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Industry Pioneers

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What is POSTextiles?

● 7 Designers:

    Ann-Kristin Abel
    Amy Congdon
    Natsai Chieza
    Jenny Lee
    Laura Martinez
    Miriam Ribul
    Marie Rouillon

● Central Saint Martins, MA Material Futures (Formerly MA Textile Futures).
● Future of Textiles.
Background

Textiles
Norwich School of Art and Design - UK

Fashion
AMD Akademie Mode and Design - Germany

Architecture
University of Edinburgh - Zimbabwe

Fashion
University of East London - Spain

Textiles
ENSAMA Olivier de Serres - France

Crafts
Nottingham Trent University - UK

Textiles
University of Arts and Industrial Design - Italy
Ethos and Research Fields

Ethos:

- Hybrid Practice.
- Inherent Codes of Textile Design.
- Social, ethical, political and environmental issues.

Research Fields:

- Science.
- Technology.
- Social.
- Anthropology.
- Materiology.
- Sustainability.
What do we do?

- Exhibitions and talks.
- Forecasting.
- Workshops.
- Bespoke commissions/industry collaborations.
Exhibitions

Ventura Berlin
London Design Festival
Birmingham Interiors
Mare di Moda, Cannes
Workshops
‘We provide interactive, tangible research on future material trends’
Industry Collaborations
POSTextiles
Research
Amy Congdon

PhD Student at Central Saint Martins
MA Material Futures acting 1st year Tutor

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'The project envisions a world where materials are not made; they are grown – where new luxury materials are fashioned from cells, not fabrics.'
Amy Congdon  ‘Materiality of the Body’ PhD Work

‘Exploring the crossover between textiles and tissue engineering, the project is working with bone and skin cells grown over textile scaffolds with the aim of creating biological textiles.’
‘DeCellular is a materials research project that explores the tissue culture technique of decellularization as a means to produce new materials.’
Natsai Chieza

TFRC Research Assistant
Researcher and Designer at Natsai Audrey Studio
‘Design explorations in the project have enabled us to develop a protocol that captures pigment secreted by bacteria to dye and print textiles.’
'It redefines the notion of the designer or craftsperson in a future where biological wetware becomes a collaborative material standard.'
Marie Rouillon

Trend and Colour Consultant at Global Color Research
Trend Stylist of Mix Magazine
Marie Rouillon  Jewellery Design and Stage Design for We Were Evergreen

‘Jewellery pieces and stage installations with a focus on materials, reflections, light and colour.’
Marie Rouillon

Master your 3D Pen by 3Dtotal

‘A book dedicated to help people use this brand new tool. Commissioned to create pieces and write tutorials explaining how to use the 3Doodler.’

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Miriam Ribul

TED Research Assistant - Mistra Sustainable Fashion Project
Independent Researcher and Designer
Co-Founder of vectors

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'A low tech approach to the democratisation of production. Common tools and ingredients are adapted in the pursuit to create alternative aesthetics and processes for materials and making.'
DeNAture is a physical coding system for a faster and more accurate identification of invisible material information.
Ann-Kristin Abel

Senior Researcher at FranklinTill Studio - Freelance
Independent Designer and Researcher
Co-Founder of Convivial Project
Co-Founder of vectors
Ann-Kristin Abel

BA Fashion Design - The Seldom Being

MA Textile Futures - New Human - Embodiment of the Unconscious Mind

Cultivated - Props and Styling for Viewpoint Commissioned by FranklinTill

‘I am looking at the intersection and the convergence of human nature and technology to probe a possible human future.’
Being faced with a challenging outlook on our environmental and economic future a new breed of designers begins to call into question traditional notions in design development and production processes.

On show were projects related to Resource Discovery Material Development Process Innovation.”
Ann-Kristin Abel  vectors - Design Beyond Making - Workshops

‘Nature’s Abandoned Treasure Chest by Lauren Davies’

‘De-Cellular by The Kitchen’  
(Amy Congdon & JJ Hastings)

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Ann-Kristin Abel  Thought Harvester

Cerebral Organoid: cross-section
Dr. Madeline A. Lancaster - IMBA
Institute of Molecular Biotechnology
Ann-Kristin Abel  Convivial Project - Generative Scarves

www.convivialproject.com | mail@convivialproject.com | @Convivial_prj
‘The Generative Scarves app, with its set of modifiable parameters enables the user to customise colours and patterns and create a unique print for an individual scarf.’
Laura Martinez

Material and Surface Research and Solutions
Specialized in Traditional Textile Craft and Digital Technologies
Expertise in 3D Printing for Textile Design

www.lauramartinez.co.uk | contact@lauramartinez.co.uk
Laura Martinez Material and Surface Research and Solutions

Bespoke material and surface design services for the fashion, art and textile industries

Tree Skin. Mylar Layering. Loop.pH

Tree Skin. Hair. Loop.pH

Multimaterial 3d priting. Wonderluk

www.lauramartinez.co.uk | contact@lauramartinez.co.uk
Luminous Lace at Kensington Palace
Textile development for Loop.pH
- Electroluminescent wire
  Process: Bobbin Lace

‘Let them eat cake’
Embroiderer for artist
Maurizio Anzeri
- Vintage Photographs and metallic thread
  Process: hand embroidery
What is 3D printing and why is it relevant for textile design?

- Possible advantages of 3D printing:
  - Less waste (manufacture on demand).
  - Localised production (fewer travel miles).
  - Allows for customization.
  - Reduced cost overhead.
  - Complex geometries.
  - Possibility of produce on-off.
Laura Martinez  3D Printing and Textile Design

What is 3d printing and why is it relevant for textile design?

- Can make free moving structures in one single built, changing the notion of textile from weave fiber, or knit.
- Zips and other elements can be incorporated on the design in one single process
- No seams. garments can be totally made to measure to a scanned body.
- Textiles can be manufactured tailored to specific applications (high performance textiles)
Laura Martinez  3D Printing and Textile Design

3d Printed Stole in collaboration with Wonderluk

www.lauramartinez.co.uk | contact@lauramartinez.co.uk
Laura Martinez  Digicrafted

Initial design
Pencil and ink drawing

3d modelling and print
Wired-framed render or 3d model

Final Design. Needlecraft
3d printed nylon with white feathers on sheer silk organza and silk twill

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‘Digicrafted looks into new possibilities for hybrid design combining 3d printing technologies with traditional textile craft’
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Jenny Lee

Decorative Arts at Nottingham Trent University
MA Textile Futures at Central Saint Martins
Designer at Studio Aikieu
Lecturer & Researcher at the University of Huddersfield

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'Living patterns begin to grow and emerge, triggered by physical interactions with others. Through time, the patterns become a living document of the growth and development of human interaction on a physical level.'

_In collaboration with Dr Ruth Rose, Queen Mary University, London_
‘Future Human seeks to critically engage the public to question the future implications of how we choose to utilise science and technology in the future. Scientists believe that as technology continues to advance that a new future human will evolve

In collaboration with Holition, Leaders in Augmented Retail
In collaboration with Unique Style Platform and imactivate

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- Material Narratives
- Material Interactions
- Material Provenance
- Material Appropriation
“We are continuously seeking more from our products, wanting them to express more personality, amusement or engagement. We are after things that appeal to more of our senses.”
'New technological developments give rise to new methods of production that can re-establish a more meaningful connection between man and materiality'
“Time honoured crafts, which have been rendered worthless, are being re-examined and revived by designers”
“The intersection of design and science allows both fields to explore new questions. Developing a closer relationship with biology allows designers to begin to imagine a future with no waste. Understanding how to program living organisms, points to a new frontier of coding—beyond software, into materiality”
Jenny Lee

Publication | Material Alchemy - Analog Meets Digital

In collaboration with imactivate

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Jenny Lee

Coloni | Undesirable Plants

Coloni X Studio Aikieu

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Words of Wisdom

Collaborate
Business
Perseverance
Networking
Importance of Presentation
Do what fascinates you
Q & A

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