

Editorial Program

TT 2 / 2017



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Fibers / Yarns

Fiber specialties for technical textiles
Innovative high-performance hybrid yarns made from recycled carbon fibers for lightweight structures (A. Abdkader, ITM, Dresden/Germany)
Ring slot die coating technology for fibers, yarns and twisted yarns (M. Gillert, FMP Technology GmbH, Erlangen/Germany; O. Brauchmann, Mehler Engineered Products GmbH, Fulda/Germany)

Techtextil 2017 in Frankfurt/Germany: Preview

Technical Textiles

3D printing of Braille on textiles (E. Kreikebaum, HS Niederrhein, Mönchengladbach/Germany)
Photo-chemical fiber surface modification for improvement of fiber-matrix adhesion and damping in composite materials (T. Bahnert, DTNW, Krefeld; M. Kelch, HS Bremen; J.S. Gutmann, University Duisburg-Essen/Germany)
"Heat spreader" for bedding (Outlast Technologies LLC, Golden, CO/USA)
New hybrid tetraaxial fabrics (M. Ghazimoradi, Politecnico di Milano, Milan/Italy)
Functional back-molded textiles (T. Stegmaier, ITV Denkendorf/Germany)
Automated fabrication of near-net shape short fiber preforms for C-fiber reinforced SiC-matrix composites (D. Weise, ITM, Dresden/Germany; N. Langhof, Univ. Bayreuth/Germany)
Pre-treatment of technical textiles (Karl Menzel Beteiligungs GmbH, Bielefeld/Germany)
Ecological textile auxiliaries (Zschimmer & Schwarz Mohsdorf GmbH & Co. KG, Burgstädt/Germany)

Texprocess 2017 in Frankfurt/Germany: Preview

Techtextil 2017 in Frankfurt/Germany: Preview

Current market trends for technical textiles
Company news

Nonwovens

Nonwovens in composites (H. van Delden, Gherzi van Delden GmbH, Krefeld/Germany)
Splitting of fibers in nonwovens process (M. Hoss, ITV Denkendorf/Germany)
Nonwovens in automobiles and automobiles made of nonwovens (Groz-Beckert KG, Albstadt/Germany)
Influence on isotropic ratio of hydroentangled spunbonded nonwovens (U. Heye, STFI, Chemnitz/Germany)

Index 2017 in Geneva/Switzerland: Review

Techtextil 2017 in Frankfurt/Germany: Preview

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Techtextil & Texprocess
in Frankfurt/Germany
Hall 4.1, Foyer 04