

## #1 3D-Design

DITF Denkendorf, Germany

# Simulate-Print-Cut for Industry 4.0

Thomas.Fischer@ditf.de

#3 Color Management

#4 RIP Software

#5 Printing

#6 Substitution

#7 Cutting

#8 Sewing

techtex  
tagprofi

DIGITAL  
TEXTILE



MICRO  
FACTORY

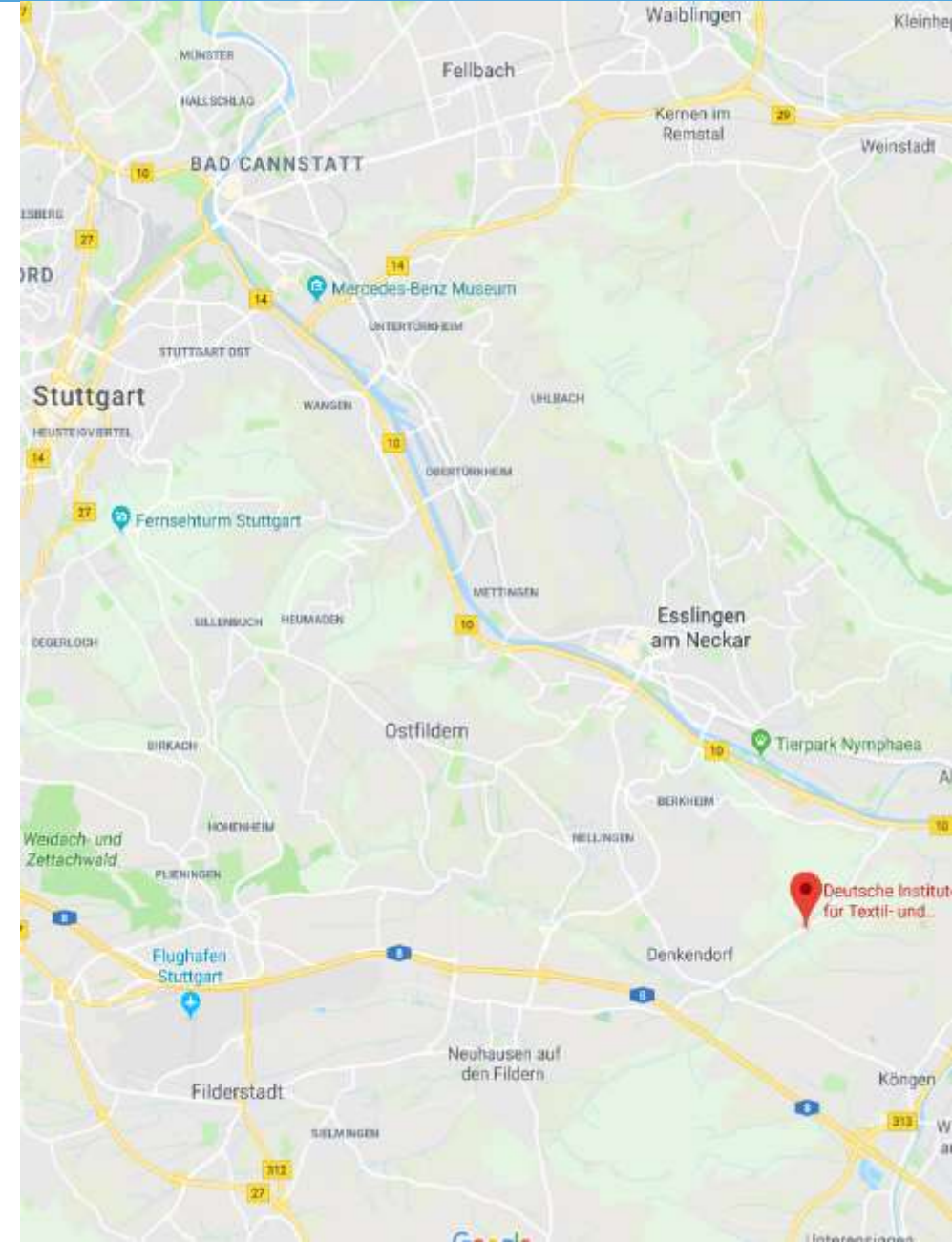





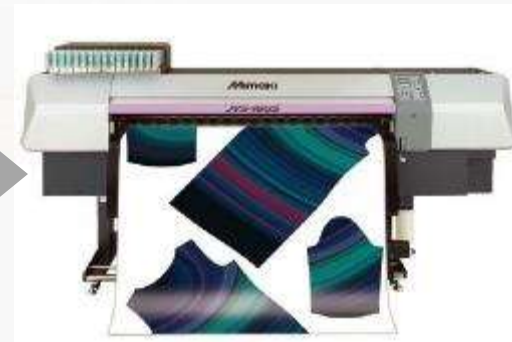
## German Institutes of Textile and Fiber Research



- Europe's largest textile research center
- Founded in 1921, foundation under public law
- 3 research centers, 1 production company (ITVP)
- Application oriented research from molecule to product on 25,000 m<sup>2</sup>
- Research with industrial pilot facilities, focus on technical textiles and life sciences
- Connected to University of Stuttgart and Reutlingen University by 3 chairs and 2 professorships



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- Fit for Textile 4.0
  - Digitisation, KI and Business Modeling
  - Sustainability of Products and Processes
  - Workshops, Training, Open Innovation
  - Open Lab Tours (monthly)
  - Projects and Consultancy

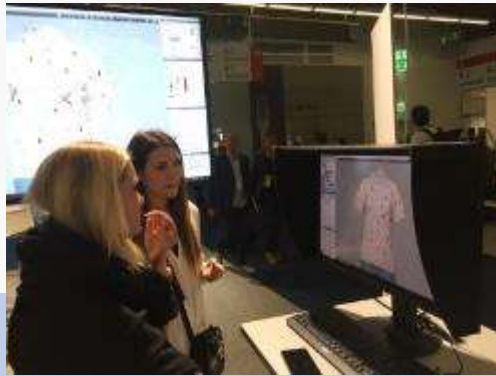
**3D CAD****Colour & RIP****Printing****Cutting**

- **Digitised Value Creation**
- **Short Runs, Sampling, Lot-Size-1, Made-to-Measure**
- **Seamless Engineering**
- **New Design Spaces**



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- **SPC Lab as core of the Digital Textile Micro Factory for Future Fashion Creation**

**3D Design**



**VR/AR**



**Coulour & RIP**



IT Backoffice



**Printing**



**Cutting and Picking**



**Transport**



**Sewing**



# THANK YOU!

**DITF** Denkendorf, Germany

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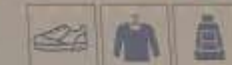
#5 Printing  
#6 Sublimation

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techtextil  
DACH

DIGITAL  
TEXTILE



MICRO  
FACTORY

