

**CORTEP'2014 - Accepted papers (10.08.2014)**

| Reg. Nr. | Author  | Affiliation   | Country                                       | Paper Title  | Pres.  |
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| 4        | <u>Selcen Ozkan Hacıogullari</u> ,<br>Osman Babaarslan  | Çukurova University, Adana,<br>Turkey   | Turkey  | Structural analysis and mechanical properties of polypropylene filament yarns containing flame retardant additive  | Oral   |
| 5        | <u>Ion Verzea</u> <sup>1</sup> ,<br>Gabriel-Petru Luca <sup>1</sup><br>Irina Cozmîncă <sup>1</sup> ,<br>Rachid Chaib <sup>2</sup> | <sup>1</sup> "Gheorghe Asachi" Technical<br>University of Iasi, <sup>2</sup> Mentouri<br>University of Constantine, Algeria | <sup>1</sup> Romania,<br><sup>2</sup> Algeria | RCM applying methodology in the textiles firms activity  | Poster |
| 6        | <u>Ion Verzea</u> ,<br>Gabriel-Petru Luca   | "Gheorghe Asachi" Technical<br>University of Iasi   | Romania                                       | Production costs assessment in the clothing industrie by using the conventional work units   | Poster |
| 7        | <u>Mathivanan Selvaraj</u> ,<br>R.Mohan, B.N.Das  | Central Leather Research<br>Institute, Chennai, India   | India   | Investigation on Cushioning Behaviors of PU Foams as Footwear inserts for Higher BMI People  | Oral   |
| 8        | Adina Golinschi, <u>Mihaela Baritz</u> ,<br>Diana Cotoros,<br>Daniela Barbu   | University Transilvania from<br>Brasov  | Romania                                       | Evaluation by digital microscopy of insoles anizotropic structures subjected to mechanical deformations  | Oral   |
| 9        | Adina Golinschi, <u>Mihaela Baritz</u> ,<br>Diana Cotoros,<br>Daniela Barbu   | University Transilvania from<br>Brasov  | Romania                                       | Correlative analysis methodology for plantar pressure versus footwear type during gait cycle   | Poster |
| 10       | <u>Ionesi Dorin</u> , Luminița<br>Ciobanu, Mariana Ursache  | "Gheorghe Asachi" Technical<br>University of Iasi   | Romania                                       | Mathematical correlation between section lines in 3D shapes and fashioning lines in 3D knitted fabrics   | Oral   |
| 11       | <u>Daniela Liute</u> , Adrian Buhu  | "Gheorghe Asachi" Technical<br>University of Iasi   | Romania                                       | Technological relations for automatic control of preliminary beams braking for warping machine stopping at yarn breakage, after a warp constant length wrapped | Poster |
| 12       | <u>Daniela Liute</u> , Adrian Buhu  | "Gheorghe Asachi" Technical<br>University of Iasi   | Romania                                       | Technological relations for automatic control of sectional warping drum braking for machine stopping at yarn breakage, after a section constant length wrapped | Poster |
| 13       | <u>Aileni Raluca Maria</u> , Surdu<br>Lilioara, Ovidiu Iordache   | National Research &<br>Development Institute for Textiles<br>and Leather, Bucharest   | Romania                                       | New perspectives in plasma treatmets for textile functionalization   | Poster |
| 14       | <u>Ayben Pakolpakcil</u>  | ITKIB ITA Istanbul Textile<br>Research and Development Centre   | Turkey  | Dyeing of polyamide fabrics with a natural dye   | Oral   |

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| 15 | <u>Aileni Raluca</u> Maria, Surdu Lilioara  | National Research & Development Institute for Textiles and Leather, Bucharest   | Romania                                      | Textile functionalization plasma processes modeling for chitosan submission                            | Oral   |
| 16 | <u>Lilioara Surdu</u> <sup>1</sup> , Ioan Cioara <sup>2</sup> , Mariana Vamesu <sup>1</sup><br>Ion Razvan Radulescu <sup>1</sup>  | <sup>1</sup> INCDTP-Bucharest<br><sup>2</sup> Technical University "Gh. Asachi" – Iasi  | Romania                                      | Technical textiles performed by plasma treatment   | Poster |
| 17 | <u>Claudia Niculescu</u> <sup>1</sup> , Iuliana Dumitrescu <sup>1</sup> , Carmen Ghituleasa <sup>1</sup> , Ana-Maria Mocioiu <sup>1</sup> , Roxana Piticescu <sup>2</sup> , Mirela Petriceanu <sup>2</sup> , Cristian Bogadanesu <sup>2</sup> , Arcadie Sobetkii <sup>3</sup> , Cristina Serrano Selva <sup>4</sup> | <sup>1</sup> National R&D Institute for Textiles and Leather, Bucharest,<br><sup>2</sup> INCDMNR-IMNR Romaniaia<br><sup>3</sup> SC MGM STAR CONSTRUCT SRL, Bucharest<br><sup>4</sup> INNOVACIO I RECERCA INDUSTRIAL I SOSTENIBLE, Barcelona – | <sup>1,2,3</sup> Romania, <sup>4</sup> Spain | TiO <sub>2</sub> nanoparticles and method of physical deposition on textiles and wood                  | Oral   |
| 20 | <u>Lilioara Surdu</u> <sup>1</sup> , Carmen Ghiuleasa <sup>1</sup> , Ioan Cioara <sup>2</sup> , Gheorghe Nicula <sup>1</sup> Ovidiu Iordache <sup>1</sup> , Ion Razvan Radulescu <sup>1</sup>   | <sup>1</sup> INCDTP-Bucharest<br><sup>2</sup> Technical University "Gh. Asachi" – Iasi  | Romania                                      | Study regarding MEDTECH articles with anti-microbial properties  | Oral   |
| 22 | <u>Liliana Lutic</u>  | Gheorghe Asachi" Technical University of Iasi"  | Romania                                      | A necessity of this day and age - The creation of clothing products with high solar protection factor  | Poster |
| 23 | <u>Liliana Lutic</u>  | Gheorghe Asachi" Technical University of Iasi"  | Romania                                      | Eco-labeling - A step towards a healthier life   | Poster |
| 24 | <u>Tudorel Balau Mindru</u> , Ovidiu Poiana, Melinda Pruneanu, Iulia Balau Mindru, Augustin Muresan   | "Gheorghe Asachi" Technical University of Iasi  | Romania                                      | Study of microwave influence on the hydrolysis yield of human hair and wool waste keratins.            | Poster |
| 25 | <u>Tudorel Balau Mindru</u> , Emil Popa, Melinda Pruneanu, Iulia Balau Mindru, Augustin Muresan   | "Gheorghe Asachi" Technical University of Iasi  | Romania                                      | Study on the influence of electrolysis conditions on the hydrolysis of collagen from sheepskin wastes. | Poster |
| 26 | <u>Luminita Ciobanu</u> , Mioara Cretu  | "Gheorghe Asachi" Technical University of Iasi  | Romania                                      | Development of 3D knitted garments   | Poster |
| 27 | <u>Ayben Pakolpakcil</u>  | ITKIB ITA Istanbul Textile R&D Centre   | Turkey                                       | Initial study: UV-protection properties of cotton fabric dyed with orange peel                         | Oral   |
| 28 | <u>Marcela Irovan</u> , Irina Tutunaru, Stela Balan, Olga Burlacu   | Technical University of Moldova, Chisinau   | Republic of Moldova                          | Diversification of assortment of jacket-type products for men  | Poster |

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| 29 | <u>Marcela Irovan</u> , Irina Tutunaru, Stela Balan, Nadejda Chilirova  | Technical University of Moldova, Chisinau   | Republic of Moldova   | Methodological aspects of rational wardrobe   | Poster              |
| 30 | <u>Irina Tutunaru</u> , Stela Balan, Marcela Irovan, Tatiana Naumenco   | Technical University of Moldova, Chisinau   | Republic of Moldova   | Determination of anthropomorphological homogeneity of girls bodies of preschool age group                   | Poster              |
| 31 | <u>Irina Tutunaru</u> , Stela Balan, Marcela Irovan, Tatiana Naumenco   | Technical University of Moldova, Chisinau   | Republic of Moldova   | Use of body proportioning systems in designing new models of jackets for girls aged 3 to 6.5 years          | Poster              |
| 32 | <u>Stela Balan</u> , Irina Tutunaru, Marcela Irovan, Doinița Andrieș  | Technical University of Moldova, Chisinau   | Republic of Moldova   | Interference of traditional moldavian suit with the contemporary women suit                                 | Poster              |
| 33 | <u>Stela Balan</u> , Irina Tutunaru, Marcela Irovan, Doinița Andrieș  | Technical University of Moldova, Chisinau   | Republic of Moldova   | Use of specific elements of moldavian folks garments in the elaboration of new models of products for women | Poster              |
| 34 | <u>Mocanu Razvan</u> , Cioara Ioan  | “Gheorghe Asachi” Technical University of Iasi  | Romania   | A study regarding data collection methods for 3D footwear orthotics modelling                               | Poster              |
| 35 | Tatiana Sclearov, <u>Marina Malcoci</u> , Valentina Bulgaru   | Technical University of Moldova, Chisinau   | Republic of Moldova   | Diversification in the company of footwear production using CAD / CAM systems                               | Conference attendee |
| 36 | <u>Cristina Racu</u>  | “Gheorghe Asachi” Technical University of Iasi  | Romania   | The effects of heat-setting on the tensile properties of flax/polyester yarns                               | Poster              |
| 37 | Mauro Scalia <sup>1</sup> , Rui Martins <sup>2</sup> , Piero de Sabbata <sup>3</sup> , Nikolay Uzunov <sup>4</sup> , <u>Sabina Olaru</u> <sup>5</sup> , Carmen Ghituleasa <sup>5</sup> , Claudia Niculescu <sup>5</sup> , Doina Toma <sup>5</sup> | <sup>1</sup> European Apparel and Textile Confederation (EURATEX)<br><sup>2</sup> Technological Centre for the Textile&Clothing Industry of Portugal (CITEVE), <sup>3</sup> Agenzia Nazionale per le nuove tecnologie, l'energia e lo sviluppo (ENEA), <sup>4</sup> PIRIN-TEX EOOD, <sup>5</sup> National R&D Institute for Textiles and Leather - Bucharest (INCDTP) | <sup>1</sup> Belgium,<br><sup>2</sup> Portugal<br><sup>3</sup> Italy<br><sup>4</sup> Bulgaria<br><sup>5</sup> Romania | Sustainable energy saving for the european clothing industry  | Oral                |
| 38 | <u>Angela Scripcenco</u> , Olga Sugac, Jana Cirja, Angela Buștiuc, Mihaela Cazac  | Technical University of Moldova, Chisinau   | Republic of Moldova   | Morphologically variable personalized clothes for patients  | Poster              |

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| 39 | <u>Elena Dubonosova</u> , Elena Bogoduhova, Natalia Fonar, <u>Ekaterina Vozvyshaeva</u>   | Moscow State University of Technology and Management Razumovsky K.G., Institute of Textile and Light Industry, Moscow  | Russian Federation  | Development of technology of three-dimensional scan of a human figure with the use of bodyscanners company “Humansolutions” | Poster     |
| 41 | <u>Elena Dubonosova</u> , Elena Bogoduhova, Natalia Fonar, <u>Ekaterina Vozvyshaeva</u>   | <sup>1</sup> Gerber Technology Solutions, Moscow, <sup>1-4</sup> Moscow State University of Technology and Management Razumovsky K.G., Institute of Textile and Light Industry | Russian Federation  | Using of MAMAGI System for three-dimensional representation of the clothes models   | 2 Attendee |
| 42 | <u>Lubos Hes</u> <sup>1</sup> , Aura Mihai <sup>2</sup> , Mariana Ursache <sup>2</sup>  | <sup>1</sup> Technical University of Liberec, <sup>2</sup> “Gheorghe Asachi” Technical University of Iasi  | Liberec, Czech Rep. | Thermal comfort properties of the leather upholstery  | Oral       |
| 43 | <u>Mariana Cojocaru</u>   | Technical University of Moldova, Chisinau  | Republic of Moldova | Modular training in vocational technical higher education   | Poster     |
| 45 | <u>Viorica Cretu</u>  | “Gheorghe Asachi” Technical University of Iasi   | Romania             | Clothes become a real body care   | Poster     |
| 46 | <u>Mariana Costea</u> , Aura Mihai  | “Gheorghe Asachi” Technical University of Iasi   | Romania             | Advanced CAD solutions for footwear   | Poster     |
| 48 | <u>Aura Mihai</u> , Mariana Costea, Bogdan Sîrghie  | “Gheorghe Asachi” Technical University of Iasi   | Romania             | Creative transfer of innovative software solutions and 3D technologies for computer-aided footwear design                   | Poster     |
| 49 | Octavian Ion Negoita <sup>1</sup> , <u>Carmen Ghituleasa</u> <sup>2</sup> , Olivia Doina Negoita <sup>3</sup> , Anca Alexandra Purcare <sup>4</sup> | <sup>1</sup> S.C. Contrast Advertising S.R.L. <sup>2</sup> INCDTP Bucharest <sup>3,4</sup> University Politehnica of Bucharest   | Romania             | Branding process - an important factor in guiding the company towards success   | Oral       |
| 50 | Ioan Filip, <u>Doina Cascaval</u>   | “Gheorghe Asachi” Technical University of Iasi   | Romania             | Software application for mathematical modelling and optimization of stochastically textile processes                        | Poster     |
| 51 | <u>Gabriela Rusu</u> , Silvia Avasilcai   | “Gheorghe Asachi” Technical University of Iasi   | Romania             | Human resources motivation: an integrative model  | Oral       |
| 53 | <u>Alina - Lăcrămioara Apreutesei</u> <sup>1</sup> , Antonela Curteza <sup>1</sup> , Octavian Baltag <sup>2</sup>                                   | <sup>1</sup> „Gheorghe Asachi” Technical University of Iași, <sup>2</sup> “Grigore T. Popa” University of Medicine and Pharmacy of Iasi,                                       | Romania,            | Effects of electromagnetic fields on human bodies   | Oral       |

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| 54 | <u>Elena Galateanu (Avram)</u> ,<br>Silvia Avasilcăi   | “Gheorghe Asachi” Technical<br>University of Iasi  | Romania  | Collaboration versus Coopetition  | Oral   |
| 55 | <u>Daniela Bucur</u> <sup>1</sup> , Carmen<br>Ghituleasa <sup>1</sup> , Marius<br>Iordanescu <sup>1</sup> , Carmen Loghin <sup>2</sup> | <sup>1</sup> National R&D Institute for<br>Textile and Leather, Bucharest,<br><sup>2</sup> “Gheorghe Asachi” Technical<br>University of Iasi   | Romania  | Woman researcher in the textile field   | Poster |
| 56 | <u>Ana Marija Grancaric</u> , Lea<br>Botteri, Anita Tarbuk   | University of Zagreb, Faculty of<br>Textile Technology, Zagreb   | Croatia  | Bio-innovated cotton cellulose – surface free<br>energy   | Oral   |
| 57 | <u>Cosmin Mihai Nacu</u> ,<br>Silvia Avasilcăi   | “Gheorghe Asachi” Technical<br>University of Iasi  | Romania  | Comparative analysis of entrepreneurship<br>performance’ measurement initiatives                    | Oral   |
| 58 | <u>Nicolaie Ischimji</u> <sup>1</sup> , Stan Mitu<br><sup>2</sup> and Liviu Mărcuș <sup>2</sup>  | <sup>1</sup> Technical University of<br>Moldova, <sup>2</sup> “Gheorghe Asachi”<br>Technical University of Iasi  | <sup>1</sup> Republic<br>of Moldova,<br><sup>2</sup> Romania | Inner shape footwear design for patients with<br>diabetes   | Poster |
| 59 | Romulus Bulacu <sup>1</sup> , Ioan Filip <sup>2</sup><br>And <u>Mihai Ciocoiu</u> <sup>3</sup>   | <sup>1</sup> S.C.Minet, Ramnicu Valcea,<br><sup>2</sup> S.C.Filbac , Tg. Lapus,<br><sup>3</sup> “Gheorghe Asachi” Technical<br>University from Iasi                                      | Romania  | The optimization of the displacement value at<br>CRB punching test                                  | Poster |
| 60 | Ioan Filip <sup>1</sup> , <u>Mihai Ciocoiu</u> <sup>2</sup>  | <sup>1</sup> S.C.Filbac , Tg. Lapus,<br><sup>2</sup> “Gheorghe Asachi” Technical<br>University from Iasi   | Romania  | The dynamometric analysis of technical fabrics<br>for upholstery                                    | Poster |
| 61 | Ioan Filip, Costica Sava,<br><u>Mihai Ciocoiu</u>  | “Gheorghe Asachi” Technical<br>University from Iasi  | Romania  | The density optimisation of the technical fabrics<br>for upholstery                                 | Poster |
| 62 | <u>Florentina Poruschi</u> <sup>1</sup> , Daniela<br>Farima <sup>2</sup> Gheorghe Cojocariu <sup>3</sup>                               | <sup>1,3</sup> The National Research and<br>Development Institute of<br>Occupational Safety<br>"Alexandru Darabont"<br><sup>2</sup> “Gheorghe Asachi” Technical<br>University from Iasi, | Romania  | Influence of fabrics structure parameters on the<br>heat index                                      | Poster |
| 63 | <u>Florentina Poruschi</u> <sup>1</sup> , Daniela<br>Farima <sup>2</sup> Gheorghe Cojocariu <sup>3</sup>                               | <sup>1,3</sup> The National Research and<br>Development Institute of<br>Occupational Safety<br>"Alexandru Darabont"<br><sup>2</sup> “Gheorghe Asachi” Technical<br>University from Iasi, | Romania  | Considerations regarding the insulation capacity<br>of protective clothing against cold environment | Poster |
| 66 | <u>Bogdan Sirghie</u> , Aura Mihai   | “Gheorghe Asachi” Technical<br>University of Iasi  | Romania  | Custom made footwear insoles modelling using<br>computer aided design techniques                    | oral   |

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| 67 | <u>Viorica Crețu</u> , Laura Macovei  | “Gheorghe Asachi” Technical University of Iasi  | Romania                                       | Textiles for thermoregulation   | poster   |
| 68 | <u>Bahar Tiber</u> <sup>1</sup> , Gülseren Kurumer <sup>2</sup>   | <sup>1</sup> Usak University<br><sup>2</sup> Dokuz Eylul University   | Turkey  | Burning Behavior of Cotton Fabric Coated with Perlite   | oral     |
| 69 | <u>Ekaterina Vozvyshaeva</u> , Elena Dubonosova   | Moscow State University of Technology and Management Razumovsky K.G., Inst. of Textile and Light Industry, Moscow                                       | Russian Federation                            | Improved method for the construction of corsetry body scan  | Attendee |
| 70 | <u>Daniță Victoria</u> , Stela Balan  | Technical University of Moldova, Chisinau   | Republic of Moldova                           | The relationship between the teacher and the student in the technical higher education                                      | Poster   |
| 71 | <u>Laura Macovei</u> , Constanța Comandar   | “Gheorghe Asachi” Technical University from Iasi  | Romania                                       | Plain structures with float and tuck stitches   | Poster   |
| 72 | <u>Agnieszka Cichocka</u> <sup>1</sup> , Pascal Bruniaux <sup>2,3</sup>   | <sup>1</sup> Faculty of Material Technologies and Textile Design, Lodz<br><sup>2</sup> ENSAIT, Roubaix,<br><sup>3</sup> University Nord of Lille, Lille | <sup>1</sup> Poland,<br><sup>2,3</sup> France | New approach to 3D prototyping in corsetry  | Oral     |
| 73 | <u>Manuela Avădanei</u> , Irina Ionescu   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                       | Considerations regarding the design and manufacturing process of custom-made diving suits                                   | Poster   |
| 75 | <u>Yordanka Angelova</u>  | Technical University of Gabrovo   | Bulgaria                                      | Analysis of textile fabrics surface after laser marking   | Poster   |
| 76 | <u>Luminița Ciobanu</u> , Dorin Ionesi  | “Gheorghe Asachi” Technical University of Iasi  | Romania                                       | Interactive application for the simulation of the sewing machine mechanisms   | Poster   |
| 78 | <u>Aileni Raluca Maria</u> , Gheorghe Nicula, Lilioara Surdu  | National Research & Development Institute for Textiles and Leather, Bucharest   | Romania                                       | 3D wool panels development technologies for construction thermal insulation   | Poster   |
| 79 | <u>Aileni Raluca Maria</u> , Gheorghe Nicula, Lilioara Surdu  | National Research & Development Institute for Textiles and Leather, Bucharest   | Romania                                       | Mathematical modeling for thermal resistance capacity of the wool panels integrated in construction module                  | Poster   |
| 81 | <u>Mirela Blaga</u> <sup>1</sup> , Ana Ramona Ciobanu <sup>1</sup> , Arzu Marmarali <sup>2</sup> , Gozde Ertekin <sup>2</sup> | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi,<br><sup>2</sup> EGE University, Izmir  | <sup>1</sup> Romania,<br><sup>2</sup> Turkey  | Thermal comfort properties of weft knits made of NILIT ® Innergy yarns  | Oral     |
| 82 | Geanina Silviana Banu, <u>Andreea Dumitrescu</u> , Anca Alexandra Purcarea  | University POLITEHNICA of Bucharest   | Romania                                       | Prospecting innovation through patenting in the textile industry and related risk factors in the context of economic crisis | Poster   |
| 83 | <u>Liliana Buhu</u> , Daniela Negru   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                       | Research on the transfer of the tensile properties of yarns in the tensile properties of the denim fabrics                  | Poster   |

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| 86 | <u>Bogdan Fleacă, Elena Fleacă, Olivia Doina Negoită</u>  | University POLITEHNICA of Bucharest   | Romania                                  | Research on the challenges of education process in business engineering field in the context of a technical university in Romania | Oral   |
| 87 | <u>Bogdan Fleacă, Elena Fleacă,</u>   | University POLITEHNICA of Bucharest   | Romania                                  | Modelling the marketing research workflow – a key improvement for stakeholders satisfaction in apparel industry                   | Oral   |
| 88 | <u>Ioan Cioară, Ioan Iacob, Daniela Liuțe</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                  | Wrapping Fabrics with Constant Output Speed on Rolls with Variable, Computer-Assisted Rotation Speed                              | Poster |
| 89 | <u>Adriana Mustata<sup>1</sup>, Florin St.C. Mustata<sup>2</sup>, Danielle Douglas<sup>3</sup></u>    | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi, <sup>2,3</sup> Purdue University, Hammond, USA | <sup>1</sup> Romania, <sup>2,3</sup> USA | Electrical and mechanical behavior of mixture of flax and polyester fibres  | Poster |
| 91 | <u>Liliana Hristian, Cătălin Vîlcu, Iuliana G. Lupu, Demetra L. Bordeianu and Adrian Vîlcu</u>        | “Gheorghe Asachi” Technical University of Iasi  | Romania                                  | Tensile properties analysis of Plasma treated PP fibers   | Poster |
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| 93 | <u>Iuliana Gabriela Lupu, Liliana Hristian, Demetra L. Bordeianu, Cătălin Vîlcu, Horațiu I. Hogaș</u> | “Gheorghe Asachi” Technical University of Iasi  | Romania                                  | Study of needling process parameters influence on nonwoven water absorbency   | Poster |
| 94 | <u>Rodica Harpa</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                  | Considerations on the overall assessment of the quality profile for skirts designed as ready-to-wear collection                   | Poster |
| 95 | <u>Cornelia Luca, Cozmin Ionescu, Ioan Cioară</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                  | A design method for flat footwear soles using DELCAM PowerSHAPE-e   | Oral   |
| 96 | <u>Cornelia Luca, Răzvan Mocanu, Cozmin Ionescu</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                  | A design method for spatial footwear soles using DELCAM PowerSHAPE-e  | Oral   |
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| 100 | <u>Carmen Loghin</u> <sup>1</sup> , <u>Felicia Iacomi</u> <sup>2</sup> , <u>Irina Ionescu</u> <sup>1</sup> , <u>Ionuț Dulgheriu</u> <sup>1</sup>  | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi, <sup>2</sup> “Al.I.Cuza” University of Iasi                      | Romania      | Textiles composites with nano-structured functional coating                       | Poster |
| 101 | <u>Carmen Loghin</u> , <u>Mariana Ursache</u> , <u>Irina Ionescu</u> , <u>Luminita Ciobanu</u>  | “Gheorghe Asachi” Technical University of Iasi  | Romania      | Textile structures with metallic insertions for EMI shielding                     | Poster |
| 104 | <u>Valeria Slabu</u> , <u>Adriana Mustata</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania      | Linear regression from SPSS in the hygroscopicity analysis of the bast yarns      | Poster |
| 105 | <u>Mariana Ichim</u> , <u>Costică Sava</u>  | “Gheorghe Asachi” Technical University of Iasi  | Romania      | Twist liveliness of cotton/ recycled cotton blended rotor spun yarns              | Poster |
| 106 | <u>Mocanu Razvan</u> , <u>Cioara Ioan</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania      | A study regarding data processing for 3D footwear orthotics modelling             | Oral   |
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| 108 | <u>Angela Cerempei</u> , <u>Rodica Muresan</u> , <u>Oana Borhan</u> , <u>Augustin Muresan</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania      | Functionalization of textile materials by Tea Tree essential oil applying         | Poster |
| 109 | <u>Tatiana Constandache</u> <sup>1</sup> , <u>Angela Cerempei</u> <sup>1</sup> , <u>Ana Irina Ecsner</u> <sup>2</sup> and <u>Rodica Muresan</u> <sup>1</sup>                              | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi, <sup>2</sup> „Radu Cernatescu” Technological High-School of Iasi | Romania      | Modified organic pigments used in printing of cotton fabrics                      | Poster |
| 110 | <u>Oana Borhan</u> , <u>Angela Cerempei</u> , <u>Augustin Muresan</u> , <u>Ionut Dulgheriu</u> , <u>Cezar Radu</u> , <u>Oana Parteni</u>  | “Gheorghe Asachi” Technical University of Iasi  | Romania      | Textiles with antimicrobial properties  | Oral   |
| 111 | <u>Balan Gina</u> <sup>1</sup> , <u>Oprica Lacramioara</u> <sup>3</sup> , <u>Muresan Emil Ioan</u> <sup>2</sup> , <u>Creanga Dorina</u> <sup>4</sup> , <u>Popescu Carmen</u> <sup>4</sup> | <sup>1,2</sup> “Gheorghe Asachi” Technical University of Iasi, <sup>3,4</sup> „Al. Ioan Cuza” University, Iasi                | Romania      | Effect of fatty acid esters on antifungal treatment of cotton fabric              | Oral   |
| 112 | <u>Costică Sava</u> , <u>Mariana Ichim</u>  | “Gheorghe Asachi” Technical University of Iasi  | Romania      | Hemp – an environmentally friendly alternative to cotton                          | Poster |
| 113 | <u>Olga Diordiev</u>  | Free International University of Moldova, Chisinau  | Rep. Moldova | Parametric design of knitted garments by using CAD systems and basic applications | Poster |



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| 114 | <u>Olga Diordiev</u>   | Free International University of Moldova, Chisinau   | Rep. Moldova | Methods for constructive and aesthetic diversification of shapes of the knitted products                              | Poster |
| 117 | <u>Eren Öner</u> , <u>Ayşe Okur</u>  | Dokuz Eylül University, Faculty of Engineering, Izmir  | Turkey       | Thermophysiological comfort properties of sportswear produced from advantageous fiber types and fabric structures     | Oral   |
| 118 | <u>Ana Cristina Broega</u> ,<br><u>Camila Falcone</u>  | University of Minho, Guimaraes   | Portugal     | Swimsuit Design for people who suffer from urinary incontinence   | Oral   |
| 119 | <u>Bianca Lengyel</u> , Nicolae Faur<br><u>Cristian Neş</u> , Anghel Cernescu  | Polytechnic University of Timisoara  | Romania      | Experimental research on the mechanical and elastic polyurethane artificial materials leather in textile              | Poster |
| 120 | <u>Ümit Halis Erdogan</u> , Yasemin Seki, Gözde Aydogdu, Aysun Aksit, Bengi Kutlu  | Dokuz Eylül University, Department of Textile Engineering, Izmir,  | Turkey       | An investigation on structural properties of jute particle doped polypropylene filaments                              | Oral   |
| 121 | <u>Iovan-Dragomir Alina</u>  | “Gheorghe Asachi” Technical University of Iasi   | Romania      | The foot comfort - case study   | Poster |
| 122 | <u>Monika Bogusławska – Bączek</u> , Iwona Gruszka   | University of Bielsko – Biala, Institute of Textile Eng. and Polymer Materials, Bielsko – Biala  | Poland       | Investigation of air permeability of new generation fleece fabrics in dry and wet state                               | Poster |
| 123 | <u>Iwona Gruszka</u> , Monika Bogusławska – Bączek   | University of Bielsko – Biala, Institute of Textile Engineering and Polymer Materials  | Poland       | Mechanical properties of knitwear considered in the aspect of predicting their mechanical anisotropy and nonlinearity | Poster |
| 124 | <u>Ramona Budeanu</u>  | “Gheorghe Asachi” Technical University of Iasi   | Romania      | Inspiration from the nature: natural dyes   | Poster |
| 125 | <u>Ramona Budeanu</u>  | “Gheorghe Asachi” Technical University of Iasi   | Romania      | Natural dyes: printing and dyeing techniques -inspiration for fashion and interior design-                            | Poster |
| 126 | <u>Marta Catalina Harnagea</u> ,<br>Florentina Harnagea  | “Gheorghe Asachi” Technical University of Iasi   | Romania      | Aspects regarding the flap bag development  | Poster |
| 127 | <u>Marta Catalina Harnagea</u> ,<br>Aura Mihai   | “Gheorghe Asachi” Technical University of Iasi   | Romania      | Using Conjoint analysis for sport footwear design   | Poster |
| 128 | Vera V. Pinto <sup>1</sup> , <u>Maria José Ferreira</u> <sup>1</sup> , Joana Gomes <sup>1</sup> , José Rodrigues <sup>1</sup> , Paula M. V. Fernandes <sup>2</sup> , Ana C. Neves <sup>2</sup> , Flávia M. Teixeira <sup>2</sup> , Joana S. Mendes <sup>2</sup> , Carlos M. Pereira <sup>2</sup> | <sup>1</sup> CTCP - Centro Tecnológico do Calçado de Portugal, São João da Madeira, <sup>2</sup> Centro de Investigação em Química UP- L4, Departamento de Química da Faculdade de Ciências da Universidade do Porto | Portugal     | Footwear industry: use of nanoparticles to develop materials with antimicrobial properties                            | Oral   |

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| 129 | <u>Maria José Ferreira</u> <sup>1</sup> , Vera V. Pinto <sup>1</sup> , José Rodrigues <sup>1</sup> , Sílvia Pinho <sup>2</sup> , Maria Azevedo <sup>2</sup> , Manuel F. Almeida <sup>2</sup>                           | <sup>1</sup> CTCP - Centro Tecnológico do Calçado de Portugal, São João da Madeira, <sup>2</sup> LEPAE, Faculty of Engineering, University of Porto  | Portugal                                   | Advanced and clean technologies for chromium tanned leather waste recycling and green energy production | Oral   |
| 130 | <u>Manuela Mihailiasa</u> <sup>1</sup> , Ada Ferri <sup>2</sup> , Carmen Loghin <sup>3</sup> , Catalin Dumitras <sup>4</sup>   | <sup>1,2</sup> Politecnico di Torino, Turin, <sup>3</sup> “Gheorghe Asachi” Technical University of Iasi   | <sup>1,2</sup> Italy, <sup>3</sup> Romania | Study on liquid management properties of cellulose based knitted fabrics                                | Poster |
| 131 | <u>Adriana – Ioana Subtirica</u> <sup>1</sup> , Fazilet Taskoparan <sup>2</sup> , Carmen Ghituleasa <sup>1</sup> , Mariana Vamesu <sup>1</sup> , Laurentiu Christian Dinca <sup>1</sup> , Angela Dorogan <sup>1</sup>  | <sup>1</sup> The National Research – Development Institute for Textiles and Leather, Bucharest, <sup>2</sup> Modazen Inc., Istanbul,   | <sup>1</sup> Romania, <sup>2</sup> Turkey  | Eco-friendly dyeing process for denim fabrics   | Poster |
| 132 | <u>Laura Macovei</u> , Constanța Comandar, Viorica Crețu   | “Gheorghe Asachi” Technical University of Iasi   | Romania                                    | Compressive knitted fabrics for special destination   | Poster |
| 133 | Cezar-Doru Radu <sup>1</sup> , <u>Oana Parteni</u> <sup>1</sup> , Augustin Mureșan <sup>1</sup> , Laura Bulgariu <sup>2</sup> , Cornel Munteanu <sup>3</sup> , Daciana-Elena Brănișteanu <sup>4</sup>                  | <sup>1,2,3</sup> “Gheorghe Asachi” Technical University of Iasi<br><sup>4</sup> University of Medicine and Pharmacy „Gr.T.Popa”, Iasi  | Romania                                    | Controlled release of a drug from cyclodextrin complexes to dermis                                      | Oral   |
| 134 | Cezar-Doru Radu <sup>1</sup> , <u>Oana Parteni</u> <sup>1</sup> , Gheorghe Agafiței <sup>1</sup> , Oana Borhan <sup>1</sup> , Marcel Popa <sup>2</sup> , Bogdan Istrate <sup>3</sup> , Lăcrămioara Ochiuz <sup>4</sup> | <sup>1,2,3</sup> “Gheorghe Asachi” Technical University of Iasi<br><sup>4</sup> University of Medicine and Pharmacy „Gr.T.Popa”, Iasi  | Romania                                    | Dosing and controlled release systems of A drugs from a textile to skin                                 | Poster |
| 135 | <u>Hossein Rajabinejad</u> <sup>1</sup><br>Stelian-Sergiu Maier <sup>2</sup>   | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi / Politecnico di Torino, Turin /SMDTex/<br><sup>2</sup> “Gheorghe Asachi” Technical University of Iasi                                     | <sup>1</sup> Italy<br><sup>2</sup> Romania | The apparently trivial keratin, useful for advanced applications. A minireview                          | Oral   |
| 136 | <u>Victor Ciobotaru</u> <sup>1</sup> , Dorin Avram <sup>1</sup> , Florin Pantilimonescu <sup>2</sup>   | “Gheorghe Asachi” Technical University of Iasi, <sup>1</sup> Faculty of Textiles & Leather Engineering and Industrial Management<br><sup>2</sup> Faculty of Automatic Control and Computer Engineering | Romania                                    | Contributions on the syringe pump control for nanofiber electrospinning using Bresenham algorithm       | Oral   |
| 137 | <u>Andrei Iosub</u> <sup>1</sup><br>Cristina Piroi <sup>1</sup> , Dorin Avram <sup>1</sup> , Marina Verdes <sup>2</sup>  | "Gheorghe Asachi" Technical University of Iasi, <sup>1</sup> Faculty of Textiles & Leather Engineering   | Romania                                    | Research regarding the behavior of airbag fabrics at low temperatures                                   | Oral   |

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|     |   | and Industrial Management<br><sup>2</sup> Faculty of Civil Engineering and Building Services,   |   |  |        |
| 138 | <u>Rita Souto</u>   | Centro Tecnológico do Calçado de Portugal   | Portugal                                    | STEP TO SUSTAINABILITY:<br>How to implement sustainable manufacturing in footwear new occupational profile and training opportunities          | Poster |
| 140 | <u>Pulferia Nicolaiov</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Specific approaches for competitive potential growth of the garment manufacturing companies in the current profile market evolution conditions | Poster |
| 141 | <u>Dan Dorin</u> , Mariana Ursache  | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Graphical application for interactive learning   | Poster |
| 142 | <u>Emilia Filipescu</u> <sup>1</sup> , Sabina Olaru <sup>2</sup> , Elena Spânachi <sup>3</sup>  | Gheorghe Asachi” Technical University, Iasi, <sup>2</sup> National R&D Institute for Textiles and Leather, Bucharest, <sup>3</sup> SC Gemini CAD Systems SRL, Iasi, | Romania                                     | Methods for assessing the model family economics   | Poster |
| 143 | <u>Emilia Filipescu</u> <sup>1</sup> , Sabina Olaru <sup>2</sup> , Elena Spânachi <sup>3</sup>  |   |   | Research on sizing of position addition for classical sleeve   | Poster |
| 144 | <u>Iovan-Dragomir Alina</u>   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Development and validation of health foot evaluation questionnaire   | Poster |
| 145 | <u>Ionuț Dulgheriu</u> and Manuela Avadanei   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Considerations regarding the manufacturing process of protective products made from special materials  | Poster |
| 146 | <u>Ovidiu Constandache</u> , Rodica Muresan, Vasilica Popescu and Augustin Muresan  | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Optimizing the washing of the flakes from polyethyleneterephthalate  | Poster |
| 147 | <u>Anca Butnaru</u> , Silvia Avasilcai  | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Environmental management and competitiveness in Romanian textile industry  | Poster |
| 148 | <u>Romeo Mihai Ciobanu</u> ,  | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | Aspects regarding some important requirements to reach success in project management   | Poster |
| 149 | <u>Ancuta – Vasilica Apetrei</u> <sup>1</sup> , Antonela Curteza <sup>1</sup> , Laurence Schacher <sup>2</sup> , Dominique Adolphe <sup>2</sup> | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi, <sup>2</sup> Université de Haute-Alsace –ENSISA, Mulhouse  | <sup>1</sup> Romania<br><sup>2</sup> France | Design restrictions for surgical gowns and drapes  | Poster |
| 150 | <u>Adriana Bujor</u> , Silvia Avasilcâi   | “Gheorghe Asachi” Technical University of Iasi  | Romania                                     | The Entrepreneur and Business Management in Creative Industries  | Poster |
| 151 | Valentin Buliga <sup>1</sup> , <u>Antonela Curteza</u> <sup>1</sup> , Dominique C. Adolphe <sup>2</sup> , Laurence Schacher <sup>2</sup>        | <sup>1</sup> “Gheorghe Asachi” Technical University of Iasi, <sup>2</sup> Université de Haute-Alsace – ENSISA – Mulhouse  | <sup>1</sup> Romania<br><sup>2</sup> France | Electrospinning constructive variants - overview   | Poster |