

COMET-Project

TextileUX	
Imperceptible Textile Interfaces	
Main location	Hagenberg, Linz, Upper Austria
Other locations	-
Research programme	Imperceptible Textile Interfaces
Planned realisation and outcomes	
<p>The vision of TextileUX is to develop pressure-sensitive textiles that are adaptable to diverse demands with regards to material properties, sensing properties, and interaction techniques. With growing interest in unobtrusive human-machine interfaces, garments and everyday objects covered with smart sensing textiles will become the interfaces of the future. We propose a holistic solution that includes the implementation and evaluation of a) novel conductive and resistive yarns, b) knitted/woven pressure-sensitive textiles, and c) enhanced interaction modalities for different use cases.</p>	
History of establishment	-
Selected company partners (max. 10)	Selected scientific partners (max. 5)
<ol style="list-style-type: none"> 1. A Haberkorn & Co GmbH 2. Herbert Kneitz GmbH 3. Hexcel Composites GmbH & Co KG 4. Kobleder GmbH 5. KTM AG 	<ol style="list-style-type: none"> 1. Johannes Kepler Universität 2. Kunstuniversität Linz 3. TU Dresden
	Selected international partners ¹ (max. 5)
	<ol style="list-style-type: none"> 1. BMW Group 2. Sefar AG 3. Volkswagen Group Future Center Europe GmbH
Start of the COMET-Project	01.10.2018 (4 years)
Number of personnel	30 (FTE) are involved (24 FTE are scientists)
Leader of consortium:	FH-Prof. PD. Dr. Michael Haller, Dr. Kathrin Probst, FH Oberösterreich Forschungs- und Entwicklungs GmbH, professor
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¹ Partners with headquarters outside Austria