

20 years' academic experience in research and development. As an engineer the areas of responsibility included machine tools and manufacturing technologies. Ertu initially trained as a production engineer before taking a degree in Mechanical Engineering. After gaining a BSc as a mechanical engineer and completing an MSc in Engineering and Computer Programming he has worked as a Research Assistant and academic of Cukurova, Turkey. Ertu entered the product design industry in 1996 when he started working full time for Haltech at the Business Design CAD/CAM manager. Since joining the University of Huddersfield in 1999 Ertu has produced over 30 research publications.

Ertu trained as an engineer with

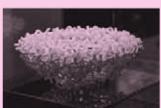
since leaving industry now has

10 years' industrial experience and

During this time his teaching has focused on new media technologies and supervision of both research including live projects with Rover, Nissan, Morgan, Jaquar, Bayer and DePuy on vehicle and product design and winning various awards. He is currently the CAD/CAM manufacturing and technology specialist for the 3D Digital Design MA, Product Design BA/BSc(Hons) and Transport Design BA(Hons)courses.



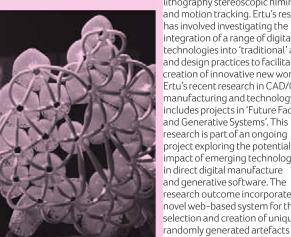
















Nordic Design Research Conference, Stockholm, 6th European Academy

of Design Conference, Bremen. Another aspect of Ertu's research

focuses on the development

of a 3D virtual world to support teaching and learning. This

project has involved evaluating different 3D virtual environments of the University of Huddersfield campus (and other locations) that virtually re-create new spaces for teaching and learning. He

found that virtual 3D worlds

provide an effective presentation

medium to support virtual group meetings. Although creating 3D environments is relatively easy,

designing and building interaction

with stereoscopic 3D and motion tracking is very challenging.

It is envisaged that future design

courses will be able to utilise the

interactive nature of this facility

to support the development of

teaching and learning core material.

To date this research has resulted

in the following research papers:

Design education: Developmental

interactive 3D online environment',

'Creating Virtual spaces for Art &

stages in making and testing an

European League of Institutes of the Arts (ELIA), Teachers'

Academy, University of Brighton

(2007); 'Educational Online 3D

Workshop Simulations', SimTecT (2009) Simulation Conference:

Simulation-Concepts, Capability

and Technology (SimTecT 2009);

Boundaries of Design, Business

& Technology', title: Mutating the

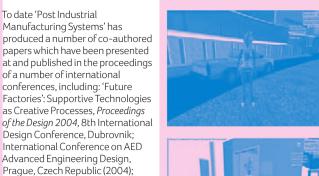
Realities in Fashion Design: virtual

Clothing for 3D Avatars.

International Foundation of Fashion

Technology Institutes (IFFTI) (2007) 'Extreme Fashion: Pushing the

multi-use characteristics and

















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