

Editorial Program

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- Fibers / Yarns** Fibers specialties for technical textiles
Solution spun co-extruded PLA fibers with pH-neutral degradation characteristics (G.-P. Paar, Biohybrid & Medical Textiles at the ITA, Aachen/Germany)
Sustainable fibers for oil spill clean-up (S. Viju, PSG College of Technology, Coimbatore/India)
High conductive, soft handle innovative embroidery thread (Madeira Garnfabrik Rudolf Schmidt KG, Freiburg/Germany)
- Technical Textiles** How textile are composites? (S. Schlichter, Institut für Textiltechnik Augsburg gGmbH, Augsburg/Germany)
Processing basalt fibers into multiaxial and warp-knitted textiles (T. Bätz, BasaltFaserNetzwerk, Waldenburg/Germany)
Bio-hybrid implants reinforced with textiles on the way towards developing artificial replacement parts of the future (A. Löwen, ITA, Aachen/Germany)
Padding elements with fiber-optic sensors for the care sector (L. Blüthgen, Non-profit Institute of Wood Technology, Dresden/Germany)
Review on acoustic properties of textiles (S.S. Gulhane, NIMIMS Shirpur/India)
Filtech 2018, March 13-15, 2018 in Cologne/Germany
Lightweight car seats based on multi-material design containing warp-knitted spacer textiles (D. Nestler, Institute of Lightweight Structures, TU Chemnitz/Germany)
Functionalized components made from high-performance grid plastic composites (S. Rittner, ITM, Dresden/Germany)
Relationship between tightness factor and moisture management properties of single jersey cotton fabrics (J.R. Ajmeri, Sarvajanik College of Eng. and Technology, Surrat/India)
Online process for non-stop production of sacks (Karl Mayer Textilmaschinenfabrik GmbH, Obertshausen/Germany)
Bullet velocity meter (Weinlich GmbH, Reilingen/Germany)
Lasering of man-made fibers instead of sewing (M. Estermann, Empa, St. Gallen; A. Haag, Nathlos GmbH, St. Gallen/Switzerland)
New machine for the welding of reflective tapes (Pfaff Industriesysteme und Maschinen GmbH, Kaiserlautern/Germany)
Decomposition of PU coatings due to degradation of contained phosphoric flame retardants (S. Eibl, Wehrwissenschaftliches Institut für Werk- und Betriebsstoffe, Erding/Germany)
Current company reports
- Nonwovens** Newly developed nonwovens for the acoustically effective range (H.-J. Imminger, BWF Tec GmbH, Offingen/Germany)
Current market trends for technical nonwovens