

WEAR newsletter Year 2007 No.2



This Newsletter appears in English, Japanese, French and Portuguese
Language of this newsletter: English

What is WEAR?

WEAR (world engineering anthropometry resource) is an international collaborative effort with the goal to contribute actively to the diffusion and the advancement of knowledge of anthropometry, ergonomics and human factors engineering for health, safety and well-being for all people.

One way this will be achieved is by the development and maintenance of an information system that would include not only the latest 3D surface anthropometric data from all over the world, but also traditional anthropometric data, fit and accommodation information, analytic and software tools, and guidance or intelligent agents for using the information effectively. The information system must be 1) accessible to many people at the same time and to many different types of users, 2) current, and accurate, providing the correct solution for the task at hand, 3) permit the user to acquire the correct information quickly, 4) include the full scope of engineering anthropometry information from traditional measurements to 3-D fit maps and 5) provide all this with as little effort for the user as possible.

Other ways to achieve the goal include:

- training courses,
- consultancy,
- projects,
- publications including checklists, articles, best practices, and references to standards,
- conferences,
- workshops.

The aim is to have WEAR ready at the IEA conference in Beijing in 2009 (www.iea2009.org).

Target group of this newsletter

This newsletter aims to inform all the people interested in applied anthropometry about the progress in the realisation of the strategic plan for WEAR.

IEA Adelaide Report

February 5-9 2007 the WEAR group met in Adelaide, South Australia (see website <http://www.sapro.com.au/wear/home.htm>). February 6, 2007 a symposium was organized in conjunction with the International Ergonomics Association (IEA), the human factors and ergonomics society of Australia (HFESA), the council of textile and fashion industries of Australia Limited and others. The WEAR members gave twelve presentations. The proceedings are available from the HFESA: ISBN 0-9586854-8-7 for the abstract book and ISBN 0-9586854-9-5 for the full paper CD.

Strategic plan

The strategic plan is finalized and will be available for download soon at the WEAR site (<http://ovrt.nist.gov/projects/wear>).

Legal body

It was decided to make Paris the site of the legal body of WEAR. The legal body allows money transactions. WEAR is a non-profit organization. The legal body will be presided by Dr. Kathleen Robinette with Prof. Regis Mollard as secretary officer and Prof. Hein Daanen as financial officer.

WEAR-partners

WEAR partners contribute to the WEAR project by donating data or tools. WEAR users may join in 2009 when the WEAR portal is finalized.

Advantages to Being a WEAR Partner

1. Partners will be invited to attend semi-annual partner status meetings during development. They will have a say in the content, output and structure of the system as it is developed so they will be able to ensure it meets their individual needs.
2. Corporate partner logos and websites will be advertised on the WEAR website and in the semi-annual WEAR newsletter to the anthropometry community. The newsletter provides status reports and worldwide anthropometry happenings.
3. Partners who also provide data, tools, or a node or hub will have WEAR users sent to their site, enabling partners to showcase their capabilities to clients, and in particular to the clients that would be most interested in the partner's information.
4. Gold level partners will receive free WEAR access for two years after it is developed.
5. Partners who have in-kind contributions of data, tools etc. may have their fees waived upon review.
6. WEAR being a non-profit organization the value of monetary or in-kind contributions may qualify for a tax deduction.

How Partners May Join

Individual members who just want to receive the newsletter can subscribe for free by registering with WEAR. Partner level members must also pay a fee.

There are four levels of partner membership (all fees are in US dollars):

- Individual memberships:
 - a. Regular: fee of \$1,000 per year for two years if joining by end of 2007 or \$2,500 one-time fee if joining in 2008 or later
 - b. Gold: fee of \$2,000 per year for two years if joining by end of 2007 or \$4,400 one-time fee if joining in 2008 or later. This includes a single waiver of the WEAR use fee for two years after development
- Corporate memberships:
 - a. Regular: fee of \$10,000 per year for two years if joining by end of 2007 or \$25,000 one-time fee if joining in 2008 or later. This provides for up to 5 individual memberships.
 - b. Gold: fee of \$20,000 per year for two years joining by end of 2007 or \$45,000 one-time fee if joining in 2008 or later. This provides for up to 10 individual memberships with waiver of the use fee for two years after WEAR development.

WEAR mission animated

The mission of WEAR is visualized in a 2-minute animation. This animation is downloadable from website www.youtube.com using keyword 'anthropometry'.

Database structure in WEAR and initial tool list

During the meeting in Adelaide agreement was reached on the format to exchange data for WEAR. XML-structures form the basis. An initial list of tools for processing of anthropometric data, including 3D scans, was drafted so that we can expand on this.

Relation with IEA

It was decided to propose to the International Ergonomics Association (www.iea.cc) to form a Technical committee on Anthropometry.

WEAR meeting Banff

The next WEAR meeting will be in Banff, Canada July 30 - August 2, 2007.



Advance Notice

WEAR Conference World Engineering Anthropometry Resource

**An international collaboration between researchers and users
of anthropometric databases for practical applications**

Banff, Canada, July 31 - August 1, 2007

**A 2-day conference to hear about the latest results from international experts
in measurements for design, including the following topics:**

**Full Body 3D digitizing and Modeling
Sizing and Statistical Analysis
Real-time Databases Access
Human Shape Searching and Morphing
Multivariate Accommodation Software
and
Virtual and Physical Mannequins**

For more information about WEAR go to <<http://ovrt.nist.gov/projects/wear>>

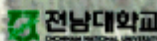
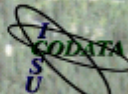


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