

Anthropometry Conference and Workshop

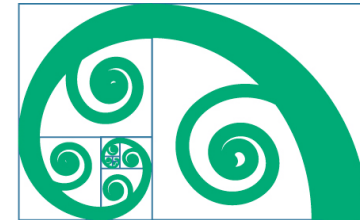
17-19 February 2010, Auckland, New Zealand

Preliminary programme

Wednesday, 17 February 2010

	Speaker	Topic
8.00am - 8.45am	Registration	
8.45am - 9.00am	Conference opening and welcome	
9.00am - 10.00am	Daisy Veitch & Kathleen Robinette	Keynote talk on anthropometry relating to apparel
10.00am - 10.30am	Morning Tea	
10.30am - 11.00am	Kathleen Robinette & Regis Mollard	WEAR database overview
11.00am - 11.30am	Eric Ennis	Anthropometric measurement interface: purpose, interface, and functionality
11.30am - 12.00pm	Marion Wolff & Regis Mollard	The use of anthropometric database system WEAR for morphotype analysis and sizing system adaptation for different world market apparel sportswear
12.00pm - 1.00pm	Lunch	
1.00pm - 1.30pm	Sharon Evans-Mikellis	Future forms - whole garment knitwear and the potential for new design thinking
1.30pm - 2.00pm	Kathleen Robinette	Regional differences in self-reported body dimensions
2.00pm - 2.30pm	Daisy Veitch	Where is human waist? Definitions, manual measurements compared to scanner measurements
2.30pm - 3.00pm	Afternoon tea	
3.00pm - 3.30pm	Daisy Veitch	Use of 3D body scan data for apparel product development
3.30pm - 4.00pm	Nawar Alwesh	Experiences with mobile scanning of bodies
4.00pm - 4.30pm	Johan Molenbroek	Secular trends of hands of Vietnamese immigrants in the Netherlands
4.30pm - 5.30pm	Wine and cheese welcome function	

Sponsors



**New Zealand Institute of
Mathematics & its Applications**



The Maurice & Phyllis Paykel Trust

Thursday, 18 February 2010

	Speaker	Topic
9.00am - 10.00am	Masaaki Mochimaru	Keynote talk on anthropometry relating to sport/shape analysis/digital human modelling
10.00am - 10.30am	Morning Tea	
10.30am - 11.00am	Natasha Schranz	Anthropometric determinants of elite rowing performance using 3D whole body scanning
11.00am - 11.30am	Grant Tomkinson	Secular changes in body dimensions of royal Australian air force aircrew
11.30am - 12.00pm	Katja Oberhofer	MRI-based modelling of the lower limbs to assess structural alterations due to cerebral palsy
12.00pm - 1.00pm	Lunch	
1.00pm - 1.30pm	Sarah Thompson	Body surface scanning and shape analysis of females
1.30pm - 2.00pm	Ju Zhang	Bicubic hermite finite element mesh as a shape descriptor for statistical shape analysis
2.00pm - 2.30pm	Masaaki Mochimaru & Makiko Kouchi	Homologous modeling and its applications
2.30pm - 3.00pm	Afternoon tea	
3.00pm - 3.30pm	Beat Schmutz	Fit analysis and optimisation of fracture fixation implants through computer modelling
3.30pm - 4.00pm	Vickie Shim	Effect of goodness of fit in the stability of osteosynthesis of acetabular fractures
7.00pm - 10.00pm	Conference dinner at Harbourside Restaurant Level 1, Ferry Building, 99 Quay Street	

Further information

For further information on the conference please contact:

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Conference Convenor WEAR 2010

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