

Name (Cecilia Heffer)

Staff Reference: – 224

FTE: (1.0)

FOR: (1203)

Level: (B)

Status: (Full time employment)

Function: (Teaching and Research)

Customs House

(250 words in total)

Background

Digital Lace was presented as part of Sydney Esquisse 06 at Customs House in a group show by the UTS DATUM group. Research explored the possibilities of creating a contemporary lace print through Direct Digital Print Technology. It questions the use of computers as a means of abstracting craft and realising concepts in a virtual environment. The exploration is then re-presented in a printed form. The outcome was presented as part of a media wall during Sydney Design Esquisse an Art and Design Festival that around 70,000 Sydneysiders attend.

Contribution

The exploration of Digital Lace has been underpinned by the definition of textile digital imaging as “a pixel is just another representation of a stitch” (Bruce Carnie 2007). Lace is particularly suited to this reinterpretation. The repetitive nature of the way lace is built up and constructed can be compared to the way a digital image is created through pixels. Digital images like lace are composed of units built up upon each other to create either an image or a cloth.

Significance

The significance of this research is that by unravelling digital technology and analysing complex and structural properties of lace, we can synthesis this knowledge to create alternative ways to generate digital lace prints. The highly complex weaving machine, the Jacquard Loom, was the first known computer system. Jacquard weaving is known for its complex woven knitted, embroidered lace patterns and weaves. Digital Lace, the work, stands alone in its field in that it does not replicate original photographic lace images on cloth. It translates pixels as stitches and builds up an image on cloth, adding dimension and depth and giving the work a unique human quality.

SUPPORTING EVIDENCE

(Press, invitations, reviews, photographs of exhibitions /installations/artworks etc. Evidence of public exposure of work.)

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VOLUNTEERS

Big thanks to all our volunteers! If you want to become part of the Sydney Esquisse team in the years to come, get in touch with us. It's bloody hard work but a great experience and a lot of fun! Send your CV to volunteers@sydneyesquisse.org

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THURSDAY NIGHT LECTURE

ROUILLON
ARQUITECTURA,
NAA NORLE
LOKKO, IWAMOTO
SCOTT

Three international architects with very different backgrounds share their experiences as leaders in their field.

10 AUGUST, 6:00PM

University of Sydney, Faculty of Architecture, Lecture Theatre 1, Level 1, Wilkinson Building, 148 City Road, free entry.

IN FORM

A one-day symposium where speakers will discuss the knowledge and innovation that flows from design practice and investigate emerging models of practice-led design enquiry. The symposium will raise questions about the ways in which design can be conceived as a form of divergent discovery and experimental research, and learn how this can contribute to knowledge within the design professions.

Presented by the University of Technology Sydney (UTS) School of Design in association with the Powerhouse Museum, the Design Institute of Australia and the Australian Design Association (IDA).

10 AUGUST, 9:00AM-6:00PM

Powerhouse Museum, Target Theatre. Bookings essential. george.williams@uts.edu.au

DESIGN TRADE SHOWS GOOD FOR BUSINESS?

The NSW Department of State and Regional Development presents a practical and interactive seminar to boost the export performance of design companies. Through industry-specific case studies, find out how to prepare your business for participation in international trade shows and exhibitions, and make sales.

9 AUGUST, 9:30AM-12:00PM

Powerhouse Museum, Target Theatre. Bookings essential. 02 9338 6956 or frs@business.nsw.gov.au

IMAGES OF EXHIBITION / WORK

(ie. From the exhibition)



