

WEAR Newsletter Report from Adelaide – February 2011



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.

Target group of this newsletter

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

WEAR Adelaide Report

February 14 to February 18, 2011 the WEAR group met in Adelaide (<http://www.sapmea.asn.au/conventions/wear2011/>).

February 15 was the WEAR conference. The program was:

February 16 - Conference

Time	Topic	Presenter
08:00-09:00	Registration	
09:00-10:30	Welcome to Country- WEAR Conference Welcome (Verna Blewett) Overview of the conference and workshop What's involved in planning a sizing survey? CAESAR example	Prof. Pal Ahluwalia, UniSA Pro-VC Kathleen Robinette & Hein Daanen
10:30- 11:00	Morning tea	
11:00-11:30	Standardisation for the purpose of the comparison of international data Introducing WEAR (AMI and ARIS)	Eric Ennis
11:30-12:00	Predicting the morphological evolution using WEAR Data Network	Regis Mollard
12:00-12:30	Tools for 3D Anthropometric Data	Chang Shu
12:30-13:30	Lunch	
13:30-14:00	Case study of training a digital human modelling system, Safework, using real human cases in the physical environment of a F-16 (Shortened version - full version for workshop)	Hein Daanen
14:00-14:30	Dutch Police Cars 2011	Johan Molenbroek
14:30-15:00	Help, I can't find the average woman!	Kathleen Robinette
15:00-15:30	Afternoon tea	

15:30-16:00	Apparel product development using innovative tools	Daisy Veitch and Barbara Davis
16:00-16:30	Clothing sizing for international markets	Regis Mollard
16:30-17:00	Well-being and emotional comfort according to morphological patterns: the "Sport-softness" project	Marion Wolff

February 16 and 17 were dedicated to a short course on Engineering Anthropometry. The program was:

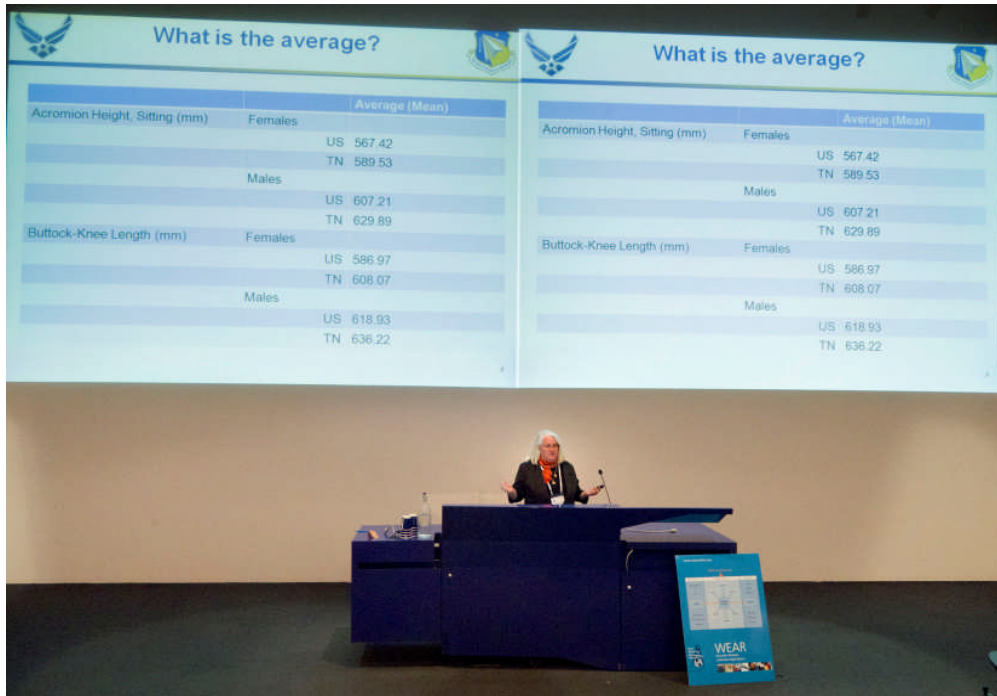
February 16 - Advanced Tools and Applications

Time	Topic	Presenter
09:00- 10:30	Using WEAR - AMI, ARIS and Ergodata demonstrations	All the presenters
10:30- 11:00	Morning tea	
11:00-11:30	Continued from previous time slot	
11:30-12:30	Fitmapping - glove exercise	Hein Daanen and Johan Molenbroek
12:30-13:30	Lunch	
13:30-15:30	An overview of DELMIA Digital Human Model	Jessica White
15:30-16:00	Afternoon tea	
16:00-17:00	Extended version of WPAFB “train your digital man model”	Hein Daanen
Time	Topic	Presenter
09:00- 10:30	Using WEAR - AMI, ARIS and Ergodata demonstrations	All the presenters
10:30- 11:00	Morning tea	
11:00-11:30	Continued from previous time slot	
11:30-12:30	Fitmapping - glove exercise	Hein Daanen and Johan Molenbroek
12:30-13:30	Lunch	

February 17 - Advanced Tools and Applications

Time	Topic	Presenter
09:00- 10:30	Polyworks	Paul Mayberry
10:30- 11:00	Morning tea	
11:00-12:30	Integrate	All the presenters
12:30-13:30	Lunch	
13:30-15:00	Tutorial: Statistical Shape Analysis	Chang Shu
15:00-15:30	Afternoon tea	
15:30-16:15	Generate results of Fitmapping exercise in excel from data collected on previous day	Hein Daanen
16:15-17:00	Q & A Session	All the presenters

There were 21 participants from the industry and 7 from academia.



Dr. Kathleen Robinette presenting at the WEAR Conference 2011



Group photo of some of the attendees at the WEAR Adelaide 2011 Workshop