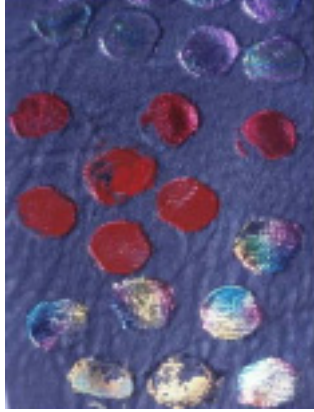


STOYEL Janet (UK)

Mind The Gap: Bridging the Divide Between Textiles, Technology, Fashion and Art – visual presentation



Polyurethane coated knitted cotton with Ultrasonic colour spots

Abstract: Investigation of high-tec processes for the manufacture of decorative materials for use in contemporary textile, fashion and art. Photon Laser and Ultrasound techniques explored via engineered substrates to create patinated colour, structural surfaces, repetitive pattern, etched detailing and modernistic construction possibilities.

Keywords: Photon Laser, Ultrasound, Ecological, Artistic criteria, Fashion/Art

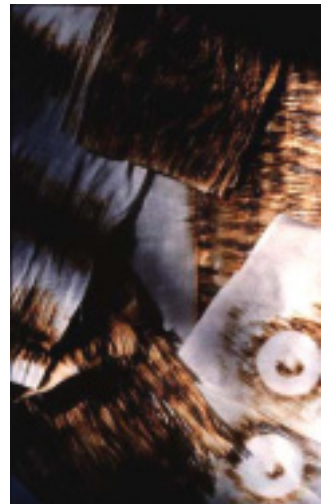
Periods of technological fetishisation, pertaining to new equipment, within the realms of textiles, fashion and art, are generally ephemeral and fleeting orgasmic experiences. In a competitive, fickle textile climate the contemporary emphasis seems firmly grounded in the disposable philosophy of, “here today and gone tomorrow”.

It would appear new technology, with its enormous creative power and endless design possibilities, is viewed by a technologically blind fashionista as a throwaway commodity, this attitude demands attention.

An investigation into the twin high-tec technologies of Photon Laser and Ultrasound for the creation of decorative, permanent effects on textile substrates, was initially driven by an artistic criteria, and the need to develop futuristic, long-term technological design solutions. Primary collaborations between two relevant industrial partners and a textile practitioner, demonstrated through a case study, will prove the necessity for this type of continual, long-term, interaction between technology and textiles.

'Taboo' Collection

Engineered medical substrate & Ultrasound patterning



Ecological, environmental and sustainability issues will be briefly explored in relation to chosen materials. The visual performance aesthetics underpinning personal design

ethics will be discussed and the unique properties of Laserlace R, Laseretch R and Sonicloth will be defined.

Details of unconventional construction methods using Laser and Ultrasound technology will be presented as alternative solutions relating to fashion, installation and interactive art pieces.

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My intention - To challenge conventional textile concepts through the marriage of materials and technology, to push and blur perceived boundaries within the textile medium, generating textiles which will beguile, intrigue and inspire both contemporary, and, future generations of textile enthusiasts.
