



**ICOH 2006-2008 TRIENNIUM
MIDTERM SCIENTIFIC COMMITTEE REPORT**

**MIDTERM REPORT
Covering June 2006 – October 2007**

Note: We are using an identical format for the SC Midterm and Final Reports. Each covers a specified timeframe. **The SC Midterm Report covers June 2006 – October 31, 2007. Please return it no later than December 1, 2007 to:**

Vice President Marilyn Fingerhut mfingerhut@cdc.gov and
Secretary General Sergio Iavicoli sergio.iavicoli@ispesl.it

The SC Midterm Report will be maintained on the ICOH Scientific Committee Virtual Office at www.icohweb.org/scvo.

Submitted by Scientific Committee: Work and Vision
Date: Dec 1 2007

Chairman: Dino Pisaniello (Dept. Public Health, Adelaide, Australia) From year: 2006
Email address: dino.pisaniello@adelaide.edu.au

Secretary: Bruno Piccoli (Dept. Occupational Health, Milan, Italy) From year: 2006
Email address: bpiccoli@unimi.it

SC Website URL: http://users.unimi.it/workvis/icoh_sc.htm

Other SC Means of Communications: e-mails; also facsimile and phone calls; rarely mail.

Focus and aim of Scientific Committee:

To analyse and evaluate the relationships between work and visual performance in simple or complex working systems, by the use of established knowledge derived from bio-medical, technical and social disciplines. Aims are the prevention and management of discomfort and disease in order to obtain maximum efficiency and effectiveness of visual function.

**PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops
Midterm Report: June 2006-September 30, 2007**

Please note collaborations with other SCs, WHO, ILO and NGOs.

1) Business meeting:

Venue: Milan

Date: 13 June 2006

Number of attendees: 9

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>): 1 December 2007

2) Business meeting:

Venue: Vienna

Date: 20 April 2007

Number of attendees: 9

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.ichweb.org/scvo/>): 1 December 2007

3) Business meeting:

Venue:

Date:

Number of attendees:

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.ichweb.org/scvo/>):

Conferences, Seminars, Workshops, Courses, etc:

(please fill in the tables)

(1) Name of the event:	Visual Function and Work				
Type of event:	Conference	Seminar	Workshop	Course	Other
		x			
Date: June 7 th 2006					
Venue:	Fondazione CARIGE				
Organizers:	School of Occup. Health - Univ of Genoa				
Co-organizers and Collaborators: Please describe roles.	--				
Number of participants:	100				
Publication of proceedings:	no				
Book of abstracts:	no				
Book of selected proceedings:	no				
Special issue of peer reviewed journals:	no				
Assessment of success:	good				

(2) Name of the event:	Work and Vision in the Indoor Environment				
Type of event:	Conference	Seminar	Workshop	Course	Other
			x		
Date:	12 September 2007				
Organizers:	University of Adelaide and Mawson Institute of TAFE				

Co-organizers and Collaborators: Please describe roles.	A/Prof D Pisaniello and N. Samson. Provided an overview of factors influencing visual performance in indoor work environments. The workshop included demonstrations of equipment and a discussion of evaluation methods.
Number of participants:	20
Publication of proceedings:	--
Book of abstracts:	no
Book of selected proceedings:	no
Special issue of peer reviewed journals:	no
Assessment of success:	good

(3) Name of the event:	Visual and Posture Risks. Workshop on "Safety in Banks: risks and pathologies in banks operators".				
Type of event:	Conference	Seminar	Workshop	Course	Other
			x		
Date:	October 23 rd 2007				
Venue:	Sala Convegna FNSI - Rome				
Organizers:	Federaz. Autonoma Bancari Italiani (Banks Union)				
Co-organizers and Collaborators: Please describe roles.	FNSI (National Italian Press Federation). Contribution in managing the workshop and participating in the discussion.				
Number of participants:	70				
Publication of proceedings:	no				
Book of abstracts:	no				
Book of selected proceedings:	no				
Special issue of peer reviewed journals:	no				
Assessment of success:	good				

**PART II Midterm Report: SC Products and Collaborations June 2006 – September 30, 2007
Publications, Guidelines*, Position Papers*, etc**

Publications, Proceedings, Guidelines*, Position Papers*, etc. Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*. *Guidelines and Position Papers must be approved by the ICOH SC Vice Presidents, Secretary General and President.

- Piccoli B. and Troiano P.: VDU work and health - In: Guidelines for the qualification and ongoing education of occupational health doctors. Italian Society of Occupational Health and Industrial Hygiene Publisher, May 2006.
- Visual stress and performance using autostereoscopic displays. M. Menozzi, C. Kornfeld, A. Polti. In: Innovationen für Arbeit und Organisation, GfA Press Dortmund (Editor) 2006: 105-108
- Wolkoff P., Nojgaard J.K., Franck C., Skov P.: The modern office environment dessicates the eyes? Indoor Air 16: 258, 2006.
- M. Menozzi, E. Bergande, J. Bonan, P. Sury, H. Krueger. Minimum amount of time required to retrieve peripheral numeric information in augmented-reality systems using a colour sequential DLP display Displays, 2007: 28: 85-91.
- Assini R., Totaro B., Consonni D., Guzzi C., Troiano P., Dal Pozzo R., D'Orso M., Piccoli B.: Health surveillance in ergophthalmology: is the Ergovision Screener adequate and reliable? Proceedings of WWCS 2007 May 21st-24th 2007, Stockholm, Sweden. A. Toomingas, A. Lantz and T. Berns Ed. - page 120.
- M. Menozzi. Visual screening at VDU workplaces, (Sehtest an Bildschirmarbeitsplätze). Book chapter in: Lexicon of occupational science (Lexikon der Arbeitswissenschaft), Ergonomia Verlag, 2007
- Piccoli B., Chiodini A., Zambelli P., Consonni D., Bergamaschi A.: Visual effort evaluation in VDU bank operators. Proceedings of WWCS 2007 May 21st- 24th 2007, Stockholm Sweden A. Toomingas, A. Lantz and T. Berns Ed. - page 119.
- M. Menozzi, C. Carimalo. De la fatigue visuelle aux microfluctuations d'accommodation. Point de Vue, Oct. 2007

Cooperation with other Scientific Committees: (If cooperation in a Conference not listed above, provide title, dates, location and role of each SC. Provide relevant details of other collaborations with SCs.)

None

Participation and support to WHO – ILO meetings and or publications: (If cooperation in a Conference not listed above, provide title, dates, location and role of each. Provide relevant details of other collaborations with WHO and/or ILO.)

None

Cooperation with non-ICOH organizations: (If cooperation in a Conference not listed above, provide title, dates, location and role of each. Provide relevant details of collaborations other than conferences.)

Collaboration with SOI (Italian Society of Ophthalmology), via P. Troiano. The collaboration deals with (i) job-fit criteria for wearers of contact lenses workers (ii) guidance for ophthalmologists on the relationship between lacrimal film quality and asthenopia amongst office workers.

Any other points of relevance: Other Conferences

- Cerulli L., Piccoli B.: Indoor microbial pollution and ophthalmic infections: is there any occupational risk? ICOH 2006, June 11-16, Milan.
- Piccoli B., Zambelli P., Possenti M., Bergamaschi A.: Observation distance and task duration objective evaluation: an infrared-ultrasound equipment. ICOH 2006, June 11-16, Milan.
- Orsini S., Zambelli P., Troiano P., Fontani S., Grosso D., Piccoli B.: Blue light exposure: risk assessment evaluation in the retail sector. ICOH 2006, June 11-16, Milan,
- Troiano P., Guzzi C., Grosso D., Fontani S., Piccoli B.: Occupational blue light exposure and age related macular degeneration. ICOH 2006, June 11-16, Milan.
- Grosso D., Piccoli B., Forte M.G., Assini R., Apostoli P.: Ocular surface and gaseous chemical agents in offices. ICOH 2006, June 11-16, Milan.
- Di Loreto G., Assini R., Zambelli P. Corsa A., Campi S., Felicioli G., Bergamaschi A., Magrini A., Piccoli B.: Low vision and computer use at work. ICOH 2006, June 11-16, Milan.
- Menozzi M., Piccoli B.: Screening of stereo vision (stereopsis) in VDU users: a critical review. WWCS 2007 Stockholm (T1.3.2.3 Wednesday May 23, 13.30-15.00 Hall F2).
- M. Menozzi, P. Sury. Using information theory to optimise and rank visual user interfaces. Work With Computer Systems, Stockholm, May, 2007

PART III Midterm Report: SC PLANS for second half of Triennium and for ICOH 2009: October 1, 2007 – March 30, 2009

Planned business meetings, conferences, seminars: (provide title, location, date if possible)

Business meeting at ICOH 2009 (Cape Town)

Planned collaborative Activities with other ICOH Scientific Committees: (Provide Conference title, dates, location and role of each SC. Provide relevant details of other collaborations with SCs.)

Proposal for collaboration with the S.C. on Health Services Research and Evaluation in Occupational Health. Focus will be on “ergonomic health surveillance in VDU operators”.

Planned collaborative Activities with other (Non-ICOH) Organizations: (Provide Conference title, dates, location and role of the SC. Provide relevant details of collaborations other than conferences.)

Continuing the collaboration with the Technical Committee on Human Computer Interaction of the International Ergonomic Association (IEA/TC/HCI, chaired by T. Berns). A new collaboration is proposed with ISO TC 159 (Scientific Committee 4, chaired by T. Stewart) Ergonomics – Human/System Interactions. The collaborations will be specifically focussed on “ocular/visual aspects of VDU work”, in connection with the preparation of the new Consensus Document on "Visual Function and VDU Work".

Planned Publications, Position papers, etc.: (Provide title, authors, timeframe, publication, if known)

New Consensus Document on "Visual Function and VDU Work" (first draft to be discussed during the Business meeting at ICOH 2009, Cape Town).

Planned Scientific Contributions to ICOH 2009: (Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Any other points of relevance:

None

PART IV – Assessment of Success of SC and Impact on Global Occupational Health

We want to understand and share widely the value and impact of the work of the Scientific Committees on improving global occupational health. Please look back into the past and provide an assessment.

Midterm Report: Please assess the success of the SC and its influence in improving global occupational health as a result of the work *prior to* the current Triennium. Give examples where possible.

The Committee has brought together disparate disciplines (occupational medicine, engineering, ophthalmology, psychology, chemistry, etc.) to deliver a common understanding of terminology, assessment approaches and management strategies. For example, a new method of workplace photometry has been published in a leading occupational hygiene journal. This method provides a rational health-based approach to measuring light in the occupational visual field.

The Committee has produced a Consensus Document, emphasising the need to characterise individual characteristics, visual effort and environmental factors, and the potential interactions between them, in order to assess and manage visual disturbances and disease.

The Committee has representatives in many countries, and has been very active in South America.

PART V – Evaluation of this Midterm Report form.

This form is acceptable

This form should be changed. Please recommend changes.
