Institute of Occupational Health, Finland; Dr. Volkmar Bartels; Hohenstein Institute, Germany; Dr. Harriet Meinander, Tampere University of Technology, Finland; Prof. Randi E. Reinertsen, SINTEF Unimed, Trondheim, Norway; Prof. Hannu Rintamäki, Finnish Institute of Occupational Health, Finland; Prof. Karl-Heinz Umbach; Hohenstein Institute, Germany

Within EU project Thermprotect, 2003-2006: Dr. Peter Bröde, IfADo, Germany; Prof. Victor Candas, CEPA, France; Dr. Emiel den Hartog; TNO, Holland; Prof. George Havenith, Loughborough University, UK; Dr. Harriet Meinander, Tampere University of Technology, Finland; Dr. Mark Richards, Humanikin, Switzerland

Other, smaller projects: 2000 Prof. Rallema F. Afanasieva, Institute of Labour Medicine, Moscow, Russia; 2000-2002 Prof. Yutaka Tochihara, Kyushu University, Fukuoka, Japan; 2003 Dr. Takako Fukazawa, Kyushu University, Fukuoka, Japan; 2003 Prof. Randi E. Reinertsen, SINTEF Unimed, Trondheim, Norway; 2008 Prof. Shin-ichi Sawada and Dr. Satoru Ueno, JNIOH, Japan; 2009 Prof. Xiaohong Zhou, Zhejiang Sci-Tech University, China; 2009-2010 Dr. Juhani Smolander, Finland; 2009-2012 Prof. Nesreen Ghaddar, American University of Beirut, Lebanon; 2010 Dr. Agnes Psikuta, EMPA, Switzerland

11. Publications

Publication list is available at

http://www.lunduniversity.lu.se/o.o.i.s/12683?ref=simple&orgid=&query=Kalev+Kuklane&luur_simplesearch_submit=Search&luur_search_focus=all

12. Further information on current work: http://www.eat.lth.se/termisk_miljoe/english/