



3D printing in textiles

Speakers

Karsten Bleymehl, independent materials expert

Joerg Hartmann, head of fashion & technology, Stoll

Pia Hinze, designer & artist

Sophie Bramel, Technical Editor, WSA, moderator



PIA HINZE



INSPIRED BY THE ARCHITECTURE OF THE PAST PIA HINZE CREATES SHAPES, VOLUME AND TEXTURES THAT ARE ALMOST IMPOSSIBLE TO CREATE WITH FABRICS. THE COMBINATION OF BAROQUE AESTHETICS WITH THE INNOVATIVE TECHNIQUE OF 3D PRINTING IS A NEW WAY TO TRANSLATE OLD INTO NEW.

PIA HINZE WAS BORN IN MUNICH, GERMANY. SHE STUDIED FASHION DESIGN AT ESMOD IN MUNICH AND LYON.

AFTER SHE LIVED IN PARIS DOING AN INTERNSHIP IN A TRENDFORECASTING AGENCY.


CURRENTLY SHE STUDIES ART AND MULTIMEDIA IN MUNICH.

HER GRADUATE COLLECTION 'NEOBAROQUE' FEATURES A HIGHLY STRIKING 3D PRINTED DRESS.

THE DRESS WAS FULLY PRINTED IN 3D WORKING WITH THE GERMAN COMPANY 3D ACTIVATION.

PRINTED IN EIGHT DIFFERENT PARTS OUT OF PA 12, THE DRESS IS PAINSTAKINGLY GLUED TOGETHER AND GILDED IN LINE WITH THE BAROQUE FLOURISHES. THE PRINTING PROCESS TOOK OVER 40 HOURS.

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visionary thinking
realistic testing
creative development

material > process > product

MRC researches across sectors for material and technology solutions to be utilized in the development of innovative products

Our custom-made services include:

- > Material and technology research
- > Project management of R&D projects
- > Workshops & Lectures (New materials & technologies)
- > Life-Cycle Assessment (LCA)

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H. Stoll GmbH & Co. KG

Flat knitting in high quality

STOLL

- Oldest manufacturer worldwide of electronically controlled flat knitting machines and pattern preparation systems
- Founded in 1873 by Heinrich Stoll in Riedlingen, Germany – family owned ever since
- Around 600 employees worldwide – represented in more than 70 countries
- More than 100,000 CMS-machines sold
- More than 100 issued patents



Jörg Hartmann

Head of Fashion & Technology

H. Stoll GmbH & Co. KG

Flat knitting in high quality

STOLL

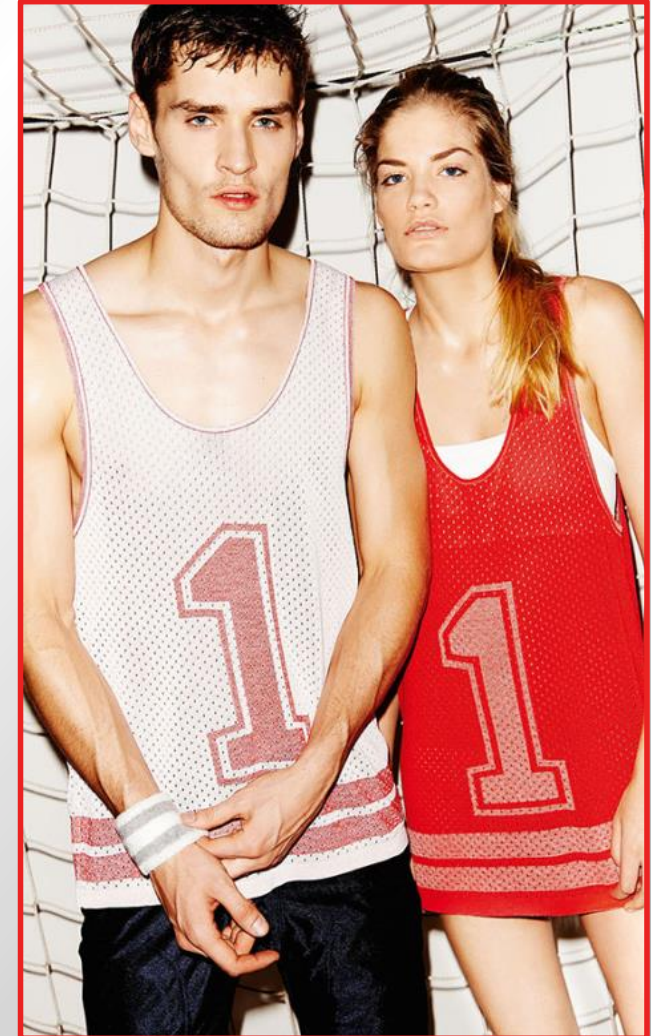
Technical Textiles

- Partner from idea to realization for companies in the field of:
 - medical
 - sports
 - automotive
 - furniture



Fashion & Technology

- Creating modern and innovative collections together with network of designers, fashion agencies and yarn manufacturers



3D printing in fashion



Iris van Herpen – Voltage
(with Julia Koerner)



Noa Raviv – Hard Copy



3D printed accessories



Janne Kytanen



Nike Bag for World Cup

3D printed fabrics



Tamicare



Victoria's Secret catwalk



Sophie Bramel
Technical Editor
World Sports Activewear (WSA) sportstextiles.com

Thank you



SOPHIE BRAMEL

Performance Days Innovation Conference – November 5, 2014

