

Università Iuav di Venezia  
Facoltà di design e arti  
Dottorato in scienze del design

## Robert Lederer

# Incorporating digital technology into traditional medical modeling practices

venerdì 15 maggio 2009, ore 15.00  
Venezia, ex convento delle Terese, aula E

Robert Lederer è professore associato di Design all'Università di Alberta, Canada, svolge ricerche nel campo del design medicale e insegna Human factors e Advanced industrial design practices.  
La conferenza si terrà in **inglese**.

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The talk will describe how digital information gathered in medical diagnostic practices has been used in an area that traditionally relied on manual medical sculpting techniques.

Systems and processes have been developed that have resulted in: improved surgical planning, elimination of surgeries, and improved accuracy of prosthetics for intraoral and extraoral patient cases. iRSM (Institute for Reconstructive Sciences in Medicine) has been set up specifically to develop and implement the uniqueness of these practices within Canada. As the only centre in Canada to provide these services, it has attracted many international medical facilities and practitioners to use these digital workflows in their own practice.