

## Editorial Program

### MI 3 / 2010

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- ITMA ASIA + CITME** ITMA Asia + CITME 2010 preview: new machinery for fiber production, spinning, weaving, knitting, textile finishing and nonwovens
- Spinning**
- Card feeder MultiFeed MF (Dilo)
  - Modular solution to combat the foreign matter problem in ginning and spinning (C. Färber et al., Trützschler GmbH, Mönchengladbach/D)
  - New autoleveler drawframe: single-head autoleveling quality on 2 heads (Rieter Machine Works Ltd., Winterthur/Switzerland)
  - Sophisticated and flexible pendulum arm (Oerlikon Textile Components, Fellbach/Germany)
  - Optimal use of resources in compact spinning (A. Rusch, Rieter Machine Works Ltd., Winterthur/Switzerland)
  - New fiber length and strength tester for cotton spinning mills (G. Kugler et al., Textechno H. Stein GmbH, Mönchengladbach/D)
  - Tensile behavior of spun yarns under dynamic state (B.R. Das, Indian Institute of Technology, New Delhi/India)
- Weaving**
- Energy saving in air-jet weaving using computational fluid dynamics (P. Jungbecker et al., ITA, Aachen/Germany)
- Knitting**
- Dynamic elastic behavior of spandex (elastane fiber) plaited cotton knitted fabric (M. Senthilkumar, PSG Coll. of Technol., Coimbatore/India)
  - Single jersey circular knitting machine (Terrot GmbH, Chemnitz/Germany)
- Textile Finishing**
- Environmentally friendly possibility for dyeing and finishing of PA/Lycra warp knitted fabrics (W. Zhang, Fong's National Engineering Co., Ltd., Hong Kong; N. Wickert, Goller Textilmaschinen GmbH, Germany)
  - Application of immobilized enzymes in finishing treatment of reactive dyed textiles (M. Sallat et al., STFI Chemnitz; U. Böhmer et al., Inst. für Lebensmittel und Bioverfahrenstechnik, Dresden/Germany)
  - Batch piece dyeing application of knitted fabrics (H.-M. Tu et al., Fong's National Engineering Co., Ltd., Shenzhen/China)
  - New software for the optimization of reactive dyeing wash-off (M. Ferus-Comelo, Smart Lab Ltd., Leeds/UK)
  - Matching colors for textiles with complete precision (caddon printing & imaging GmbH, Leinfelden-Echterdingen/Germany)
- Textile Industry**
- Structured copolymers – high-performance additives to modify surface properties (J. Omeis (BYK-Chemie GmbH, Wesel/Germany)
  - Potential applications of lasers in the textile industry (K. Samm et al., Laser Zentrum Hannover, Hanover/Germany)