

18:00	Registration opens					
19:00	Get-together at Grand Hotel with Cocktail Buffet		Sunday, August 10 th			
Monday, August 11 th						
Time						
08:30	Opening Ceremony					
08:50	Key Note 1 Professor David C. Caple, the President of IEA : <i>Ergonomics is a global lifestyle; where do we want to improve in the future?</i>					
09:20	NES Conference Price					
09:40	Coffee Break and Posters					
Session	A1 Workshop – What is Ergonomics?	B1 Physical Workload	C1 Light Manual Work Fatigue & Performance	D1 The Fundamentals for Well-Being at Work	E1 Occupational Health & Safety	F1 Risk Assessment at Work
Room						
Chair	Kai Olsen and Knut Inge Fostervold		Michiel Looze and Tim Bosch			
10:00		Load and risk profile and profile bank for analyzing and optimizing stress and strain due to physical work <i>Veikko Louhevaara, FIN.</i>	Manifestations of fatigue during static and dynamic assembly tasks <i>Bosch Tim, NL</i>	Pictures of prevention <i>Jens Voxtrup, DEN</i>	Low-level sustained accommodative/ vengeance loads, eyestrain and trapetzius muscle activity <i>Hans Richter, SWE</i>	Integrating occupational health and safety to operational risks management: a significant challenge and organizational lifestyle <i>Sylvie Nadeau, CAN</i>
10:20		Musculoskeletal discomfort during VDU tasks; input for a smart office chair <i>Commissaris, Dianne ACM NL</i>	Physical demand and reported illness among dentists <i>Rolander B, SWE</i>	Autonomy among academic employees. Freedom or chain? <i>Guðbjörg L Rafnsdóttir, ICE</i>	The effectiveness or ineffectiveness of the Icelandic legislation on child work <i>Margrét Einarsdóttir, ICE</i>	The development of a practical method for risk assessment of manual work – the 'HAT-tool' <i>Heleen de Kraker, NL</i>
10:40		The physical work load in Finland based on The Finish National Work and Health Survey <i>Merja Perkiö-Mäkelä, FIN</i>	Mechanical exposure levels and duration of value-adding versus non- value adding task among general practice dentists in Sweden <i>Jonker D, SWE</i>	Occupation and Cancer in the Nordic Countries <i>Holmfríður K Gunnarsd, ICE</i>	Experiences from a safety promotion competition in forest and steel industry <i>Janne Sinisammal, FIN</i>	The application of an ergonomic screening tool (AAWS) to support design engineers in product and process development <i>Dr. Schaub, GER</i>
11:00		Exposure to whole-body vibration in heavy construction work <i>Monika Oldervoll Fosse, NOR</i>	Wireless EMG – biofeedback in situ amongst midwives sonographers <i>Einar Einarsson, ICE</i>	What individual-level factors at work and leisure-time predict sleep-time recovery of autonomic nervous system <i>Susanna Järvelin, FIN</i>	PTAI: Observation instrument for assessing work load during patient transfer tasks <i>Kati Karhula, FIN</i>	Job mismatching, unequal opportunities and long-term sickness absence in female white-collar workers in Sweden <i>Hélène Sandmark, SWE</i>
11:20		Systematic errors in posture percentiles assessed from limited exposure samples <i>Svend Erik Mathiassen, SWE</i>	Test retest reliability and concurrent validity of a questionnaire on the ergonomic aspects of the computer workstation <i>E.M.Speklé, NL</i>	Self-assessed body mass index of occupational groups in Iceland <i>Holmfríður K Gunnarsd, ICE</i>	An EMG study of lower extremity during stair climbing in a simulated flood evacuation <i>Kentaro Kotani, JAP</i>	A video-assisted analysis of the work phases related to loading a truck in a terminal <i>Arto Reiman, FIN</i>
11:40				Systematic review of explicit and implicit educational theories underpinning preventive ergonomic and working environment interventions <i>Katarina Wijk, SWE</i>	Practical Approach of Preventing Work-related Musculoskeletal Disorder in Food Manufacture industrys <i>Wook Kim, KOREA</i>	Physical capabilities and workload for pushing and pulling trolleys aboard aircrafts <i>Schaub Karlheinz, GER</i>

12:00	Lunch Monday, August 11th					
13:00	Key Note 2 Prof. Mikael Sallinen, Finnish Institute of Occupational Health: <i>How to avoid fatigue and improve occupational safety in a 24 hour society</i>					
Session	A2 Workshop - The Nordic Ergonomics in the future	B2 Physical Work-place Environment & Health	C2 Ergonomics & the Disabled	D2 Physical Workplace. Environment & Health	E2 Occupational Health & Safety	F2 Workshop- Risk assessment of MSD at workplaces
Room						
Chair	Edvin Grindslev					Leifur Gústafsson
13:30		Application of the Government Decision on VDU equipment and the effects of the Decision in Finnish workplaces <i>Ketola Ritva, FIN</i>	Design for All and Assistive Technology: An ICT Standardization program <i>Adam Balfour, NOR</i>	From ergonomist towards Workspace Designer <i>Rikke Seim, DEN</i>	Vocal symptoms identified by teachers , pupils , and ancillary staff related to experiences room acoustics an humidity of air <i>Valdís I. Jónsdóttir, ICE</i>	Authority strategy for preventing of musculoskeletal disorders related to heavy lifting. <i>Vibeke Andersen</i>
13:50		Livestock Workers´ Perception of their Work Environment and Health <i>Christina Kolstrup, SWE</i>	Human echolocation: The relative importance of pitch and loudness <i>Bo N Schenkman, SWE</i>	Health promotion and occupational health in day care centres <i>Ágústa Guðmarsdóttir, ICE</i>	Counselling and Support Team for employees in Iceland's university hospital <i>Svava Þorkelsdóttir, ICE</i>	Intensified inspection in the area of health care <i>Anne Hoffmann</i>
14:10		Work environment at state-of-the-art recycling centres <i>Inga Engkvist, SWE</i>	Kinematical data for disabled workstation design <i>Francesco Draicchio, IT</i>	The implementation of lean: Lost in translation? <i>Jostein Pettersen, SWE</i>	Reported occupational accidents by nationality <i>Þórdís Rún Þórisdóttir, ICE</i>	Prevention of Musculoskeletal disorders, A presentation of New Strategies <i>Harald Gran</i>
14:30		Why has the prevalence of musculoskeletal disorders increased among Swedish dairy farmers? <i>Stefan Pinzke, SWE</i>	Work rehabilitation based on consumer research and collaboration <i>Elín E. Ásmundsdóttir, ICE</i>	Priorities of the Nordic Voice Ergonomic Group in the battle for Better Listening /speaking Conditions <i>Valdís I. Jónsdóttir, IC</i>	Do fixed-term workers have a higher injury rate? <i>Simo Salminen, FIN</i>	Inspection in the construction sector and at work in peoples homes and retrial <i>Ruth Carlsson</i>
14:50						
15:10		The Workspace Design approach: How users and OHS consultants can transform design scripts <i>Ole Broberg ,DEN</i>	Optergo -Workshop <i>Per Johan Petterson, SWE</i>	Working with horses: an OWAS and biomechanical work task analysis <i>Lotta Löfqvist, SWE</i>	Young workers in the construction industry and risk for musculoskeletal complaints – a qualitative study <i>Kari Anne Holte, NOR</i>	Workshop: Introduction and practical training in the use of inspection tools for risk assessment of MSD at workplaces
15:30		Optimizing the workstation of Jewelling in jeweller workshop <i>Zahra Tashakorinia, IRAN</i>	""	Developing a systems view of meat cutters' problematic work situation <i>Johan Karlton, SWE</i>	Manual Handling Animation Case Studies on the Web: An Irish Innovation <i>Frank Power, IREL</i>	
15:50		Future Inquiry: participatory ergonomics at work <i>Verna Blewett, AUSTRALIA</i>	""		Preventive measures to promote safety in construction projects <i>Þórunn Sveinsdóttir, ICE</i>	
18:00	Reception - Hellisheidi Geothermal Plant					

Tuesday, August 12th

08:30	Key Note 3, prof. Halimahtun M. Kalid, Danai Sciences Sdn, Bhd Kuala Lumpur, Malaysia; <i>Affective Design as Ergonomics Lifestyle</i>					
09:00	Key Note 4, Haukur Ingi Jónasson, Assistant Prof. Dep. of Engineering in The University of Iceland; <i>Uncanny or Homy - Introduction to a New Practical Paradigm for Ergonomics</i>					
09:30	Music and movement					
10:00	Coffee break and posters					
Session	A3 Cognitive Ergonomics	B3 Physical workplace Environment and Health	C3 Design & Usability	D3 Health Care Work Environment	E3 Visual Ergonomics	F3 Workshop Ergonomics in Schools In the Nordic Countries
Chair					Per Nylen	Stephen Legg
Room						
10:40	Model-Based Usability Assessment of Interactive Applications in Surgical Work Systems <i>Armin Janss, GER</i>	European regulations and standards - an opportunity for promoting ergonomic workplace design <i>Martti Launis, FIN</i>	Untangling the mess – A redesign of a technical environment for a telecommunication company call centre <i>Margrét D.Ragnarsd, ICE</i>	Studying the work of nurses: Developing a method to identify interruptions and operational failures in the work of nurses <i>Helga Bragadóttir, ICE</i>	<i>The Visual Ergonomics Network annual meeting</i>	
11:00	Information Presentation in Manual Assembly – A Cognitive Ergonomics Analysis <i>Peter Thorvald, SWE</i>	Improving collaboration between R&D and Manufacturing <i>Andreas Bolling, SWE</i>	Supporting shared awareness in industrial settings with multimodal collaboration tools <i>Petri Mannonen, FIN</i>	Burnout among nurses in acute inpatient surgical and medical wards: Nurses ideas on how to improve their own psycho-social work environment <i>Anna G. Gunnarsdóttir, ICE</i>	Interaction between eye and shoulder/neck, an anatomic review <i>Nyström et al</i>	
11:20	Knowledge intermediaries and experience knowledge management in maintenance service work <i>Heljä Franssila, FIN</i>	Intervention in Customer Centres through Benchmarking and Network <i>Inger-Marie Wiegman, DEN</i>	Ergonomics Design using Densa <i>Martin G. Helander, SINGAP</i>	Understanding work ability: Perceptions and experi-ences of female assistant nurses in elder care <i>Hélène Sandmark, SWE</i>	Interaction between eye and shoulder/neck, lab study <i>Hans Richter, SWE</i>	
11:40	The Psychological Stress Perspective – A unifying view of accessibility in public transport and beyond <i>Keith Case, UK</i>	Lean and psychosocial aspects of work <i>Per Langaa Jensen, DEN</i>	Early user involvement in designing intelligent products and environments <i>Kuijt-Evers, Lottie, NL</i>	Interruptions and operational failures in the work of nurses <i>Helga Bragadóttir, ICE</i>	Can visual discomfort influence on muscle pain for visual display unit workers <i>Aarås A et al. NOR</i>	

12:00	Tuesday, August 12 th					
Session	A4 Human Resource Management	B4 Digital Human Modelling & Ergonomics Evaluations	C4 Design and Usability	D4 Health Care Work Environment	E4 Visual Ergonomics	F4 Physical Workplace Environment & Health
Chair		Chalmers			Per Nylén	
Room						
13:00	Interactive research for production and work development <i>Jörgen Eklund, SWE</i>	Virtual Ergonomics Centre- A research for digital human simulation and ergonomics <i>Roland Örtengren, SWE</i>	Ergonomics and Rules for the Furniture Design <i>Denise Lamounier Chaves, BRAZ</i>	Job risk assessment for nurse managers in Iceland's major university hospital <i>Svava Þorkelsdóttir, ICE</i>	State of reflection Among young VDU-workers a preliminary report from two lab-studies <i>Horgen et. al.</i>	Improved working conditions and health for cleaners – the Sundsvall approach <i>Christina Östman and Anna Kerschbaumer, SWE</i>
13:20	Analysis of Training Needs for Workplace Health Promotion <i>Ása G. Ásgeirsdóttir, ICE</i>	National Standard vs. Corporate-Internal Ergonomics Evaluation – an Industrial Case Study <i>Cecilia Berlin, SWE</i>	Design of ergonomic school furniture <i>Gustavo Adolto, SPAIN</i>	Addressing work-relatedness of forearm pain in evidence based guidelines for primary care providers: a New Zealand example <i>Kirsten-Bendix Olsen, NZ</i>	Reduced eye blinking while performing visually demanding vdu-work. Does it matter, and what can be done? <i>Helland M et. al. NOR</i>	Evaluation of muscular activity while mopping on two different types of floor <i>Rupesh Kumar, SWE</i>
13:40	Interactive research promoting a systems perspective in improving the work situation of 15,000 postmen <i>Jörgen Eklund, SWE</i>	The influence of assembly ergonomics on product quality and productivity in car manufacturing- a cost benefit approach <i>Ann-Christina Falck, SWE</i>	Evaluation of tasks and postures of a sailing yacht tailer <i>Di Bucchianico, Giuseppe, ITA</i>	Comparison of risk assessment tools of patient handling <i>Leena Tamminen, FIN</i>	All participants Discussion	Physical load in cleaning work – a review of strenuous work tasks <i>Göran Hägg, SWE</i>
14:00	Working conditions and job satisfaction as antecedents of workplace constancy and well-being in retail <i>Bettina Lampert, AUSTR</i>	Representing the Elderly in Digital Human Modelling <i>Dan Högberg, SWE</i>	<i>Steeling Wheel for Female Consumers</i> <i>Almeida Jr. Gilberto, BRAZ</i>	Patient falls in the Tuscany Regional Healthcare Service: an evaluation of the hospital environmental hazards <i>Bellandi Tommaso, IT</i>	Visual ergonomics in two school divisions with different lighting <i>Albinsson et.al.</i>	Muscular activity during staircase cleaning while using an easily adjustable and non-adjustable mop stick <i>Rupesh Kumar, SWE</i>
14:20	Work ability among senior workers (50+) in a construction company <i>Einar Jebens, NOR</i>	Visualization of Comfort and Reach in Cab Environment <i>Lundström, SWE</i>		Knowledge-based OR table positioning assistant - an approach towards ergonomic support for orthopaedic interventions <i>Lauer, Wolfgang GER</i>	Conspicuity index – looking for a possible objective measurement of visibility taking context into account <i>Tomas Porathe, SWE</i>	
14:40	In health care, less quick returns mean greater well-being <i>Tarja Hakola, FIN</i>	A biomechanical analysis of the effect of pedal width on the thigh muscle activity during a cyclist's pedaling motion <i>Sjöstedt, SWE</i>		Safety and Health for elderly People through Conversation <i>O. Grundell, SWE</i>	Eye-movements and complex video <i>Amund Berg, Frode Volden and Rune Hjelsvold, NOR</i>	

Tuesday, August 12 th						
15:00	Coffee break and Posters Lunch					
Session	A5 Human resource management	B5 Digital Human Modelling & Ergonomics Evaluations	C5 NES Student Award Session		E5 Visual Ergonomics	F5 Human – Machine and Computer Interaction
Chair					Magne Helland	
Room						
15:30	Suggestion Systems and the related cultural and management issues <i>Linda K.Sveinsdóttir, SWE</i>	Ergonomic Assessment of the Driving Cabs of Railway Vehicles <i>Summerskill, UK</i>	Denmark Perceived features of environment and equipment related to wellbeing in mobile work, <i>Nina Thye, DEN</i>		Comparison of visual ergonomics on CRT- and LCD-screens <i>Nylén et.al. SWE</i>	The impact of information presentation on work environment and product quality: case study <i>Gunnar Bäckstrand, SWE</i>
15:50	Cost-effectiveness of ergonomic interventions in production <i>Michiel de Looze, NL</i>	Digital Human Modelling for Virtual Fitting Trials <i>Keith Case, UK</i>	Finland Perceived features of environment and equipment related to wellbeing in mobile work <i>Johanna Koroma, FIN</i>		Demonstration; Deficient sharpness on LCD-display due to incorrect software adjustment	Human Factors: The barrier to implementing Real Time Field Management <i>Adam Balfour, NOR</i>
16:10	A Tool for Guiding SME's in the Task of Fostering Social Responsibility and Innovation <i>Karl Fridriksson, ICE</i>		Iceland Women on disability pension in Iceland <i>Ásta Snorradóttir, ICE</i>		The role of the visual system in regulation of melatonin and its effect on arousal level and psychological health <i>Per Nylén, SWE</i>	The Development of Luminance Uniformity Measurement for CNT-BLU Based on Human Visual Perception <i>Yueh-Hua Lee, TAIWAN</i>
16:30	Interventions in human service work in order to improve psycho-social working environment <i>Hans Jörgen Limborg, DEN</i>		Norway <i>Hanna Johansson NOR</i> Sweden Kvalitativt badande för människor med demens <i>Hanna Johansson och Karl Lindqvist, SWE</i>		All participants from the session: Discussions	
17:00	NES Annual Meeting					
19:30	Conference Dinner at Perlan					

Wednesday, August 13th

09:00	Key Note 5; prof. Karen Jacobs Ed.D., OTR/L, CPE, FAOTA, from Boston University; <i>Goldilock and the ergonomics of the bear's chairs – research on ergonomics issues with children, youths and students</i>
09:35	Key Note 6; Svafa Grönfeld, president of The University of Reykjavik; <i>How to make 2 + 2 = 5. The case of the Open University</i>
10:10	NES Student Award
10:30	Coffee break and posters
11:00	Music and movement
11:30	Closing Ceremony: Speaker; Tom Steward, president of the English Ergonomics Society
12:00 - 13:30	Lunch