

Poster Aachen-Dresden-Denkendorf International Textile Conference 2019

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P54	<p><u>Carsten Graßmann</u><sup>1</sup>, Anne Schwarz-Pfeiffer<sup>1</sup>, Lieva van Langenhove<sup>2</sup>  <sup>1</sup>Research Institute for Textile and Clothing, Niederrhein University of Applied Sciences, Mönchengladbach (Germany)  <sup>2</sup>Centre for Textile Science and Engineering, University of Ghent (Belgium)</p> <p><b>Microwave assisted electroless deposition of zinc oxide on fabrics</b></p>
P55	<p><u>Katalin Mengler</u>, Rike Brendgen, Carsten Graßmann, Thomas Grethe, Boris Mahltig, Anne Schwarz-Pfeiffer  Research Institute for Textile and Clothing, Niederrhein University of Applied Sciences, Mönchengladbach (Germany)</p> <p><b>Investigation of recycled polyvinyl butyral for yarn based textile coatings</b></p>

P56	<p><u>Marina Normann</u><sup>1</sup>, Katalin Mengler<sup>1</sup>, Yordan Kyosev<sup>2</sup>, Anne Schwarz-Pfeiffer<sup>1</sup>  <sup>1</sup>Research Institute for Textile and Clothing, Niederrhein University of Applied Sciences, Mönchengladbach (Germany)  <sup>2</sup>Institute of Textile Machinery and High Performance Material Technology (ITM), Dresden (Germany)</p> <p><b>Investigation of color-changing filaments based on an interference filter principle through multilayer deposition of silver particles and polymer coatings</b></p>
P57	<p><u>Meike Tilebein</u>, Alexander Mirosnichenko, Thomas Fischer, Alexander Artschwager  Deutsche Institute für Textil- und Faserforschung, Denkendorf (Germany)</p> <p><b>Digital textile microfactory</b></p>
P58	<p><u>Antje Ota</u><sup>1</sup>, Tanja Schneck<sup>1</sup>, Frank Hermanutz<sup>1</sup>, Michael R. Buchmeiser<sup>1,2</sup>  <sup>1</sup>German Institutes of Textile and Fiber Research (DITF), Denkendorf (Germany)  <sup>2</sup>Institute of Polymer Chemistry (IPOC), University Stuttgart, Stuttgart (Germany)</p> <p><b>Chitin / Cellulose composite fiber development using wet and dry-wet spinning technologies</b></p>
P59	<p><u>Jürgen Schneider</u>, Stephan Baz, Götz T. Gresser  Deutsche Institute für Textil- und Faserforschung (DITF), Denkendorf (Germany)</p> <p><b>Twist offset of roving to increase yarn quality</b></p>
P60	<p><u>Marielle Stephan</u>, Bilitis Vanicela, Andreas Ulmer, Christoph Riethmüller, Götz Theo Gresser  DITF, Denkendorf (Germany)</p> <p><b>Autonomous living wall</b></p>
P61	<p><u>Sebastian Micus</u>, Hanne Pacht, Götz T. Gresser  German Institutes of Textile and Fiber Research, Denkendorf (DITF)</p> <p><b>Locally LSR over-moulding of textile integrated actors and sensors</b></p>
P62	<p><u>Karsten Neuwerk</u><sup>1</sup>, Michael Haupt<sup>1</sup>, Götz T. Gresser<sup>2</sup>  <sup>1</sup>German Institutes of Textile and Fiber Research, Denkendorf (Germany)  <sup>2</sup>Institute for Textile and Fiber Technologies, University of Stuttgart (Germany)</p> <p><b>Sound absorption by textile resonators</b></p>
P63	<p><u>Paul Hofmann</u>, Sonja Arnold-Keifer, Metin Caliskan, Ulrich Stark, Hans-Jürgen Bauder  German Institutes of Textile and Fiber Research, Denkendorf (Germany)</p> <p><b>Design and characterization of piezoelectric sensors based on multi-layer woven fabrics as an integral structural component of fiber reinforced composites</b></p>
P64	<p><u>Sarah Kim</u>, Paul Hofmann, Hermann Finckh, Albrecht Dinkelmann, Uwe Röder, Götz T. Gresser  Deutsche Institute für Textil- und Faserforschung (DITF), Denkendorf (Germany)</p> <p><b>Development and characterization of flat knitted sensors</b></p>
P65	<p><u>Marc P. Vocht</u><sup>1</sup>, Alexander Müller<sup>1</sup>, Frank Hermanutz<sup>2</sup>, Michael R. Buchmeiser<sup>1,2</sup>  <sup>1</sup>Deutsche Institute für Textil- und Faserforschung, Denkendorf (Germany)  <sup>2</sup>University Stuttgart (Germany)</p> <p><b>PURCELL – development of a recyclable, biodegradable all-cellulose composite</b></p>
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P70	<p><u>Sophia Gelderblom</u><sup>1</sup>, Petra Schulz<sup>2</sup>, Peter Schultheis<sup>3</sup>, Bayram Aslan<sup>1</sup>  <sup>1</sup>TFI – Institut für Bodensysteme an der RWTH Aachen e. V., Aachen (Germany)  <sup>2</sup>Institut für Holztechnologie Dresden gGmbH, Dresden (Germany)  <sup>3</sup>Prüf- und Forschungsinstitut Pirmasens e. V., Pirmasens (Germany)</p> <p><b>E-StatWalk - Development of an automated test procedure with durable reference materials for the uniform and quick assessment of the static charge of a person generated by walking on the surface of floor coverings</b></p>
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