

CORNET Call for Proposals: International Collective Research
--- Organisation profile ---

Organisation:	Institut für Textiltechnik of RWTH Aachen University (ITA)
Website address:	https://www.ita.rwth-aachen.de
Organisation typology:	<input type="checkbox"/> SME Association <input checked="" type="checkbox"/> University <input type="checkbox"/> Research Centre <input type="checkbox"/> Other (please specify)
Sector:	<input checked="" type="checkbox"/> Materials <input type="checkbox"/> Process Engineering, Energy Technology and Environment <input type="checkbox"/> Business Management and Organisation <input checked="" type="checkbox"/> Construction and Production <input checked="" type="checkbox"/> Chemistry, Textile, Food, Health and Medical <input type="checkbox"/> Measurement and Information
Field of specialisation:	<p>Yarn Technologies: Mono- and Multi- Filament and Staple Fibre</p> <p>Fabric Production Technologies: Nonwovens, Knitting, Warping Knitting, Weaving, and Braiding</p> <p>Fibre Reinforced Composites: Reinforcing Fibres, Flat Composites Reinforcements, Hybrid Materials, Impregnation Technologies, Construction, Composite Production</p> <p>Medical Textiles</p> <p>Smart Textiles</p> <p>Chemical Technologies for Textile and Fibre Innovation</p>
Expertise offered:	<p>The institute focuses on mechanical engineering and textile process engineering, polymer technology and high-performance fibre materials, textile preforming and fibre composites, medical technology, smart textiles and joining technology as well as simulation and measurement technology. The ITA develops textile semi-finished products and other products for the fields of mobility, building & living, health, energy & environment, information & communication, production engineering and materials engineering. Furthermore, the ITA acts as a qualification service provider in academic teaching and industrial training as well as advanced training for industry professionals. In addition, it supplies numerous other industrial sectors with targeted innovations for new processes and textile materials, including the sporting goods industry and the ICT sector.</p>
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