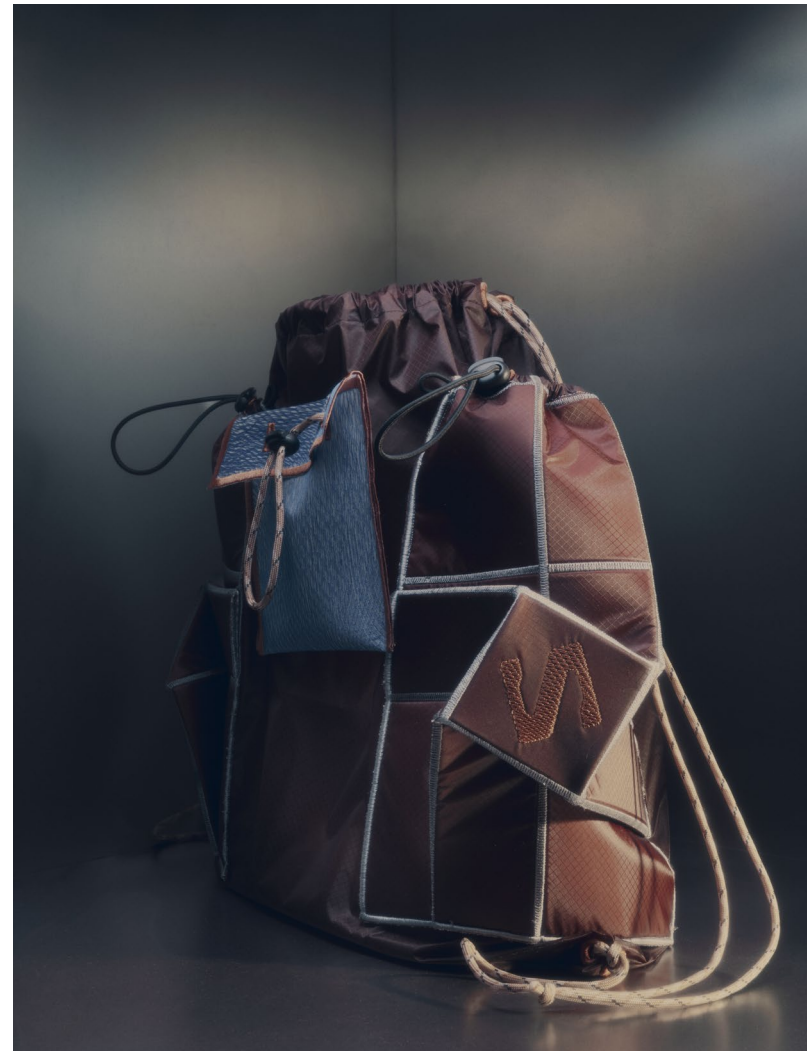


MATERIAL DEVELOPMENTS

Redefining embroidery through exploring new structure with threads
and fabrics: bringing functionality to conventional embroidery





Salomon x LCF: ‘Wearable Tools’ for Bodies in Motion

Instagram: https://www.instagram.com/lcflondon_/p/DWmCeuACChr/?hl=ja

LCF Article: <https://www.arts.ac.uk/colleges/london-college-of-fashion/stories/salomon-x-lcf-students-create-wearable-tools-for-bodies-in-motion>

@lcflondon_ x @salomon

Full Look & Product Photography - @gaetanbernede

Model - @_elena.jpg

Backpack Design and Production - @lili_mzn_acv

Garment Design and Production- @kanashiro____

Embroidery - @lili_mzn_acv

Fabric hand dyeing -@mariagalebe @kanashiro_ @oldraraa

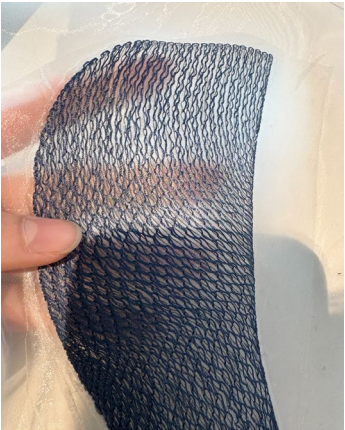
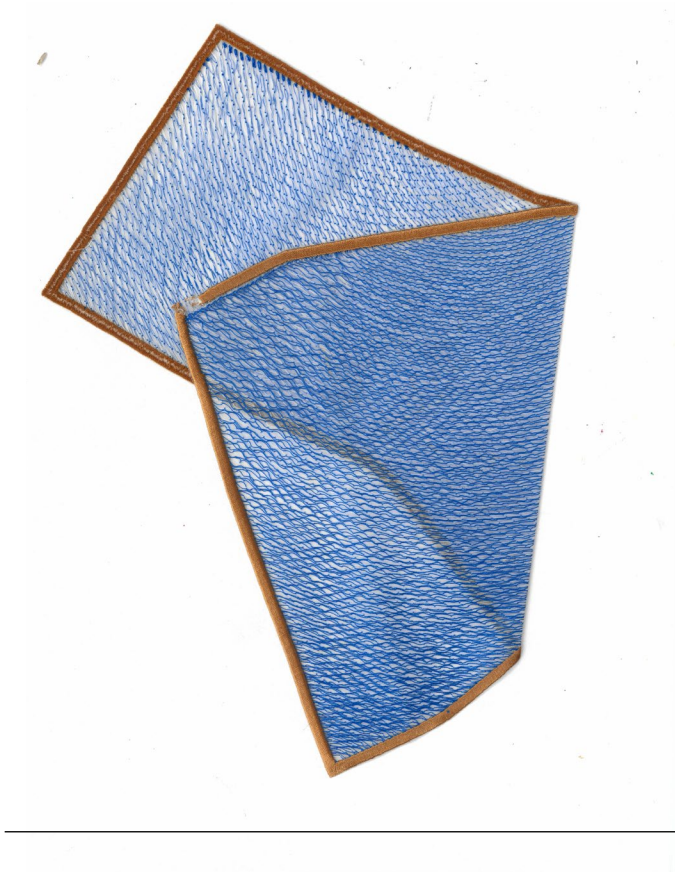
“The Remote Responder”

As an overall design direction, our focus is to create products that incorporate functional elements—such as pockets, breathability, and water resistance—while also allowing young people to enjoy them as fashion. The core approach is to balance practicality with aesthetic appeal, ensuring the garments are both technically functional and stylistically engaging.

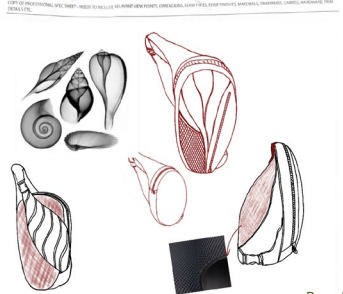
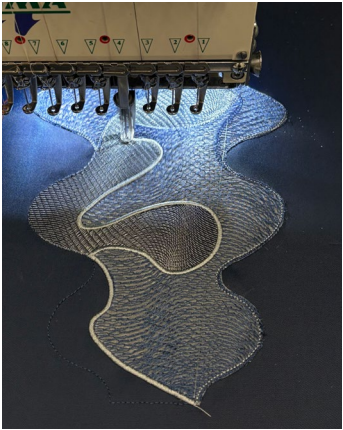
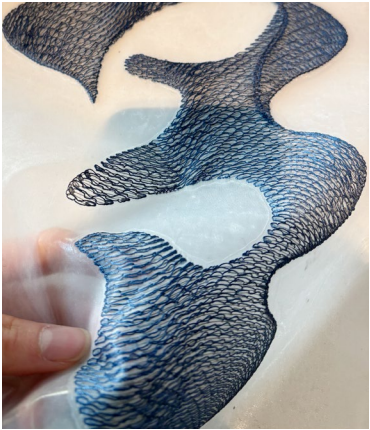
Garment design: Enzo, Tommy
Bag deisgn: Yinming, Cicily
Textile Embroidery: Lili
Textile Print: Bihan



Material Development 1 :
Embroidered Fabric with Functionality of Water Resistance



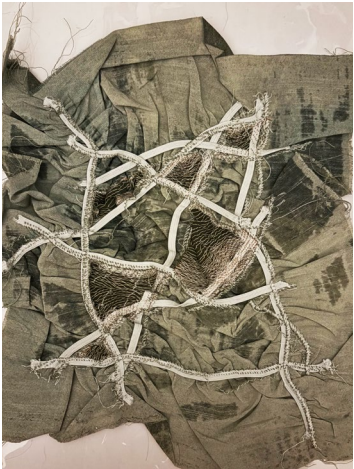
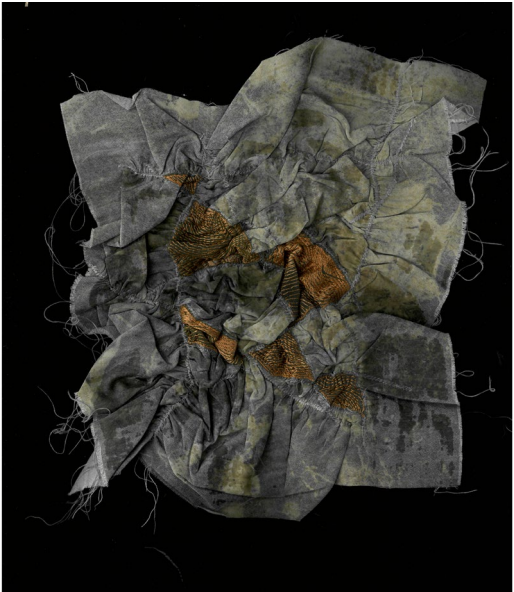
Integrated waterproof functionality as an added material performance feature while retaining the intricate detailing of the embroidery design.



Bag design: Yiming

Responding to the design feature and functionality as a sportswear

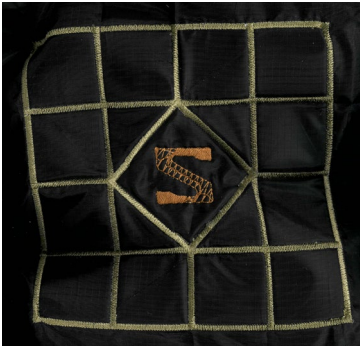
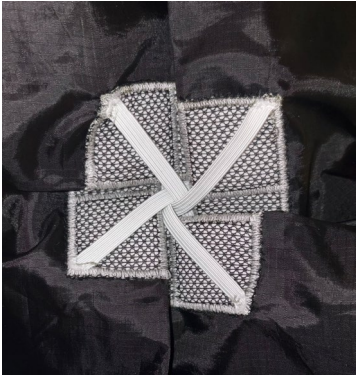
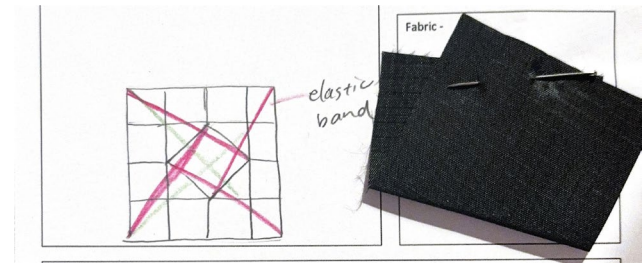
Material Development 2 :
Expansion by structuring a fabric and stitching with
elastic cord and band



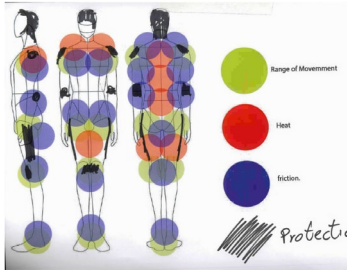
Technical challenges :Creating stretches with mixed materials and stitches can affect the resistance of the fabric

Material Development 2 :
Research into a new stretchable structure using
lightweight foam and stitch:

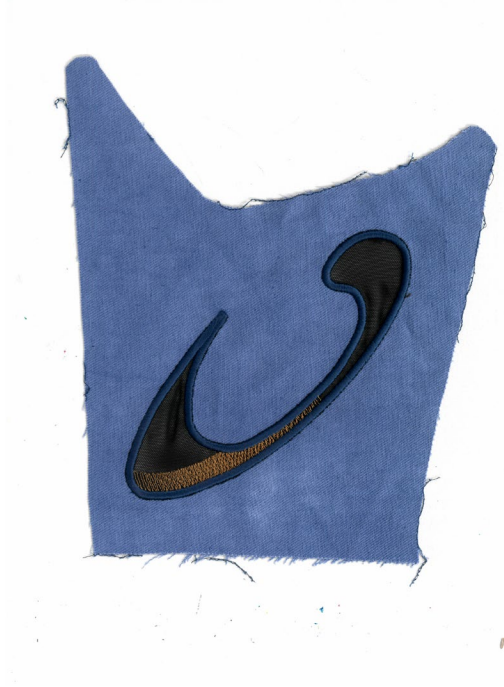
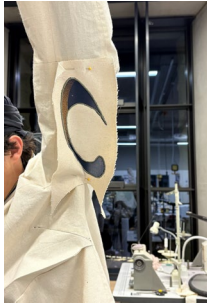
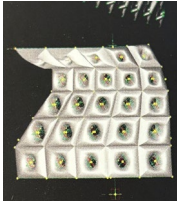
Elasticity was achieved through the integration of _____
elastic cord on the reverse side



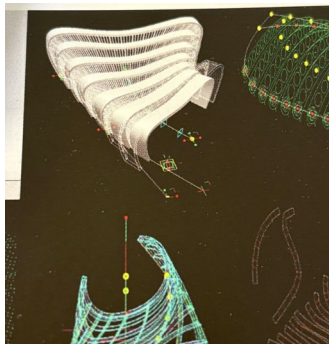
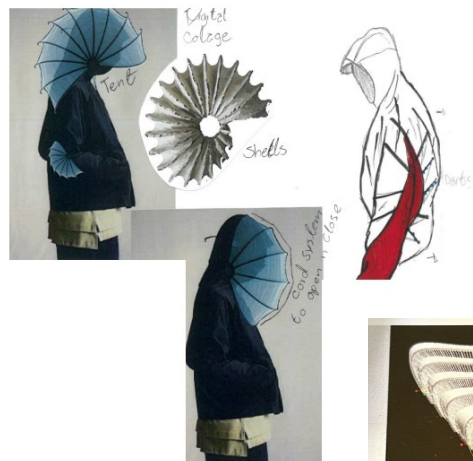
Material Development 3 :
Breathability by incorporating mesh and lightweight fabric and embroidery



Research and design:
Enzo Kanashiro,
Lili Mizuno



Material Development 4 :
Structural research using soft and light weight materials and threads



Material Development 5 :
Body oprotection by lightweight foam and embroidery



Research:
Enzo Kanashiro
Embroidery design:
Lili Mizuno



Shoe design(prototype): Yik

creating 3D designs with soft-thick lightweight foam and stitch: keeping the sportswear light, and soft-cushioning.

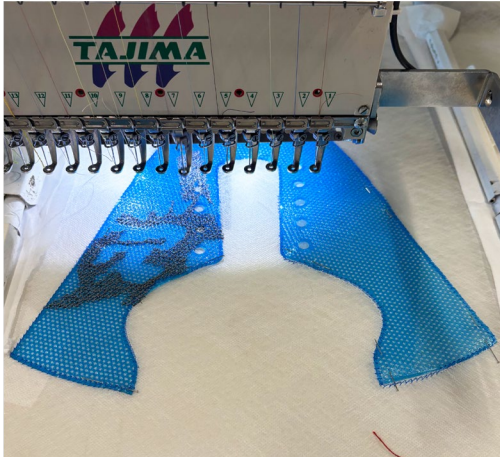
Material Development 6 :

3D PRINT X EMBROIDERY: Experimental process for material and embroidery innovation

3D Print Designer: Francesco Ciro

Embroidery Designer: Lili Mizuno

3D printing technology enables varieties of design and innovative approach to embroidery form. By combining with waterproof embroidered fabrics, it further expands the possibility of design and functionality.



Cushioning with layered soft felt