The following list contains the papers that have been reviewed and selected for sending to the publisher of the AUTEX 2017 proceedings. The presence of a paper in this list does not guarantee the final publication of the paper, since the publisher will make additional checks regarding the layout, the format and the references of each paper. For this reason it is highly recommended all authors to make a final check in their papers and send any corrected paper until Sunday 01.10.2017.

01. Advanced Fibres and Materials

A novel method for determination of occurrence order of stabilization reactions in carbon fiber precursor
S Arbab , H Mirbaha , A Zeinolebadi and P Nourpanah

Mechanical and durability characteristics of externally GFRP reinforced unsaturated polyester polymer concrete
H Bouguessir, E Harkati , M Rokbi and G Priniotakis

Exergy analysis of encapsulation of photochromic dye by spray drying
A Çay, E P Akçakoca Kumbasar and S Morsünbül

Flame-resistant pure and hybrid woven fabrics from basalt
H Jamshaid , R Mishra and J Militky

Enhancement of Spartium junceum L. fibres properties
Z Kovačević , S Bischof and A Antonović

Evaluation of the morphology of metal particles in intrinsic conductive polymer dispersion for digital printing
E Lempa , C Graßmann , M Rabe , A Schwarz-Pfeiffer and L Van Langenhove

Characterization of orange oil microcapsules for application in textiles

02. Innovative Functional Textiles

CNTs in polymer melt: The influence on dispersion by sonication
M Bischoff, T Gries and G Seide

Preparation and properties of electro-conductive fabrics based on polypyrrole: covalent vs. non-covalent attachment
N C David, D Anavi, M Milanovich, Y Popowski, L Frid, and E Amir

Differentiation of molecular chain entanglement structure through laser Raman spectrum measurement of High strength PET fibers under stress
D Go, W Takarada and T Kikutani

Woven metamaterials with an electromagnetic phase-advance for selective shielding
C Huppé, C Cochrane, L Burgnies, F Rault, G Ducournau, E Lheurette , V Koncar, D Lippens
Soil-release behaviour of polyester fabrics after chemical modification with polyethylene glycol
T M R Miranda, J Santos and G M B Soares

03. Technical Textiles Composites and Membranes

Effect of jute fibre treatment on moisture regain and mechanical performance of composite materials
A Ali, V Baheti, A Jabbar, J Militky, S Palanisamy, H F Siddique and D Karthik

A review on utilization of textile composites in transportation towards sustainability
N M Aly

Analysis of the deformation speed of adaptive fiber reinforced plastics with variable hinged width
M Ashir, C Theiß, A Nocke and C Cherif

Mechanical properties of flax roving composites reinforcement
K Czub and M Barburski

Robot-guided eddy current measurement of yarn orientation change during stepwise 3D draping
G Bardl, A M Khan, A Nocke and C Cherif

Multi-layer structures with thermal and acoustic properties for building rehabilitation
J Bessa, C Mota, F Cunha, F Merino and R Fangueiro

One-step manufacturing of innovative flat-knitted 3D netshape preforms for composite applications
Q Bollengier, F Wieczorek, S Hellmann, W Trümper and C Cherif

Study of the internal confinement of concrete reinforced (in civil engineering) with woven reinforcement
M Dalal, O Goumairi and A El Malik

Use of air permeability for determination of equivalent average pore diameter in woven fabrics
K Dimitrovski, Ž Zupin, K Kostajnšek and E Branca

Innovative monitoring of 3D warp interlock fabric during forming process
C Dufour, I Jerkovic, P Wang, F Boussu, V Koncar, D Soulat, A M Grancaric and P Pineau

Literature review of tufted reinforcement for composite structures
I Gnaba, X Legrand, P Wang and D Soulat

Multi-layered sensor yarns for in situ monitoring of textile reinforced composites
E Haentzsche, T Onggar, A Nocke, R D Hund and Ch Cherif

Properties of CF/PA6 friction spun hybrid yarns for textile reinforced thermoplastic composites
M M B Hasan, S Nitsche, A Abdkader and Ch Cherif
Low-velocity impact behavior of weft-knitting spacer fabric reinforced composites based on energy absorption
F Hasanalizadeh, H Dabiriyan and M Sadighi

Mechanical behavior of nanocellulose coated jute/green epoxy composites
A Jabbar, J Militký, A Ali and M U Javed

Development of PLA hybrid yarns for biobased self-reinforced polymer composites
T Köhler, T Gries and G Seide

High strength and low weight hollow carbon fibres
T Köhler, R Brüll, F Pursche, J Langgartner, G Seide and T Gries

Optimization of process parameters during carbonization for improved carbon fibre strength
T Köhler, F Pursche, P Burscheidt, G Seide and T Gries

Cost efficient carbon fibre reinforced thermoplastics with in-situ polymerization of polyamide
T Köhler, M Akdere, T Röding, T Gries and G Seide

Development of glass fibre reinforced composites using microwave heating technology
T Köhler, K Vonberg, T Gries and G Seide

Triboelectric effect in energy harvesting
I Logohetis, S Vassiliadis and E Siores

Tailored material properties using textile composites
C M Pastore

Preparation of activated carbon fabrics from cotton fabric precursor
R Salehi, F Dadashian and M Abedi

Possibilities to improve electromagnetic shielding of plaster composites adding carbon fibers
A Samková, P Kulhavý and M Pechočiaková

An investigation into low-velocity impact resistance and tensile strength of aluminium-glass fabric hybrid composite
S M Saniei, H Mashroteh and M Hadizadeh

Application of waterproof breathable fabric in thermal protective clothing exposed to hot water and steam
Y Su, R Li, G Song and J Li

Effect of sea component dissolution on fibrous structure of islands-in-the-sea spunbond nonwovens
F Suvari, Y Ulcay and B Pourdeyhimi

Innovative cellular distance structures from polymeric and metallic threads
F Wieczorek, W Trümper and C Cherif

Preparation and study on the structure of keratin/PVA membrane containing wool fibers
M Wu, S Shen, X Yang and R Tang

Impact behaviour of auxetic Kevlar®/epoxy composites
S Yang, V B Chalivendra and Y K Kim
04. Protective Textiles

Development of adaptive bust for female soft body armour using three dimensional (3D) warp interlock fabrics: Three dimensional (3D) design process
M A Abtew, P Bruniaux and F Boussu

An investigation on sewability of X-ray protective fabrics
N Aral, B Nergis, C Candan, A O Tümsek, T Y Bozkurt and İ G Gür

Effect of structural parameters on burning behavior of polyester fabrics having flame retardancy property
E K Çeven and G K Günaydın

Intumescent formulations based on lignin and phosphinates for the bio-based textiles
N Mandlekar, A Cayla, F Rault, S Giraud, F Salaün, G Malucelli and J Guan

Antifungal activity of fabrics knitted by metalized Silver/Polyester composite yarn
İ Özkan and P Duru Baykal

Flammability on textile of flight crew professional clothing
M C Silva-Santos, MS Oliveira, A M Giacomini, M C Laktim and J Baruque-Ramos

05. Medical Textiles, Tissue Engineering, Implants

Effect of textiles structural parameters on surgical healing; a case study
A Ali Marwa

Evaluation of optical data gained by ARAMIS-measurement of abdominal wall movements for an anisotropic pattern design of stress-adapted hernia meshes produced by embroidery technology
A Breier, L Bittrich, J Hahn and A Spickenheuer

Hydrophilic-impermeable modified polyethylene terephthalate for selective endothelialization
D Chetouane, J F Fafet, R Barbet and F Dieval

Electrospun polymeric dressings functionalized with antimicrobial peptides and collagen type I for enhanced wound healing
H P Felgueiras and M T P Amorim

Stress adapted embroidered meshes with a graded pattern design for abdominal wall hernia repair
J Hahn, L Bittrich, A Breier and A Spickenheuer

Composite fibrous glaucoma drainage implant
A Klapstova, J Horakova, A Shynkarenko and D Lukas

Combining material and structural elasticity – An approach to enhanced compliance of small-calibre vascular grafts
A Loewen, K-M Kossel, V Gesché, T Gries and S Jockenhoevel
Development of electrospun composite as substitutive diaphragm membrane
E Mohsenzadeh, N Khenoussi, L Schacher, D Adolphe, J Hemmerlé, A Schneider, N Bahlouli and C Wagner-Kocher

Textile structures from hyaluronan based core-shell fibers
T Pitucha, K Lipenska, J Kubickova, V Zapotocky and V Velebny

The potential of improving medical textile for cutaneous diseases
C D Radu, A Cerempei, Salariu M, Parteni O, Ulea E and Chr Campagne

Production of yarns composed from oriented nanofibers for ophthalmological implants
A Shynkarenko, A Klapstova, A Krotov, M Moucka and D Lukas

06. Smart-Interactive and Multifunctional Textiles

Implementing traceability using particle randomness based textile printed tags
T K Agrawal, L Koehl and C Campagne

Design of an electronic chest-band
R Atakan, H Acikgoz Tufan, H Baskan, S H Eryuruk, N Akalin, H Kose, Y Li, S Kursun Bahadir and F Kalaoglu

The interactive optical fiber fabrics for smart interior environment
Z Q Bai, A H Dong, Z Y Du and J Tan

Running functional sports vest and short for e-textile applications
H Baskan, S Kursun Bahadir, H Acikgoz, R Atakan, H Eryuruk, N Akalin, H Kose, Y Li, F Kalaoglu

Exploring dynamic lighting, colour and form with smart textiles
I Cabral, C Silva, L Worbin and A P Souto

A Comparative thermophysiological study in sport bras for running
L P Carneiro, T M R Miranda and A Catarino

Flexible force sensors for e-textiles
H Carvalho, LM. Gonçalves and Y Yao

Smart wheelchair: integration of multiple sensors
H E Gassara, S Almuhamed, A. Moukadem, L Schacher, A Dieterlen and D Adolphe

Textile sensors for stab and cut detection
C Graßmann, M Obermann, E Lempa, A Schwarz-Pfeiffer, T Bache, P K Siegel, T Freyer, M Kirsche, S Paschko and T Beyer

Removing nickel from nickel-coated carbon fibers
A Hardianto, C Hertleer, G De Mey and L Van Langenhove
Manufacturing of polylactic acid nanocomposite 3D printer filaments for smart textile applications
R Hashemi Sanatgar, C Campagne and V Nierstrasz

Adaptive Bra Designs for the Individuals with Special Needs
A Imran, E Drean, L Schacher, D Adolphe

Investigation of the influence of heat transfer on screen printed textile transmission lines
I Kazani, G De Mey, C Hertleer, G Guxho and L Van Langenhove

Physical properties of ZrC/Al2O3 imbedded heat storage woven fabrics
S J Kim, M K Song, K O Seo and H.A Kim

Effects of thermal energy harvesting on the human – clothing – environment microsystem
A C Myers, J S Jur

Development of 2D and 3D structured textile batteries processing conductive material with Tailored Fibre Placement (TFP)
M Normann, T Grethe, K Zöll, A Ehrmann and A Schwarz-Pfeiffer

A comparison of the accuracy of the smart sock system to force platform and optical system for measurement of temporal parameters of locomotion
A Oks, A Katashev, E Bernans and V Abolins

Study on textile comfort properties of polypropylene blended stainless steel woven fabric for the application of electromagnetic shielding effectiveness
S Palanisamy, V Tunakova and J Militky

Integration methods for thermosensitive gel systems in garments
A Reich, H Rödel, A Stoll, A Liske and D Zehm

Chitosan-Carboxymethylcellulose based microcapsules formulation for controlled release of active ingredients from cosmeto-textile
J C Roy, A Ferri, F Salaün, S Giraud, G Chen and G Jinping

Investigation of the technology of conductive yarns manufacturing
D Ryklin and S Medvetski

Sound absorption of textile material using a microfibers resistive layer
M P Segura Alcaraz, M A Bonet-Aracil, J G Segura Alcaraz and I J Montava Segui

Characterization and optimization of an inkjet-printed smart textile UV-sensor cured with UV-LED light
S Seipel, J Yu, V A Nierstras, M Viková and M Vik

Modification of cotton fabric with temperature/pH responsive hydrogel: influence of particles size
D Štular, B Tomšič, B Simončič, I Jerman, M Mihelčič and M Čolović

Electromechanical properties of polyamide/lycra fabric treated with PEDOT:PSS
M G Tadesse, D A Mengistie, C Müller, C Loghin, Y Chen, L Wang and D Catalin, V Nierstrasz

Development of mono-component and tri-component fibers 100% polymer based piezoelectric PVDF to harvest energy
07. Textile Processing

A novel washing algorithm for underarm stain removal
H Acikgoz Tufan, I Gocek, U K Sahin and I Erdem

Study of the stretching force of the needle's thread in the work with woollen textiles
S Andonova and I Rahnev

FR Performance of New Fire-off on PET/CO blend fabrics
R Atakan, E Celebi, G Ozcan, N Soydan and A S Sarac

Effect of pigment concentration on fastness and colour values of thermal and UV curable pigment printing
G Baysal, B Kalav and B Karaguzel Kayaoğlu

The Arrangement of the Fibers in the Yarn and Effect on its Strength
H T Bobajonov, J K Yuldashev, J K Gafurov and K Gofurov

Development auxiliaries for dyeing polyester with disperse dyes at low temperatures
F J Carrión Fite and S Radei

An investigation on effect of elastane draw ratio on air permeability of bi-stretch denim fabrics
H I Celik, H K Kaynak

Application of wool reactive dyes for hair coloration
D Chae and J Koh

Ozone bleaching of cellulose
H A Eren and S Eren

Decolorisation of disperse dark blue 148 with ozone
S Eren, I Yetisir and H A Eren

Supercritical carbon dioxide for textile applications and recent developments
H A Eren, O Avinc and S Eren

Fatigue behaviour of core-spun yarns containing filament by means of cyclic dynamic loading
S Esin and B Osman

Improving quality of OE spun yarn
J K Gafurov, S Vassiliadis and K Gofurov
The effect of warp tension on the colour of jacquard fabric made with different weaves structures
A Karnoub, N Kadi, O Holmudd, J Peterson and M Skrifvars

Individual customizable in-store textile production
M Kemper, D Bücher, Y-S Gloy and T Gries

Wet spinning PAN-fibres from aqueous solutions of ZnCl2 and NaSCN
T Köhler, S Peterek, T Gries and G Seide

On the technological development of cotton primary processing, using a new drying-purifying unit
M M Agzamov, S Z Yunusov and J K Gafurov

Compressibility and resiliency properties of wilton type woven carpets produced with different fiber blend ratio
B Osman, S Esin and O Sıdıka Ziba

Preliminary study on the correlation between color measurement of dyed polyester and its image files
Y K Park, Y C Park

Disperse dyeing properties of (easy dyeable polyester)/spandex blend
M M Rahman, S M Mamun Kabir, and J Koh

08. Innovative Textile Structures

Properties of elastic fabrics with treated and untreated Co/PBT yarns in weft direction
M Bizjak, H Kadoğlu, K Kostajnšek, P Çelik, G Başal Bayraktar, D. Duran, T Bedez Ute, M Ertekin and K Dimitrovski

New knitted fabric concepts for denim products
A Marmarali, G Ertekin, N Oğlakçoğlu, M Kertmen and İ S Aydın

Isotropy equilibrium of the double woven fabric with cotton face and wool reverse fibrous compositions
I Rahnev and G Rimini

3D knitting using large circular knitting machines
K Simonis, Y-S Gloy and T Gries

2D net shape weaving for cost effective manufacture of textile reinforced composites
D M P Vo, M Kern, G Hoffmann and C Cherif
09. Nanotechnology, Nanotextiles, Electrospinning

Electrospun nanofiber membranes for adsorption of dye molecules from textile wastewater
C Akduman, E P A Kumbasar and S Elemen

Health and safety concerns of textiles with nanomaterials
L Almeida and D Ramos

Preparation of stable dispersion of ZnO nanorods and its application on cotton fabric for functional properties
M Ashraf, T Hussain, M Tabassum and A Javid

Development of an Electrospinning Drafting System
N J R Belino, T R A Barata and R Paul

Silk fibroin from silk fibrous waste, characterization and electrospinning
A Gaviria, S Sanchez-Diaz, A Rios, M S Peresin and A Restrepo-Osorio

Electrospinning and stabilization of chitosan nanofiber mats
N Grimmelsmann, T Grothe, S V Homburg and A Ehrmann

Coaxial nanofibers containing TiO2 in the shell for water treatment applications
N Kizildag, J Geltmeyer, N Ucar and K de Clerck

Additives influence on spinning solution and nanoweb properties
S Kukle, S Jegina, A Sutka and R Makovska

Preparation and characterization of Schiff base Cu(II) complex and its Applications on textile materials
G Oylumluoglu and J Oner

Double dielectric barrier (DBD) plasma-assisted deposition of chemical stabilized nanoparticles on polyamide 6,6 and polyester fabrics
A I Ribeiro, C Rius, M Modic, U Cvelbar, A P Souto and A Zille

Preparation of various nanofibrous composite membranes using wire electrospinning for oil-water separation
F Yalcinkaya, A Siekierka, M Bryjak and J Maryska

Structural coloration of chitosan-cationized cotton fabric using photonic crystals
G Yavuz, A Zille, N. Seventekin and A P Souto

10. Biopolymers and Biotechnology

Chitosan pretreatment for cotton dyeing with black tea
J Campos, P Díaz-García, I Montava, M Bonet-Aracil and E Bou-Belda

Bio-functionalization of conductive textile materials with redoxenzymes
M Kahoush, N Behary, A Cayla and V Nierstrasz
11. Surface Functionalization and Coating

Ceramic coatings for water-repellent textiles
C Colleoni, E Guido, V Migani, V Trovato and G Rosace

Comparison of binder influence and rigidity on knitting fabrics treated with PCMs by padding and coating
Ç D Dirlik-Uysal, E Bou-Belda, M Bonet-Aracil, N Belino, P Diaz-Garcia and I Montava

Determination of the resistance of fabric printed with triclosan microcapsules to the action of soil micro-flora
B Golja and P Forte Tavcer

At the nano-level modified cotton knitwear prototype development
S Kukle, S Vihodceva, D Belakova, B Lukasevica and A Riepniece

PVC-based synthetic leather to provide more comfortable and sustainable vehicles
I Maia, J Santos, MJ Abreu, T Miranda, N Carneiro and G M B Soares

Plasma-assisted deposition of microcapsule containing Aloe vera extract for cosmeto-textiles
S Nascimento do Carmo, A Zille and A P Souto

The comparison of the three methods of specific surface evaluation – adsorptive porosimetry, inverse gas chromatography and mathematical method.
E Pabjanczyk-Wlazlo and A Komisarczyk

Intumescent flame retardant properties of graft copolymerized vinyl monomers onto cotton fabric.
G Rosace, C Colleoni, V Trovato, G Iacono and G Malucelli

A multifunctional cotton fabric using TiO2 and PCMs: introducing thermal comfort and self-cleaning properties
F A P Scacchetti, E Pinto and G Soares

Development of self-cleaning denim fabrics
Ş S Uğur, A. M Sarıışık, E Çavuşlar and M Ertek

Influence of crosslinker structure on performance of functionalised organic-inorganic hybrid sol-gel coating
J Vasiljević, M Zorko, D Štular, B Tomšič, I Jerman, B Orel, J Medved and B Simončič

Photo-grafting polymerization, microstructure and hydrophilicity of spun-blown polypropylene nonwoven fabric
X Zhu, X Shi and Z Pan
12. Textile and Clothing Machinery

Industry 4.0 – How will the nonwoven production of tomorrow look like?
F Cloppenburg, A Münkel, Y Gloy and T Gries

Evaluation of bending rigidity behaviour of ultrasonic seaming on woven fabrics
A Ş Macit and B Tiber

Development and testing of a relay nozzle concept for air-jet weaving
A Münkel, Y S Gloy and T Gries

‘Spacer stitching’, an innovative material feeding technology for improved thermal resistance
H Saeed, H Rödel, S Krzywinski and L Hes

13. Textile Testing, Measuring Technology

A new physical method to assess handle properties of fabrics made from wood-based fibers
M Abu-Rous, E Liftinger, J Innerlohinger, B Malen and S Vasile

Characterization of fiber diameter using image analysis
S Baheti and M Tunak

Visualization of flow during cleaning process on a liquid nanofibrous filter
P Bilek

The reliability of the newly developed bending tester for the measurement of flexural rigidity of textile materials
A Binti Haji Musa, B Malengier, Van Langenhove and C Stevens

Effect of fiber blending ratios of cotton/polyester yarns on retained spliced diameter
H İ Çelik and H K Kaynak

Moisture sorption in naturally coloured cotton fibres
Ö Ceylan and K De Clerck

Study the relation between the yarn pulling force and the bursting strength of single jersey knitted fabric
S Y El-Tarfawy

Monitoring in situ in real time of resin infusion for thermoset composite structures
A Faci, C Cochrane, P Wang and V Koncar

Selecting wool-type fabrics for sensorial comfort in women office clothing for the cold season, using the multi-criteria decision analysis
R Harpa

Application of Image Analysis Method for Measurement of Fabric Stretch Deformation
N Jariyapunya and S Baheti

In situ determination of pore sizes of high density polyester woven fabrics under biaxial loading
R T Kocaman, S Ali Malik, D Aibibu and C Cherif
Comfort and microbial barrier properties of garments worn next to the skin
D Kopitar, B Rogina-Car and Z Skenderi

Effect of cyclic loading on the car seat’s seams
N Kovalova, J Geršak and A Havelka

Visual Colour Fastness Assessments for Multi-coloured Fabrics
K Kuramoto, M Yoshihisa, S Kitaguchi and T Sato

Prediction of plain woven fabrics appearance based on yarn surface-area measurement system (YSMS)
G Z Li, Z Zhao, N T Akankwasa and J Wang

Testing methods of pressure distribution of bra cups on breasts soft tissue
B Musilova, R Nemcokova and M Svoboda

In-Vivo Human Skin to Textiles Friction Measurements
L Pfarr and B Zagar

The novel measuring method for screening and assessing chromium content in clothes and shoes materials
R Salerno-Kochan

Microbial barrier permeability and thermophysiological and mechanical properties of static dissipative woven fabric system
I Schwarz, B Rogina-Car and D Kopitar

New experimental device for measuring the inter-fiber transversal friction
A Shanwan, H-E Gassara, G Barbier and A Sinoimeri

Research on mechanical and sensoric set-up for high strain rate testing of high performance fibers
R Unger, P Schegner, A Nocke and C Cherif

14. CAD-CAE Technology, Mass Customisation

Evaluation of three-dimensional virtual perception of garments
G Aydogdu, S Yesilpinar and D Erdem

Improvement of Workwear Clothing for Army
D Belakova, I Dabolina, I Baltina and G Zommere

Usage of noncontact human body measurements for development of army work wear Trousers
I Dāboliņa, E Lapkovska and A Viļumsone

Mass Customized Technical Textiles in the B2B Sector
R Gebhardt, M Barteld, L Grafmüller, T Mosig and M Weiß

Big data in fashion industry
S Jain, J Bruniaux, X Zeng and P Bruniaux
3D Product development for loose-fitting garments based on parametric human models
S Krzywinski and J Siegmund

Analysis of dynamics and fit of diving suits
M Mahnic Naglic, S Petrak, J Gersak and T Rolich

15. Modelling and Simulation

Finite volume analysis of airflow field in the dual-feed and conventional rotor spinning unit
N T Akankwasa, H T Lin and J Wang

Drape simulation and subjective assessment of virtual drape
E Buyukaslan, F. Kalaoglu and S Jevsnik

The construction phase’s influence to the moving ability of cross-sections of woven structure
D Inogamdjanov, A Daminov and O Kasimov.

The effect of fabric position to the distribution of acoustic field in ultrasonic cleaning baths
B O Gurses, A O Özdemir, Ö Tonay, M Şener and S Perincek

From the organic thin film transistor to the 3-D textile organic cylindrical transistors – perspectives, expectations and predictions
E Louris, D. Stefanakis, G Priniotakis, L Van Langenhove and D Tassis

Optimization of cylindrical textile organic field effect transistors using TCAD simulation tool
E Louris, G Priniotakis, L Van Langenhove and D Tassis

Quantitative validation of 3D garment simulation software for determination of air gap thickness in lower body garments
E Mert, A Psikuta, M Arevalo, C Charbonnier, C Luible-Bär, M A Bueno and R M Rossi

Parametric Modelling Design Applied on Weft Knitted Surface and Its Effects in their Physical Properties
N P Oliveira, L Maciel, A P Catarino and A M Rocha

Simulation of the pile loop for terry woven fabrics
E Oner, G Durur and B Sirin

Evaluation and optimization of footwear comfort parameters using finite element analysis and a discrete optimization algorithm
P Papagiannis, P Azariadis and P Papanikos

Predicting compact yarn’s IPI faults by using HVI fiber properties
M B Üzümcü and H Kadoğlu

Investigation of the impact of weave repeat on woven fabric texture characterization using dictionary learning
Y Wu, J Wang

Comprehensive evaluation of garment assembly line with simulation
Y Xu, S Thomasey, Y CHEN and X Zeng
16. Fashion, Design and Garment Industry

Anthropometry for children’s clothing: difficulties and limitations
G Bezerra, M A Carvalho, M A V Rocha and B Xu

The effects of fabric type, fabric width and model type on the cost of unit raw material in terms of apparel
H Bilgic and P D Baykal

Creating a business model from the traditional to global fashion: the regional Vianesa costume as inspiration
A C Broega, E Gonçalves and R Ribeiro

Dependent seniors garment design
A L Caldas, M A Carvalho and H P Lopes

Anthropometric data collection of Portuguese children using 3D body scanning: considerations about the scanning booth
R de Campos, M A Carvalho, H P Lopes and B Xu

Sizing for the apparel industry using statistical analysis – a Brazilian case study
C H Capelassi, M A Carvalho, C El Kattel and B Xu

Classification of male lower torso for underwear design
Z Cheng and V E Kuzmichev

The CAL: cognitive, apperceptive and representative aspects of fashion design – Side note to neuro aesthetical theories
E Csanák

Romanian traditional motif - element of modernity in clothing
L Doble, O Stan, M D Suteu, A Albu, G Bohm and A Tsatsarou-Michalaki

Analysing the consumer behaviour and the influence of brand loyalty in purchasing sportswear products
N Erdumlu, C Saricam, M Tufekyapan, M Cetinkaya, AC Donmez

Showroom10: Greek designers showroom
E Evgeneiadou

An investigation into creative design methodologies for textiles and fashion
A Gault

An investigation of application of the golden ratio and Fibonacci sequence in fashion design and pattern making
Z I Kazlacheva

Effect of bust line position on appearance of upper garment
K O Kim, M Sakaguti and M Takatera

Trousseau: economic and design evolution from the second half of 20th century in Brazil
M C Laktim, A M Giacomini, M C Silva-Santos, H N Santos, C Borelli and J Baruque-Ramos

Motion-oriented 3D analysis of body measurements
C Loercher, S Morlock and A Schenk
Individual 3D measurements of end users to personalize work wear clothing
E Mielicka, L Napieralska, I Jasińska and V Jarzyńska

Traditional, fashion and new perspective on fashion tourism
Z Montazer and F Z Bidoki

A slow fashion design model for denim jeans using house of quality approach
B Nergis, C Candan, S Sarsaltik, N Seneloglu, R Bozuk and K Hamzayev

The interconnected fashion industry - an integrated vision
E Papahristou, P Kyratsis, G Priniotakis, N Bilalis

Design of an inclusive & interactive educational textile toy
C Pereira and J Cunha

Fashion showcases design: perceptions of the showcase in the brazilian popular market.
S S D Pinto, J L Cunha, J P Quental and C Buhamra

Varying fabric drape by 3D-imprinted patterns for garment design
T Spahiu, S Fafenrot, N Grimmelsmann, E Piperi E Shehi and A Ehrmann

Determination of consumer awareness about sustainable fashion
C Saricam, N Erdumlu, A Silan, B L Dogan and G Sonmezcan

Style in knitted textiles and fashion
M Štemberger and A Pavko Čuden

Fashion in the golden age of Yugoslavian 20th century textile and clothing industry
T Todorović and A Pavko Čuden

Life cycle design and design management strategies in fashion apparel manufacturing
R Tutia, FD Mendes and A Ventura

Interpretation of clothing heritage for contemporary tourism
J Vilman Proje and M Bizjak

New database for improving virtual system “body-dress”
J Q Yan, S C Zhang and V E Kuzmichev

17. Comfort Science

Subjective evaluation of the comfort of popular denim: elaboration and validation of the the data
I Braga, M J Abreu and M Oliveira

Thermal comfort of dual-chamber ski gloves
F Dotti, M Colonna and A Ferri

Moisture management properties of Cupro knitted fabrics
G Durur, E Oner and G Gunduz
Heat and moisture transport of socks
P Komarkova, V Glombikova and A Havelka

Design of a light weight fabric from natural cellulosic fibers with improved moisture related properties
M Kucukali Ozturk, O B Berkalp and B Nergis

Design of a thermal waist-pad
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