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Abel, Ann-Kristen, Congdon, Amy, Chieza, Natsai, Lee, Jenny, Martinez, Laura, Ribul, Miriam and Rouillon, Marie

Industry Pioneers

Original Citation

Abel, Ann-Kristen, Congdon, Amy, Chieza, Natsai, Lee, Jenny, Martinez, Laura, Ribul, Miriam and Rouillon, Marie (2014) Industry Pioneers. In: Industry Pioneers Conference, 19th November 2014, Nottingham, UK.

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POSTextiles

Industry Pioneers Conference
November 2014

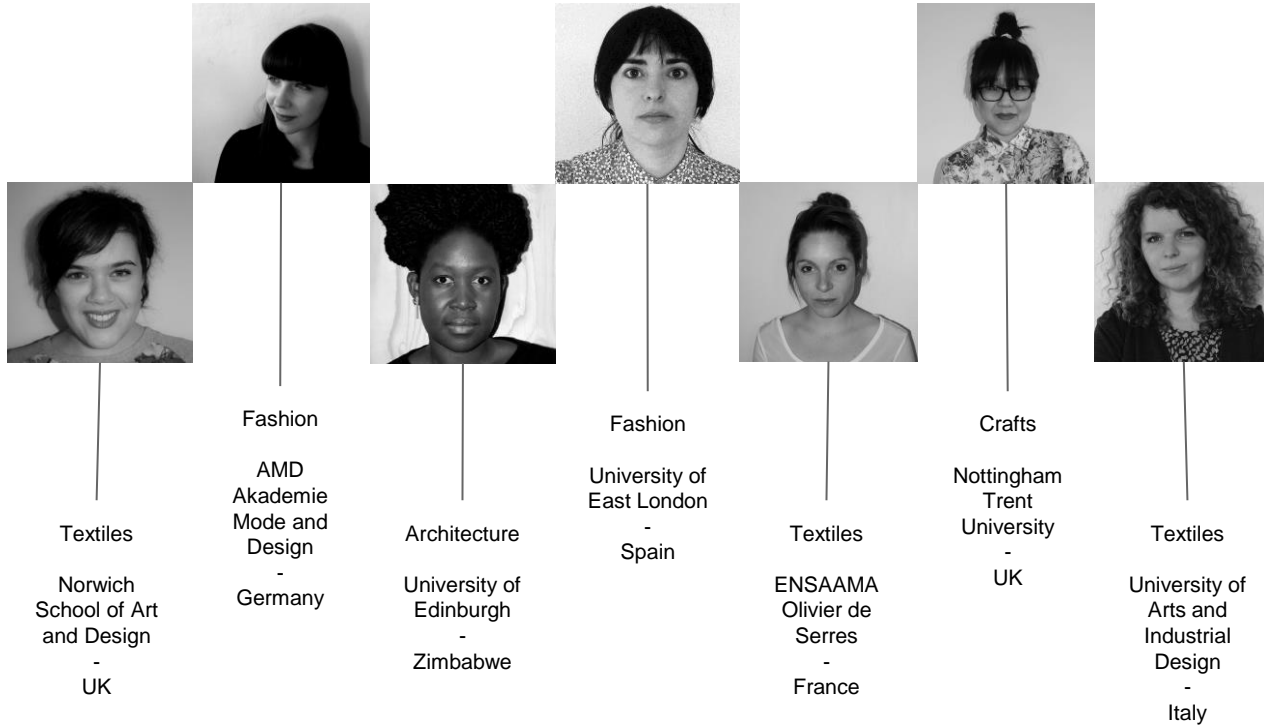
What is POSTextiles?

- 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



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

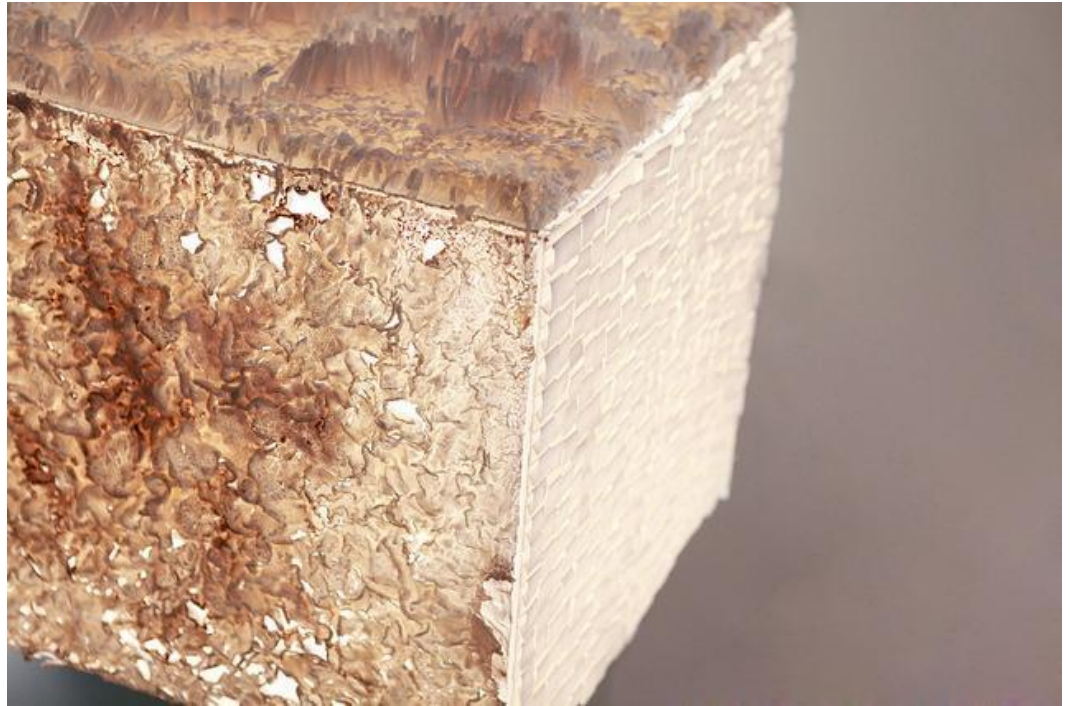
Workshops

Forecasting



'We provide interactive, tangible research on future material trends'

Bespoke Commissions



Industry Collaborations



POSTextiles

Research

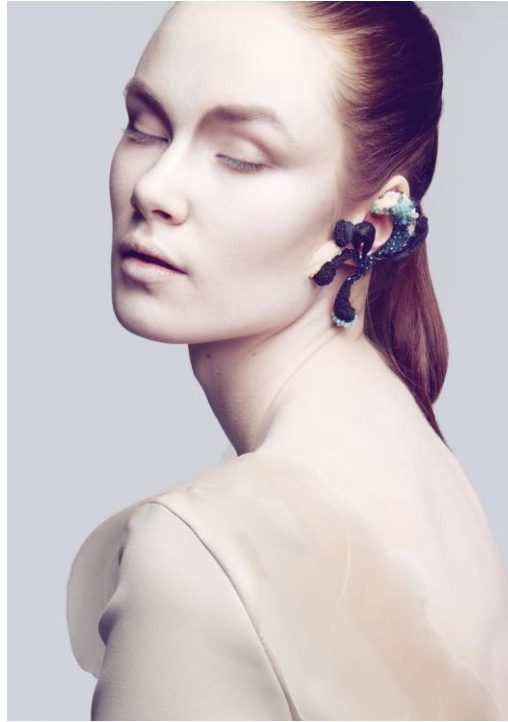
Amy Congdon

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



Amy Congdon

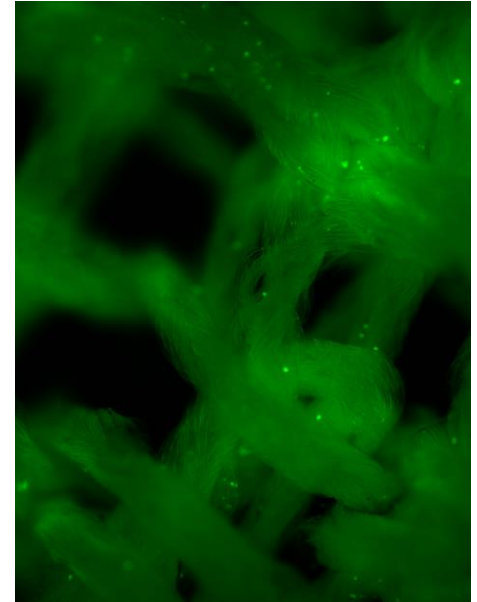
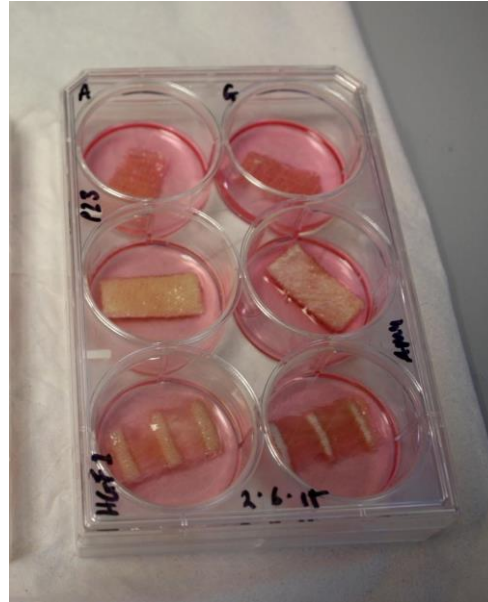
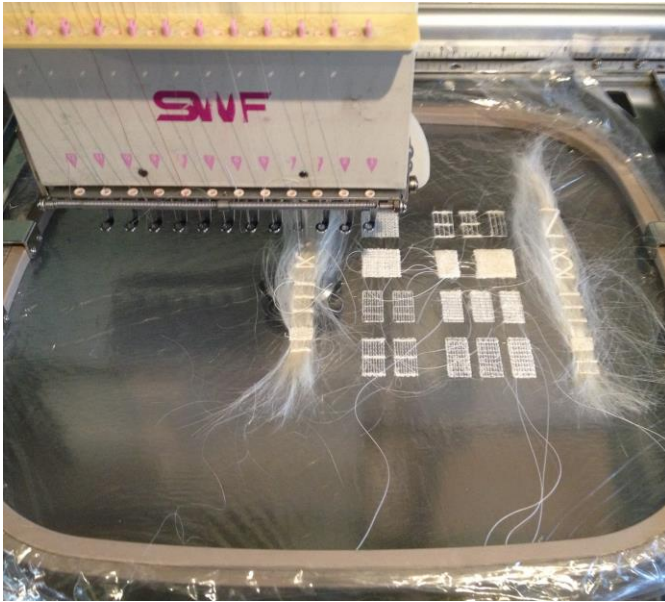
Biological Atelier AW 2082



'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.'

Amy Congdon

DeCellular & Haute Bacon in collaboration with JJ. Hastings



'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

Natsai Chieza

Faber Futures - in collaboration with Professor John Ward



'Design explorations in the project have enabled us to develop a protocol that captures pigment secreted by bacteria to dye and print textiles.'

Natsai Chieza

Faber Futures - in collaboration with Professor John Ward



'It redefines the notion of the designer or craftsman in a future where biological wetware becomes a collaborative material standard.'

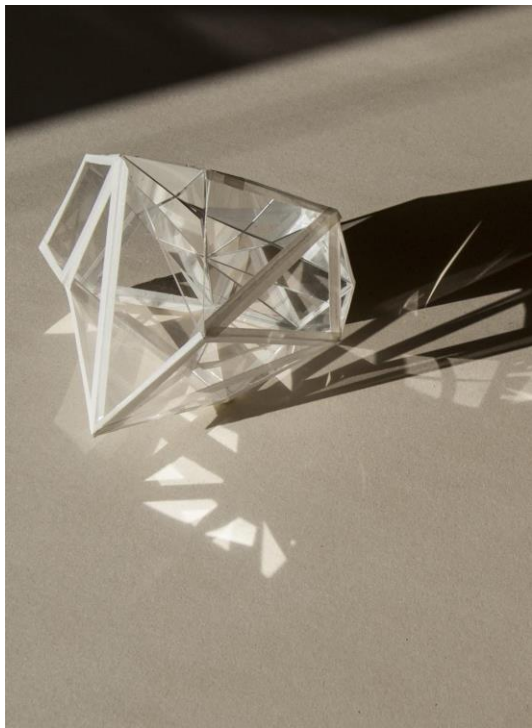
Marie Rouillon

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.'

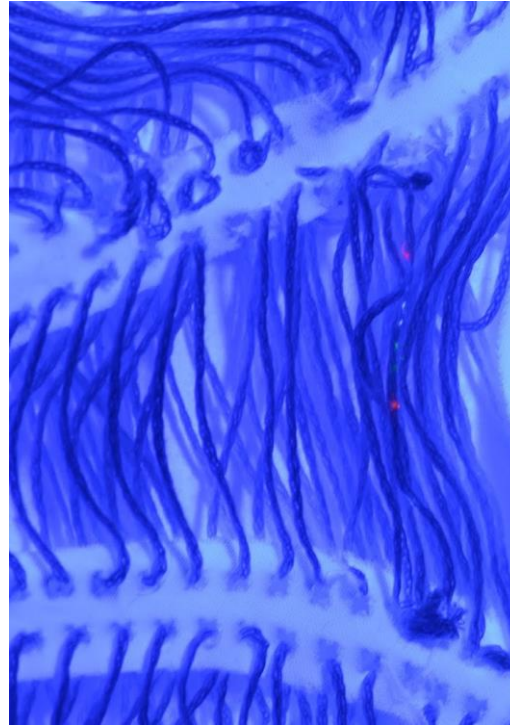
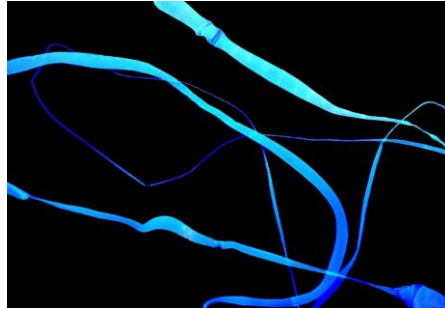
Miriam Ribul

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

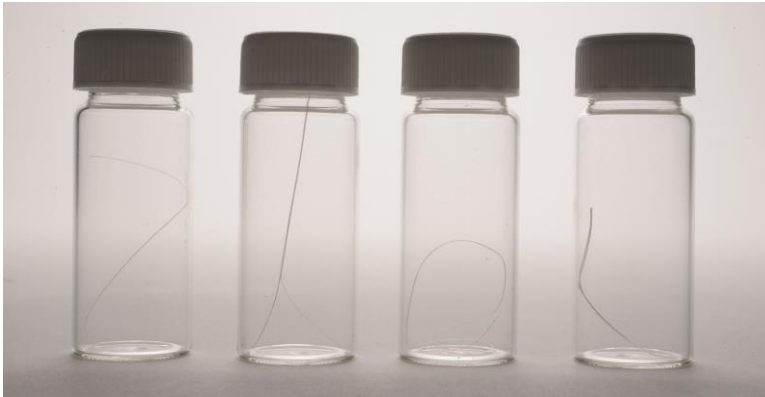


Miriam Ribul

DeNAture - in collaboration with Dr Hanna de la Motte




'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



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Ann-Kristin Abel



*BA Fashion Design -
The Seldom Being*



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

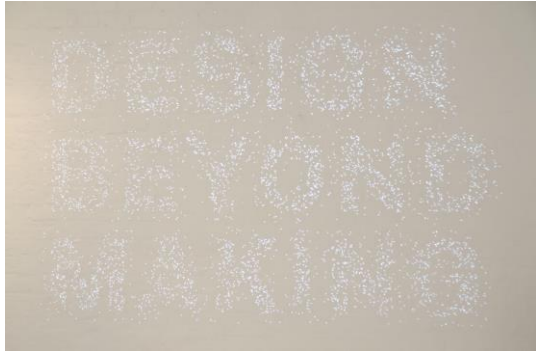


*Cultivated - Props and Styling
for Viewpoint Commissioned
by FranklinTill*

*'I am looking at the
intersection and
the convergence
of human nature
and technology to
probe a possible
human future.'*

Ann-Kristin Abel

vectors - Design Beyond Making



'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

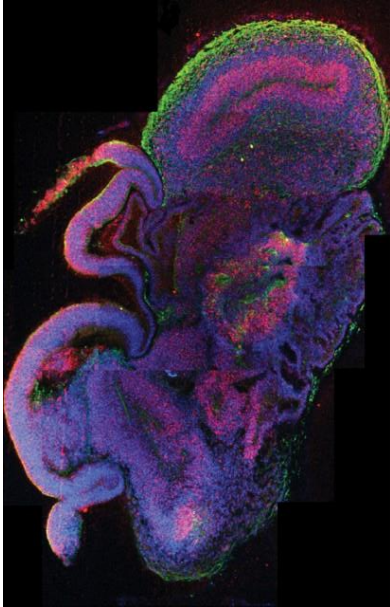


'Nature's Abandoned Treasure Chest by Lauren Davies'



*'De-Cellular by The Kitchen'
(Amy Congdon & JJ Hastings)*

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



Ann-Kristin Abel Convivial Project - Generative Scarves



'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.'

Ann-Kristin Abel Convivial Project - Generative Scarves



Laura Martinez

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

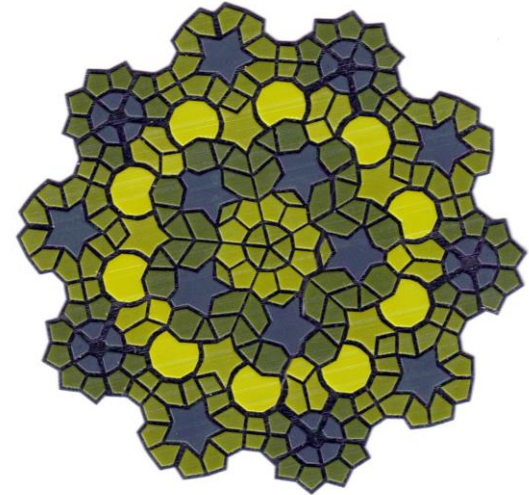
Bespoke material and surface design services for the fashion, art and textile industries



Tree Skin. Mylar Layering. Loop.pH



Tree Skin. Hair. Loop.pH



Multimerial 3d printing. Wonderluk

Laura Martinez

Traditional Textile Craft and Digital Technologies

*Luminous Lace at
Kensington Palace
Textile development for
Loop.pH*

-

*Electroluminescent wire
Process: Bobbin Lace*

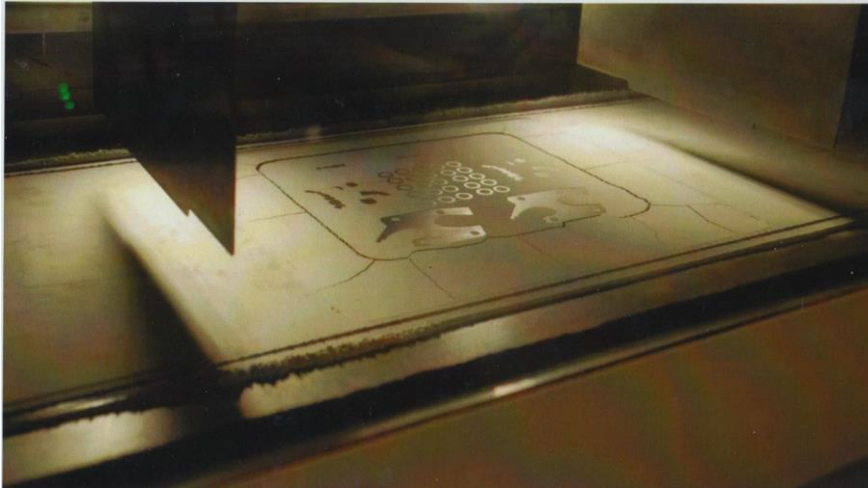
*'Let them eat cake'
Embroiderer for artist
Maurizio Anzeri*

-

*Vintage Photographs and
metallic thread
Process: hand embroidery*



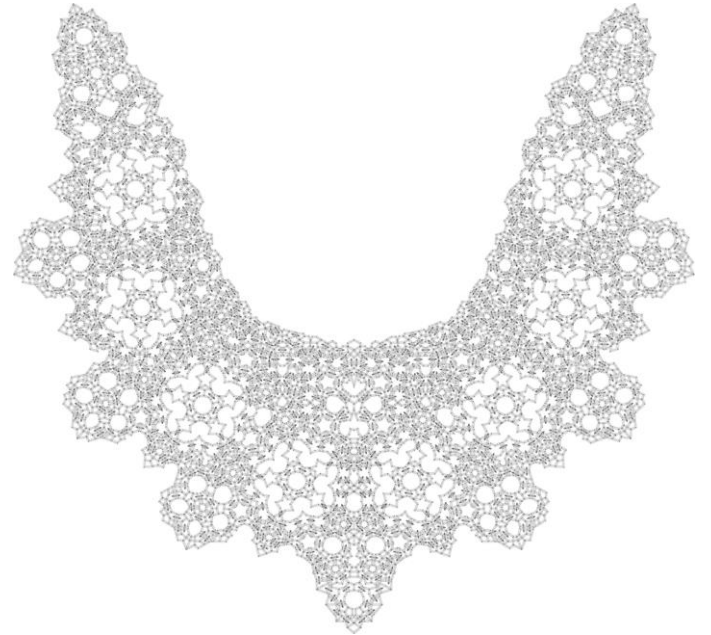
What is 3d printing and why is it relevant for textile desing?



- *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.*

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)*

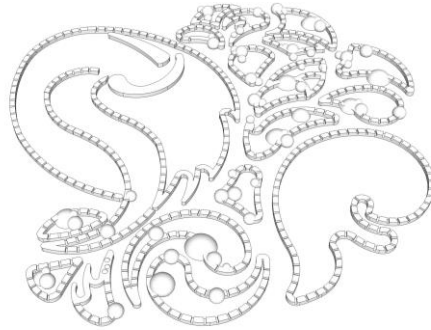


3d Printed Stole in collaboration with Wonderluk



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



'Digicrafted looks into new possibilities for hybrid design combining 3d printing technologies with traditional textile craft'



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'Digicrafted looks into new possibilities for hybrid design combining 3d printing technologies with traditional textile craft'

Laura Martinez

Digicrafted



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

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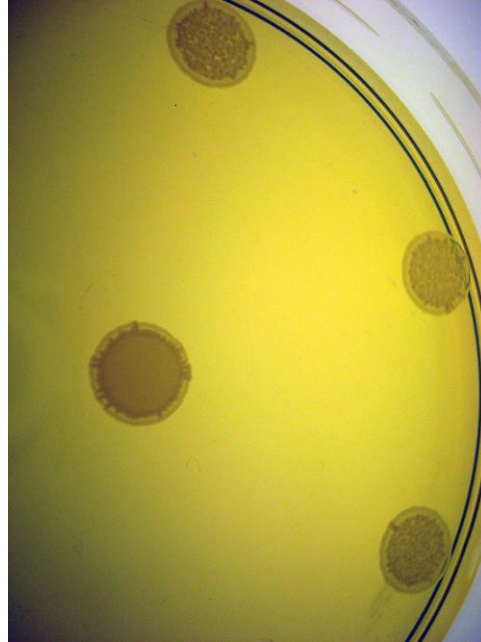
Jenny Lee

Decorative Arts at Nottingham Trent University

MA Textile Futures at Central Saint Martins

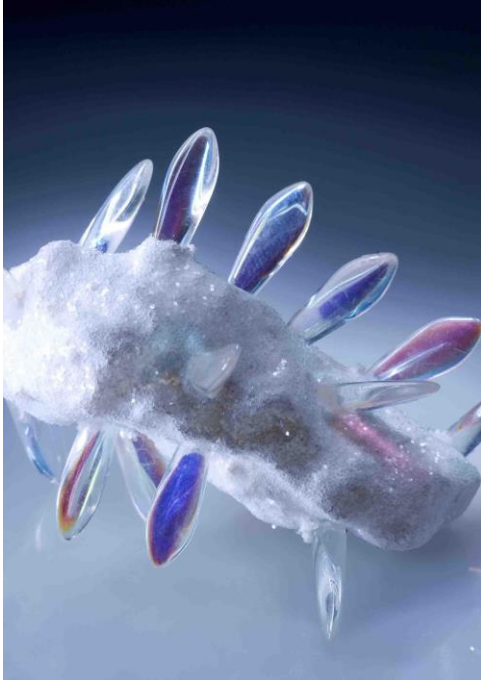
Designer at Studio Aikieu

Lecturer & Researcher at the University of Huddersfield



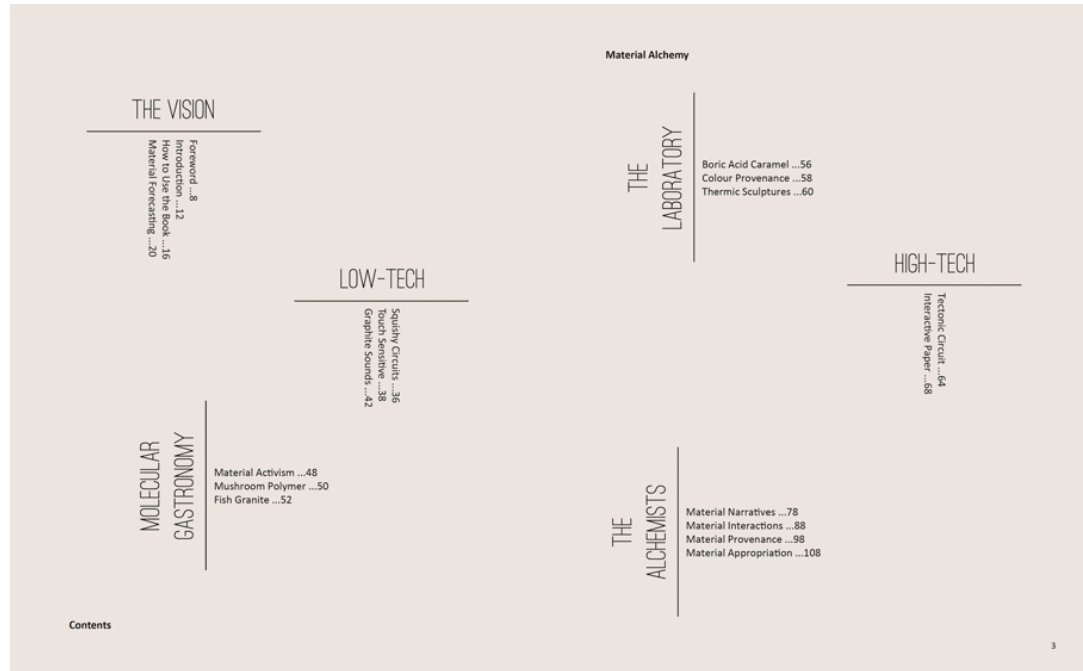
'Living patterns begin to grow and emerge, triggered by physical interactions with others. Through time, the patterns become a living document of the growth and development of human interaction on a physical level'

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

- Material Narratives
- Material Interactions
- Material Provenance
- Material Appropriation



Jenny Lee

Publication | Material Alchemy - Material Narratives

Morphology | Sarah-Linda Forrer



"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"

Jenny Lee

Publication | Material Alchemy - Material Interactions

The Peddler | Unfold

*'New technological developments
give rise to new methods of
production that can re-establish a
more meaningful connection
between man and materiality'*

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Jenny Lee

Publication | Material Alchemy - Material Provenance

De Natura Fossilium | Formafanasma



“Time honoured crafts, which have been rendered worthless, are being re-examined and revived by designers”

Jenny Lee

Publication | Material Alchemy - Material Appropriation

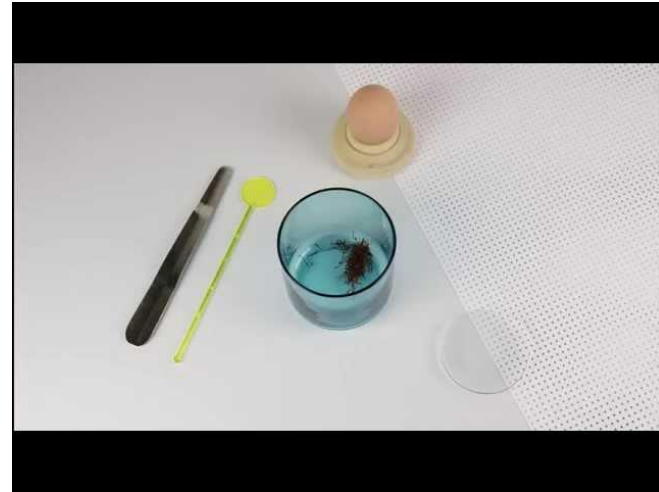
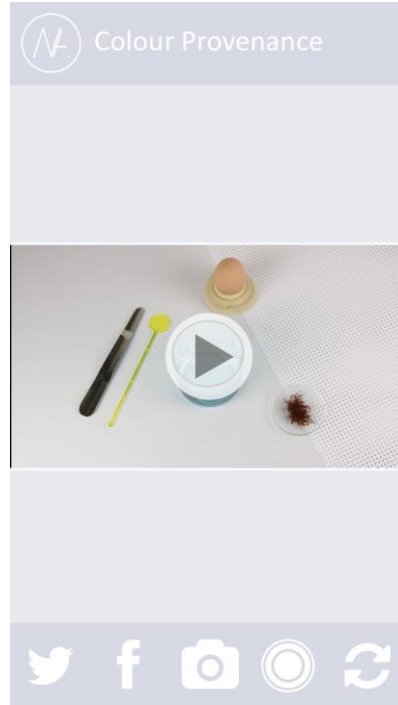
BioPlastic Fantastic | Johanna Schmeer

“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”

www.aikieu.com | jbv.lee@gmail.com | [@studioaikieu](https://www.instagram.com/studioaikieu)

Jenny Lee

Publication | Material Alchemy - Analog Meets Digital



In collaboration with imactivate

Jenny Lee

Coloni | Undesirable Plants

Coloni X Studio Aikieu



Words of Wisdom

Collaborate

Business

Perseverance

Networking

Importance of Presentation

Do what fascinates you

Q & A

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