

## ACCEPTED PAPERS - ISKA'2013

Nr.	Name Surname	Affiliation	Country	Paper title	Presentation
0	Alenka Pavko Cuden	University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Textiles	Slovenia	The future is paved by innovation: Unconventional knitted structures	Invited lecture
1	Viorica Cazac, Svetlana Cangas	Technical University of Moldova, Chishinau	R. Moldova	Nature mimicking in product aesthetic concepts	poster
2	Svetlana Cangas, Viorica Cazac,	Technical University of Moldova, Chishinau	R. Moldova	Balance elements in children clothing during the baroque time	poster
3	Svetlana Cangas, Viorica Cazac,	Technical University of Moldova, Chishinau	R. Moldova	Children's clothing of XIX century	poster
4	Viorica Cazac, Svetlana Cangas	Technical University of Moldova, Chishinau	R. Moldova	Analysis of the art styles involvement in the clothing design	poster
5	Savin Dorin Ionesi, Luminița Ciobanu, Mariana Ursache	"Gheorghe Asachi" Technical University of Iasi	Romania	E-learning instruments used for explaining fundamentals of the knitting cycle	poster
6	Jana Carja	Technical University of Moldova, Chishinau	R. Moldova	Technological design of women clothes assemblies for hospital conditions	poster
7	Tudorel BĂLĂU MÎNDRU <sup>1</sup> , Iulia BĂLĂU MÎNDRU <sup>1</sup> , Theodor MĂLUȚAN <sup>2</sup>	<sup>1</sup> Technical University Gh. Asachi Iasi, Faculty of Textile – Leather and Industrial Management, <sup>2</sup> Technical University Gh. Asachi Iasi, Faculty of Chemical Engineering and Environmental Protection	Romania	Gelatin / polyvinyl alcohol nonwoven fibers media obtained by centrifugal spinning	poster
9	Victoria Danila, Stela Balan	Technical University of Moldova, Chishinau	R. Moldova	Impact of the humanization process on professional development a young engineers	poster
10	Iulia Bălău Mîndru, Tudorel Bălău Mîndru, Irina Tărăboanță	"Gheorghe Asachi" Technical University of Iasi	Romania	Natural polymers for nanofibers – Hyaluronic Acid	poster

11	Irina Tărăboanță, Iulia Bălău Mîndru	"Gheorghe Asachi" Technical University of Iasi	Romania	Bioactive fibers	poster
12	Diana Balabanova	Trakia University - Stara Zagora, Faculty of Technics and Technologies – Yambol, Stara Zagora	Bulgaria	Kinematic analysis of the sewing needle and thread take-up lever mechanisms of sewing machines	poster
13	Octavian Popescu , Aurelia Grigoriu	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	Modification of wool surface performed with cyclodextrin	oral
14	CAN Ünal	Namık Kemal University, Çorlu Engineering Faculty, Textile Engineering Faculty, Tekirdag	Turkey	Determination of suitable line balancing algorithm for technical textiles production	oral
15	Luminița Vlad, Stan Mitu, Crina Buhai	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	The evaluation of physiological parameters under different sate and wear conditions of the protective equipment	oral
16	Nadezhda KORNILOVA, Anna GORELOVA, Anna ARBUZOVA	Ivanovo State Textile Academy, Ivanovo	Russia	The program for the three-dimensional design of corsets and lingerie	poster
17	Nadezhda KORNILOVA <sup>1</sup> , Sergey Koksharov <sup>2</sup> , Anna ARBUZOVA <sup>3</sup>	<sup>1</sup> Ivanovo State Textile Academy, Ivanovo <sup>2</sup> G.A. Krestov Institute of Solution Chemistry of RAS <sup>3</sup> Joint Stock Company of open type «PolymerTex»	Russia	Developing of a new assortment of reinforced interlining materials with regulate elastic properties	poster
18	Galina Bashkova, Gregory Tchistoborodov	Ivanovo State Textile Academy, Ivanovo	Russia	Evaluation of thermal conductivity of multilayer fire-fighters protective clothing	poster
20	Pelin Gurkan Unal	Namık Kemal University, Çorlu Engineering Faculty, Textile Engineering Faculty, Tekirdag	Turkey	Future of composites: 3D woven fabrics	poster

21	Olga Diordiev	Design Department, Faculty of Informatics and Engineering, Free International University of Moldova	Chishinau/ R. Moldova	Peculiarities of compositional, constructive and technological design of dance sport costume	oral
22	Olga Diordiev	Design Department, Faculty of Informatics and Engineering, Free International University of Moldova	Chishinau/ R. Moldova	Researches and contributions to design of academic regalia „HONORIS CAUSA ULIM”	poster
23	Darya Aleshina, Galina Bashkova, Svetlana Sokolova	Ivanovo State Textile Academy, Ivanovo	Russia	The programm for designing of knitted structure by virtual simulation	poster
24	Yordanka Angelova	Technical University - Gabrovo	Bulgaria	Study of weft knitted structures with elastic yarns – air-permeability	oral
25	Zlatina Kazlacheva, Julieta ILIEVA	Faculty of Technics and Technologies, Trakia University, Yambol	Bulgaria	The Golden Triangle in Fashion Design	oral
26	Julieta Ilieva, Zlatina Kazlacheva	Faculty of Technics and Technologies, Trakia University, Yambol	Bulgaria	Dresses? Design on the base of an investigation of connections in the latest fashion trend	poster
27	Viorica Cretu, Laura Macovei	“Gheorghe Asachi” Technical University of Iasi	Romania	New materials and technologies for functional socks	poster
28	Ziya Ozek <sup>1</sup> , M.C. BOLUKBAS <sup>2</sup>	<sup>1</sup> Namık Kemal University, Çorlu Engineering Faculty, Textile Engineering Faculty, Çorlu <sup>2</sup> Tup Merseze A.S., Turkey	Turkey	Application of quality function deployment method to develop new products for a knitting mill	oral
29	ELSAYED AHMED Elnashar	Faculty of Specific Education, Kafrelsheikh University	Egypt	Smart digital thickness test method® for knitting clothes	poster
30	Liliana Lutic	“Gheorghe Asachi” Technical University of Iasi	Romania	Durability testing of Knittings destined for mattress production	poster

32	Elena Moisescu	"Gheorghe Asachi" Technical University of Iasi	Romania	New tendencies in UV protection for the body through clothing	poster
33	Stela Balan, Irina Tutunaru, Marcela Irovan, Elena Mocanu	Technical University of Moldova, Chisinau	R. Moldova	Problems of providing for ergonomic correspondence for the clothing for mountain skiers	poster
34	Irina Tutunaru, Stela Balan, Marcela Irovan, Natalia Leşan	Technical University of Moldova, Chisinau	R. Moldova	Theoretical and applied studies of design of products with flexible structure for women	poster
35	Marcela Irovan, Irina Tutunaru, Stela Balan, Olga Burlacu	Technical University of Moldova, Chisinau	R. Moldova	Elaboration of unified constructive series of jackets for men	poster
36	Romulus BULACU <sup>1</sup> , Daniela FARIMA <sup>2</sup> , Iulian MANCASI <sup>3</sup> ,	<sup>1</sup> S.C.Minet S.A. Ramnicu-Valcea, <sup>2</sup> Universitatea Tehnica „Gheorghe Asachi” Iasi, <sup>3</sup> S.C.Majutex S.R.L. Iasi	Romania	Possibility of obtaining non-wovens with medical destination on existing installations in Romania	poster
37	Iulian Mancasi <sup>1</sup> , Daniela Farima <sup>2</sup> Georgios Priniotakis <sup>3</sup>	<sup>1</sup> s.C. Majutex S.R.L Barnova, Iasi, <sup>2</sup> "Gheorghe Asachi" Technical University of Iasi	Romania	Comparative study of properties yarn from fiber 100% renewable bamboo blended with cotton	poster
		<sup>3</sup> Technological Education Institute, Piraeus	Greece		
38	Darja Rant, Alenka PAVKO-CUDEN	University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Textiles	Slovenia	Foldable weft knitted structures with auxetic potential	poster
39	Andrej Vilar, Klementina MOZINA, Alenka PAVKO-CUDEN	University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Textiles	Slovenia	Typography and logos in knitted structures	poster
40	Daniela SUTEU, Carmen ZAHARIA	Technical University Gheorghe Asachi" from Iasi, Faculty of Chemical Engineering and Environmental Protection	Romania	Utilization of apple wastes as adsorbent for removal of dyes from textile waste waters	poster

41	Mariana Ursache	"Gheorghe Asachi" Technical University of Iasi	Romania	SEM investigation on denim surface modification after resin based finishing treatment	poster
42	Emanuela Marin	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	Study regarding the mechanical behavior of high performance fibers	poster
43	Luminita Ciobanu	"Gheorghe Asachi" Technical University of Iasi	Romania	Production of 3D knitted fabrics	poster
44	Crina Buhai,	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	Neural network modeling of thermal resistance of weft knitted spacer fabrics	oral
45	Crina Buhai, Luminita VLAD, Costea BUDULAN	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	Comfort properties of functional spacer fabrics	poster
46	Mariana Ursache	"Gheorghe Asachi" Technical University of Iasi	Romania	Acoustic properties of knitted structures	poster
47	Savin Dorin Ionesi, Luminita CIOBANU	"Gheorghe Asachi" Technical University of Iasi	Romania	Evaluation of tensile behavior of raw materials used for composites reinforcement	oral
48	Ionut Dulgheriu	"Gheorghe Asachi" Technical University of Iasi	Romania	Special treatments, anti-thermal materials and products	poster
49	Ionut Dulgheriu	"Gheorghe Asachi" Technical University of Iasi	Romania	The mathematical analyze (2D and 3D) of comfort indicators for special garment structure	poster
50	Victor AMARANDEI <sup>1</sup> , Carmen ZAHARIA <sup>2</sup> Augustin MUREȘAN <sup>1</sup>	<sup>1,2</sup> "Gheorghe Asachi" Technical University of Iasi, <sup>1</sup> Doctoral School of FTPMI, <sup>2</sup> Faculty of Chemical Engineering and Environment Protection	Romania	Textile effluent characteristics, qualitative and qualitative norms and recommendations for mixed or individual final textile effluents treatment	poster

51	Cornelia Ionescu-Luca, Răzvan MOCANU	"Gheorghe Asachi" Technical University of Iasi	Romania	Manufacturing textiles used for waterproof footwear	poster
52	Cornelia Ionescu-Luca, Răzvan MOCANU	"Gheorghe Asachi" Technical University of Iasi	Romania	Quality characteristics of materials used in footwear inner sole manufacturing	poster
53	Mariana Costea, Aura Mihai	"Gheorghe Asachi" Technical University of Iasi	Romania	Innovative method of modeling shoe lasts	oral
54	Dorin Dan	"Gheorghe Asachi" Technical University of Iasi	Romania	Representation of the knitted structures using a personal computer	poster
55	Aristide Dodu	Romanian Academy for Technical Sciences, Bucharest	Romania	The Evolution of Romanian Technical Terminology in the Knitting	-
56	Viorica Crețu	"Gheorghe Asachi" Technical University of Iasi	Romania	Present and future for functional and smart textiles	poster
57	Laura Macovei	"Gheorghe Asachi" Technical University of Iasi	Romania	Functional heating textiles made of electroconductive yarns	poster
58	Laura Macovei	"Gheorghe Asachi" Technical University of Iasi	Romania	Weft knitted structures based on bilateral stitch transfer	poster
59	Florentina Harnagea, Marta-Catalina HARNAGEA	"Gheorghe Asachi" Technical University of Iasi	Romania	Dimensional features used in leather belts design	poster
60	Pulferia Nicolaiov	"Gheorghe Asachi" Technical University of Iasi, FTPMI	Iasi, Romania	The VEA techniques, garment manufacturing systems innovation tool	poster

61	Mariana Drișcu	"Gheorghe Asachi" Technical University of Iasi	Romania	CRISPIN DYNAMICS 3D – Solution for shoemakers	poster
62	Emilia Filipescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Evolving nature research on some anthropometric sizes that characterizing the children population in Romania	poster
63	Elena Spinachi	GEMINI CAD SYSTEMS, Iasi	Romania	Simulating the correspondence body - garment in the virtual 3D environment, a method for improving the individual system garment design	poster
64	Emilia Filipescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Research of women anthropometric sizes for corpulent body shape	poster
65	Elena Spinachi	GEMINI CAD SYSTEMS, Iasi	Romania	Automatic grading for the men jacket	poster
66	Marius ȘUTEU, Ioan Oană, Dorina Oană	University of Oradea, Faculty of Energy Engineering and Industrial Management, Oradea	Romania	Analysis of quality checking documents used for textile products planning	poster
67	Lilioara SURDU <sup>1</sup> , Ioan CIOARĂ <sup>2</sup> , Carmen GHIȚULEASA <sup>1</sup> , Ion Răzvan RĂDULESCU <sup>1</sup>	<sup>1</sup> INCDTP, Bucharest, <sup>2</sup> "Gheorghe Asachi" Technical University of Iasi	Romania	Software for comfort properties assessment of multi-layer textile materials	poster
68	Manuela Avadanei	"Gheorghe Asachi" Technical University of Iasi	Romania	3D pattern design of products with special destination	poster
69	Manuela Mihăileasa	ASTRICO NORD EST, Piatra Neamț, Romania	Romania	Title reserved	oral
70	Mioara Crețu	"Gheorghe Asachi" Technical University of Iasi	Romania	Method for the design development of jersey clothing	poster
71	Angela Scripcenco, Julia Cealovskaia	Technical University of Molvova, Chișinău	R.Moldova	Development of a relational database model of technological process of Women's Jackets production	poster

72	Petronela Avram <sup>1</sup> , Antonela Curteza <sup>1</sup> , Pramod Agrawal <sup>2</sup> , Ger Brinks <sup>2</sup>	<sup>1</sup> "Gheorghe Asachi" Technical University of Iasi, Doctoral School	Romania	Fabricating multifunctional wool and polyester fabrics	poster
		<sup>2</sup> Knowledge Centre, Design & Technology, Enschede,	Netherlands		
73	Ovidiu Costandache Angela Cerempei Rodica Mureșan	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	Aspects regarding the tinctorial behavior of fibers derived from virgin and recycled PET	poster
74	Tatiana Costandache <sup>1</sup> Angela CEREMPEI <sup>1</sup> , Ana Irina ECSNER <sup>2</sup> Rodica MURESAN <sup>1</sup>	<sup>1</sup> "Gheorghe Asachi" Technical University of Iasi <sup>2</sup> „Radu Cernatescu” Technological High- School of Iasi	Romania	Possibilities of printing textile fabrics with Red 48:2 pigment	poster
75	Angela Cerempei Danko Abramiuc Rodica Muresan	"Gheorghe Asachi" Technical University of Iasi	Romania	Optimization variants for obtaining cosmetic antimicrobial disks	oral
76	Bogdan Sârghie Mariana Costea Dumitru Liuțe	"Gheorghe Asachi" Technical University of Iasi, Doctoral School of FTPMI	Romania	Anthropometric study of the foot using 3D scanning method and statistical analysis	oral