



International Ergonomics Association
Technical Committee on Musculoskeletal Disorders

IEA TC on MSD Plans for IEA 06 Conference (July 2006) (by Enrico Occhipinti)

This report includes updated (at 20 th July 2005) information about the activities of IEA TC on MSD for IEA 06 Conference in Maastricht (see web site <http://www.iea2006.org/>).

All persons involved should check name and title of presentation (they can obviously modified at Authors' convenience) and then submit individual abstracts, according to instructions given in the web site, within scheduled time (1 october 2005).

Abstracts for Papers presented within symposium no. 9 "Prevention of WMSD" chaired by Enrico Occhipinti (all sessions) should be referred by the key-word :

Keyword: work related musculoskeletal disorders

Authors are kindly requested to e-mail a copy of abstract also to Enrico Occhipinti (epmenrico@tiscali.it.)

Abstracts for the 3 special (interactive) sessions should be sent to the conference organizers by the session moderators (Colombini (2) and Garg).

PROGRAM DETAILS

INDEX

A) KEYNOTE

B) SYMPOSIUM No. 9 “ PREVENTION OF WORK-RELATED MUSCULOSKELETAL DISORDERS”:

- 1) Advanced experiences of ergonomic intervention for UL WMSDs prevention in large manufacturing companies.
- 2) WMSDs prevention and international standards.
- 3) Prevention of WMSDs in the fishing sector.
- 4) Prevention of WMSDs in agriculture with special focus on viticulture.
- 5) Prevention of WMSDs in the building sector.
- 6) Advanced experiences of WMSDs prevention in computer workers.

C) SPECIAL (INTERACTIVE) SESSIONS

- 1) Risk assessment and management of WMSDs: applicative tools and software.
- 2) Mini course on "The application of OCRA methods".
- 3) The Strain Index: a method for analyzing DUE Jobs.

D) COLLABORATION TO SYMPOSIUM No. 6 “HEALTH CARE ERGONOMICS AND PATIENT SAFETY” (Patient handling).

A) KEY-NOTE

Prof. Daniela Colombini (Research Unit Ergonomics of Posture and Movement (EPM), Milano, Italy):

UL WMSDs prevention: from experiences of job (re) design to actual trends in standardization.

B) SYMPOSIUM No. 9

TITLE:	PREVENTION OF WMSD
Themes:	Experiences of ergonomic interventions for WMSDs prevention.
Sessions:	<ol style="list-style-type: none">1. Advanced experiences of ergonomic intervention for UL WMSDs prevention in large manufacturing companies.2. WMSDs prevention and international standards.3. Prevention of WMSDs in the fishing sector.4. Prevention of WMSDs in agriculture with special focus on viticulture.5. Prevention of WMSDs in the building sector.6. Advanced experiences of WMSDs prevention in computer workers.
General Contact:	Enrico Occhipinti
Keyword:	work related musculoskeletal disorders

Session 1 : Advanced experiences of ergonomic intervention for UL WMSDs prevention in large manufacturing companies

COMPANY	PRODUCTION	AUTHORS	TITLE / CONTENT
Electrolux	Appliances and equipment for kitchen, cleaning and outdoor use	PLACCI M., POLZOT R., CONCINI C. carlo.concini@electrolux.it	ELECTROLUX EXPERIENCES IN MANAGEMENT AND PREVENCTION OF UPPER LIMB MUSCULOSKELETAL DISORDERS.
Natuzzi	Furnitures (sofa)	CARTA E., ecarta@natuzzi.com	ERGONOMIC SOLUTIONS IN FURNITURE (SOFA) PRODUCTION
NHS-Service for occupational health	Sofa	NICOLETTI S., CARINO M., DI LEONE G., TRANI G., BATTEVI N., COLOMBINI D., OCCHIPINTI E. Spesal.AUSLBA3@libero.it	PREVENTION OF WORK-RELATED UPPER LIMB MUSCULOSKELETAL DISORDERS IN THE UPHOLSTERED FURNITURE INDUSTRY
Amadori	Poultry processing	CERIONI M., RINALDINI I., FOSCHI F. Federico.foschi@amadori.it Italo.rinaldini@amadori.it	ERGONOMIC SOLUTIONS IN POULTRY SLAUGHTERING
ITT-Galfer	Brake pads	DUTTO F. Franco.Dutto@itt.com	FIRST EXPERIENCE WITHIN ITT GROUP REGARDING MANAGEMENT AND PREVENTION OF UPPER LIMB MUSCULOSKELETAL DISORDERS WITH THE OCRA METHOD.
Brieda	Cabins for ground-movement machines	BRIEDA S. brieda@briedacabins.com	RESULTS OF AN ERGONOMIC RE-DESIGN OF A CONTROL STATION FOR CONTAINERS CRANE FOR PREVENTION OF MUSCULOSKELETAL DISORDERS DURING CONTAINER HANDLING IN HARBOURS.
Mango	Clothing	SUSANA RUBIOL VILALTA SusanaRV0@blanguerna.url.edu	MANGO: ERGONOMIC APPLICATIONS IN TEXTILE SECTOR
Kao	Chemicals	Refer to D.Colombini epmdaniela@tiscali.it	To be defined
Seat	Automobile	Refer to D.Colombini epmdaniela@tiscali.it	To be defined
Opel Adam	Automobile	K.H. SCHAUB Schaub@iad.tu-darmstadt.de	AAWS or NPW

Session 2 : WMSDs prevention and international standards

Presentations:

- a) Overview of ISO and CEN standards involved in WMSDs prevention (A. Ringelberg)
- b) Standards on manual materials handling (K.H. Schaub)
- c) Standards on working postures (N. Delleman)
- d) Standards on use of manual force (P. Shaefer)
- e) Standards on repetitive actions at high frequency (E. Occhipinti)

Session 3 : Prevention of WMSDs in the fishing sector

COMPANY	AUTHORS	TITLE/ CONTENT
ISPESL ROMA	DE MERICH D. diego.demerich@ispesl.it	MDS MANAGEMENT IN FISHING- INTERNATIONAL VIEW AND ITALIAN SITUATION. ISPESL PROJECT IN THE FISHING SECTOR.
ASUR zona 7 MARCHE, EPM MILANO	COLOMBINI D., RUSCHIONI A., MAURIZIA G. ruschionia@asurzona7.marche.it	MUSCULOSKELETAL OVERLOAD EVALUATION IN DIFFERENT KINDS OF FISHING IN ADRIATIC SEA: JOB ANALYSIS AND RISK EVALUATION WITH NIOSH FORMULA FOR MANUAL MATERIAL HANDLING AND OCRA INDEX FOR UPPER LIMB REPETITIVE MOVEMENTS.
ISPESL ROMA	G.CAMPO, LEVA A. giuseppe.campo@ispesl.it antonio.leva@ispesl.it	INFORMATION FLOWS ON INJURIES AND PROFESSIONAL DISEASES IN THE FISHING SECTOR: ANALYSIS OF INJURY REPORTS AS A TOOL FOR PLANNING PREVENTIVE ACTIONS.
ROMAGNOLI, ASUR zona 7 MARCHE, EPM MILANO	ROMAGNOLI, COLOMBINI D., RUSCHIONI A., MAURIZIA G. p.romagnoli@ismar.cnr.it	FIRST EXPERIENCE IN ERGONOMIC DESIGN OF A NEW FISHING BOAT FOR REDUCING MUSCULOSKELETAL OVERLOAD
DIPARTIMENTO DI ENERGETICA UNIVERSITA' POLITECNICA DELLE MARCHE	POETA Paolo. Cmtsrl3@virgilio.it	RESULTS OF THE RESEARCH "STUDY AND PROJECT FOR HEALTH PROTECTION ON FISHING VESSEL"
ISPESL ROMA	PELLICCI M. mauro.pellicci@ispesl.it	TRAINING METHODS AND TOOLS: THE ISPESL "TRAINING PACKAGE" FOR FISHERY WORKERS.
ACHS INSTITUTE	V. CORDOVA vcordova@achs.cl	TASK AND TOOL REDESIGN IN SALMON PROCESSING

Session 4 : Prevention of WMSDs in agriculture with special focus on viticulture

COMPANY	AUTHORS	TITLE/ CONTENT
UNIVERSITY OF CALIFORNIA, National Institute for Occupational Safety and Health	FAUCETT J., MEYERS J., MILES I., JANOWITZ I., FATHALLAH F. julia.faucett@nursing.ucsf.edu	BRIEF REST BREAKS TO REDUCE MUSCULOSKELETAL SYMPTOMS IN STOOP LABOR
UNIVERSITY OF CALIFORNIA, National Institute for Occupational Safety and Health	FAUCETT J., MEYERS J., MILES I., JANOWITZ I., FATHALLAH F. julia.faucett@nursing.ucsf.edu	REDUCTION OF WORK-RELATED MUSCULOSKELETAL SYMPTOMS IN AGRICULTURE THROUGH JOB MODIFICATION
UNIVERSITY OF SIENA Institute for Occupational Safety and Health	MONTOMOLI LORETTA, SARTORELLI PIETRO, sartorelli@unisi.it	TASK ANALYSIS AND RISK ASSESSMENT OF WORK RELATED MUSCULO-SKELETAL DISORDERS IN FARMING: VINE AND OLIVE GROWING
Others?		FROM GENERAL CALL FOR PAPERS

Session 5 : Prevention of WMSDs in the building sector

It will be organized in collaboration with IEA TC on Building (chair: H. van der Molen; vandermolen@arbouw.nl) on the basis of free submitted abstracts.

Session 6 : Advanced experiences of prevention of WMSDs in computer workers

It is promoted by J. Sluiter (j.sluiter@amc.uva.nl) and M. Frings-Dresen (m.frings@amc.uva.nl).

It's their responsibility to stimulate the submission of already solicited contributions (abstracts) as well as to review (for the TC) free submitted abstracts.

Key words: WMSD and computerwork.

C) SPECIAL (INTERACTIVE) SESSIONS

1. Risk assessment and management of WMSDs: applicative tools and software.

Moderator: Daniela Colombini, epmdaniela@tiscali.it

Presentations:

- **MTM ERGO by K.H. Schaub**
- **OCRA MIDA by Colombini,Fanti, Occhipinti**
- **SI (Strain index) WIN by Garg and Moore**

2. Mini course on "The application of OCRA methods".

Moderator: Daniela Colombini, epmdaniela@tiscali.it

Presentations by Colombini and Occhipinti

3. The Strain Index: a method for analyzing DUE Jobs.

Moderator: Arun Garg, run@uwm.edu .

Presentations by Garg and Moore

D) COLLABORATION TO SYMPOSIUM N. 6 “HEALTH CARE ERGONOMICS AND PATIENT SAFETY” (Patient handling).

This symposium is chaired by Sue Hignett (S.M.Hignett@lboro.ac.uk).

In the symposium one or more sessions will be devoted to aspects related to “Patient handling and low-back pain prevention”. Presentations by the EPPHE (European Panel on Patient Handling Ergonomics which is a working group promoted by IEA TCs on MSD and on Hospital Ergonomics) are planned.

Abstracts in this field welcome (the keyword should be *health care ergonomics*).

At the moment 2 presentations have been proposed by the EPM-Milan group (N. Battevi; O. Menoni):

- *MAPO index: ten years after - analysis and proposals.*
- *Selection criteria of ergonomic aids*