

1962, *Study of graphic design technological parameters for quality increase*, Coordinator: Assist. Prof. Igor Zjakić, both funded by the Ministry of Science, Education and Sports of the Republic of Croatia.

## References

- Pibernik J, Dolić J and Dilberiović I. T-shirt design by direct printing technique. *Tekstil* 2011; 60 (10): 504-511.
- Presley A and Jenkins M. The T-Shirt: canvas for the signs of the times. *International Journal of Fashion Design, Technology and Education*, 2011; 4 (2): 141-150.
- Shin D.-H, Jung J and Chang B.-H. The psychology behind QR codes: User experience perspective. *Computers in Human Behavior*, 2012; 28: 1417-1426.
- Soon T J. QR Code. *Synthesis Journal, Section three* 2008; pp.59-78
- Soon, T.J. QR Code: The 2D Code of the 21st Century and Its Applications, *Synthesis Journal, Section one* 2002; pp. 6-14
- Fuhr B. *Handbook of Augmented Reality*, Springer, New York, Dordrecht, Heidelberg, London 2011, pp. 339 – 352.
- Kato H and Tan K T. Pervasive 2D Barcodes for Camera Phone Applications. *IEEE Pervasive Computing*, 2007; 6 (4): 76-85.
- Saville B P. *Physical testing of textiles*, The Textile Institute, Woodhead Publishing, Cambridge England 1999, pp. 168-183.
- Tomljenović A, Šikić M and Glogar M I. Functionality Evaluation of Children Summer Knitwear. *Book of Proceedings of the 5th International Textile, Clothing & Design Conference*, University of Zagreb, Faculty of Textile Technology, Dubrovnik, Croatia, 3<sup>rd</sup>-6<sup>th</sup> October 2010, pp. 741-746.
- EN ISO 105-C06:2010 Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering.
- EN ISO 105-X12: 2002 Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing.
- EN ISO 105-C07: 2001 Textiles - Tests for colour fastness - Part C07: Colour fastness to wet scrubbing of pigment printed textiles.
- EN 20105-A02: 1994 Textiles - Tests for colour fastness - Part A02: Grey scale for assessing in colour.
- EN 20105-A03:1994 Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining.
- QR Code and 2D Code Generator / Kerem Erkan, Available from: <http://keremerkan.net/qr-code-and-2d-code-generator/>, Accessed: 01.12.2012.
- 3GVision, Available from: <http://i-nigma.com/i-nigmahp.html>, Accessed: 10.01.2013.
- Kipphan H. *Handbook of Print Media*, Springer, Berlin, 2001, pp 55-58.
- Zjakić I, Parac-Osterman Đ and Glogar MI. Influence of a textile surface structure on raster value increase in screen printing. *Tekstil*, 2011; 60 (1): 1-8.
- EN ISO 12947-3:1998+AC: 2006 Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 3: Determination of mass loss.
- EN ISO 12945-2: 2000 Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 2: Modified Martindale method.
- EN ISO 6330: 2012 Textiles - Domestic washing and drying procedures for textile testing.
- Sharma G, Wu W, Dalal E N. The CIEDE2000 color-difference formula: Implementation notes, supplementary test data, and mathematical observations. *Color Research & Application* 2004; 30 (1): 21–30.
- EN ISO 105-A05: 1997 Textiles - Tests for colour fastness - Part A05: Instrumental assessment of changes in colour for determination of grey scale rating.
- EN ISO 105-A04: 1999 Textiles - Tests for colour fastness - Part A04: Method for instrumental assessment of the degree of staining of adjacent fabrics.

Received 12.05.2014 Reviewed 11.12.2015



## III Trade Fair for Technical Textiles

### Innovatex 2016 Conference

12-13/10/2016, Łódź, Poland



#### EXHIBITION FACILITIES

Expo-Łódź, Al. Politechniki 4, 93-590 Łódź, Poland

A meeting of business and science in the centre of Poland

#### Why Łódź:

Łódź is one of the largest cities in Poland, located in the centre of the country.

- It is the Polish capital of the textile industry, with a long tradition dating back to the nineteenth century
- It is a center of modern textile technology
- there are headquarters of scientific research institutes
- It has intellectual and production potential for the textile industry (Lodz University of Technology, Institute of Biopolymers and Chemical Fibers, Textile Research Institute, Institute of Security Technologies MORATEX, Polish Textile Association, Institute of Leather Industry)

FOR MORE INFORMATION PLEASE CONTACT:

**Edyta Winiarska**  
Project Manager  
phone: +48 42 633 10 69 mobile: +48 605 672 517  
mail: [e.winiarska@targi.lodz.pl](mailto:e.winiarska@targi.lodz.pl)  
see also page 152