

Editorial Program

MI 3 / 2011

(Publication date: **August 3, 2011**)
(Ad closing date: **July 13, 2011**)



- ITMA Preview** ITMA 2011 in Barcelona/Spain: new machinery for fiber production, texturing, spinning, weaving, knitting, textile finishing and nonwovens
- Fibers/Yarns** New fiber developments
Staple fiber processing of biopolymers opens doors to new markets (S. Ramaswamy et al., ITA Aachen/Germany)
World market trends for draw-texturing machines (ITMF, Zurich/CH)
- Spinning** World market trends for spinning machines (ITMF, Zurich/CH)
New high-performance card (Rieter Machine Works Ltd., Winterthur/CH)
Cot grinding – a matter of faith or a decision based on hard facts? (W. Jakobs, I. Biermann, Oerlikon Textile Components, Wattwil/CH)
New automatic rotor spinning machine (Rieter Machine Works Ltd., Winterthur/CH)
Structure and bending properties of air-jet spun polyester yarns and microfiber polyester yarns (P.V. Kadole et al, DKTE, Ichalkarnji/India)
Controlling evenness parameters for improved quality and profitability (Uster Group, Uster/Switzerland)
- Knitting** World market trends for knitting machines (ITMF, Zurich/CH)
Geometrical model of 1x1 rib loop unit in flat bed double jersey knitting machine (S. Mukherjee, National Institute of Fashion, Kolkata/India)
New computerized flat knitting machine (Shima Seiki Mfg., Ltd., Wakayama/Japan)
Effect of polymeric additives on abrasion and creasing behavior of Tencel fabrics (I. Abdullah, Univ. of Management & Technology, Lahore/India)
- Weaving** World market trends for weaving machines (ITMF, Zurich/CH)
Identification of plain grey fabric defects using DC suppressed Fourier power spectrum sum features (V. Jayashree, S. Subbaraman, Textile and Engineering Institute, Rajwada/India)
- Textile Finishing** Application of low-pressure plasma in textile finishing (M. Mokbul Hossain, (G. Grabher, Textilveredlung Grabher GmbH, Lustenau/Austria)
Surface functionalization of polyester fabric with atmospheric pressure plasma enhanced chemical vapor deposition (K.H. Kale, S.S. Palaskar, The Bombay Textile Research Association, Mumbai/India)
Printing on narrow fabrics: market status and future potential (B. Wendisch, Laboratoire de Physique et Mécanique Textiles, Mulhouse/F)
Hand related characteristics of polyurethane-coated fabrics (C.G. Tyagi, MLV Textile & Engineering College, Bhilwara/India)
Advanced textile enhancers – investigation of deposition onto cotton fibers (M. Er-Rafik et al., DWI an der RWTH Aachen/Germany)
- Textile Industry** Image analyser – effective tool for textile scientists (P.V. Kadole et al, DKTE, Ichalkarnji/India)
Influence of yarn type on thermal comfort (Z. Skenderi, I. Salopek Cubric, University of Zagreb/Coratia)