

Editorial Program

MI 1 / 2013

Publication date: March 4, 2013
Ad closing date: February 11, 2013



- Fibers/Yarns** New fiber developments
Diolen Clean Project (TWD Fibres, Deggendorf/Germany)
New flame-retardant polyamide fiber Nexylon FR
(K. Bender, G. Schäch, S. Rosa, Ems-Chemie AG, Domat/Switzerland)
- Spinning** New R 60 rotor spinning machine – technological progress
(S. Weidner-Bohnenberger, Rieter Ingolstadt GmbH, Ingolstadt/Germany)
Innovation of the drafting system
(Oerlikon Textile Components, Fellbach/Germany)
Changes in yarn cross-section shapes during processing
(R.N. Narkhedkar, C.D. Kane, NMIMS University, Shirpur/India)
- Knitting** Accuracy of thickness measurements on knitted fabrics
(Si-A Chung, A. Ehrmann, M.O. Weber, Niederrhein University of Applied Sciences, Mönchengladbach/Germany)
Properties of developed Indigo denim-like knitted fabrics
(D. Vijayalakshmi, PSG College of Technology, Coimbatore/India)
- Weaving** Solutions for twist-free processing of ribbon-shaped warp on weaving machines (M. Kern, G. Hoffmann; C. Cherif, ITM, Dresden/Germany)
- Textile Finishing** Effective flame-retardants with less adverse effects on health and environment (J. Almond, Alexium International, WA/Australia)
Simultaneous pigment dyeing and antibacterial finishing fo cotton fabric using chitosan from bio-waste (M.D. Teli, J. Sheikh, Institute of Chemical Technology Matunga, Mumbai/India)
Fiber squeeze roll with full chemical resistance
(Richard Hough Ltd., Bolton/UK)
NEC technology for color-critical pattern display
(caddon printing and imaging GmbH, Leinfelden-Echterdingen/Germany)
New high speed, eco-friendly RF web drying system
(Radio Frequency Co., Inc., Millis, MA/USA)
- Textile Industry** Fabric handle evaluation by means of sound analysis (U. SchloBer, DTNW, Krefeld/Germany; G. Grüner, emtec Electronic GmbH, Leipzig/Germany)
Application of LED elements in design project (E. Strunevich, MSUDT, Moscow; N. Presnetsova, SUTD, St. Petersburg/Russia; A. Ehrmann, Niederrhein University of Applied Sciences, Mönchengladbach/Germany)
Determination of the bending stiffness of textile fabrics
(B. Sköck-Hartmann, ITA, Aachen/Germany; U. Mörschel, Textechno Herbert Stein GmbH & Co. KG, Mönchengladbach/Germany)
Rotary screw air compressors with 37-45 kW range
(Ingersoll Rand, Brussels/Belgium)