

Move on Up School Experience

Arts and Entertainment

SCHOOL DEMONSTRATIONS: - 28th July 2011, circa 9:30 am til 3pm

Air Guitar



A key part of musical performance is to show freedom of movement with audio play. The Wearable Instrument Shirt [aka 'airguitar shirt'] combines a wearable sensor interface with software to map gestures and audio data files to form an easy-to-use gesture driven instrument that allows real-time interactive musical performances without any need for significant instrument or computer skills. The various design aspects of this device will be discussed and demonstrated by Mr Martin Lawrence a former Christian College student who studied the applicability of this technology for use by youths.

Bodily Extensions

Our body is so natural that it can slip out of our awareness. In our technologically oriented world it is easy to lose attentiveness to the body. It is common to think about design sitting on chairs at computers. Yet bringing focus to the concept of 'knowing bodies' and 'design as a bodily activity' can radically impact the way designers work. Ms Danielle Wilde, a Fine Arts PhD student at Monash University, will demonstrate and discuss various aspects of the design of bodily extensions.



Interactive Games

Contemporary lifestyle is becoming increasingly sedentary. Game design that leverages player engagement in order to motivate players into physical activity is becoming increasingly important. Dr Richard Helmer, Research Engineer at CSIRO, will demonstrate and discuss wearable control interfaces, game design considerations, and observations of physical game play.

Ford Design

From the Model T of yesteryear and Deakin's T2 of the future, the Centre takes you on a journey through the remarkable contribution of automotive technology and design that has helped shape our mobile lives today. Through the Australian History of a remarkable global company you will discover via a unique self guided interactive environment the designs, processes and innovation of the automotive industry that has helped generations meet the demands and challenges of business and society today and into the future.



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