



## **LINKS BETWEEN DESIGN, PATTERN DEVELOPMENT AND FABRIC BEHAVIOR FOR CLOTHING AND TECHNICAL TEXTILES**

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### **ABSTRACT**

*In this paper is shown the necessity for the development powerful 3D CAD-systems for the textile and clothing industry. The connection between 2D CAD-systems with 3D CAD-systems enables the user to prepare a collection more quickly and accurately. Applications could be the drape behavior of fabrics, the deformational behavior of fabrics when covering defined surfaces and also technical textiles.*

Keywords: CAD-system, simulation, material behavior, close-fitting garments, technical textiles