



CONFERENCE PROGRAMME

DAY 1

Wednesday - September 3th 2014

Hour	Activity
18:00 – 20:00	Registration
20:00 – 21:00	Welcome Reception

DAY 2

Thursday - September 4th 2014

Hour	Activity
08:30 – 09:30	Registration
09:30 – 10:30	Opening Ceremony & Awards Opening and welcome speech session <ul style="list-style-type: none"> - Welcome opening speech: Carmen Maria LOGHIN – TUIASI (Romania), president of the conference - Welcome opening speech: Ioan CIOARĂ – TUIASI (Romania), Vice-Rector - Opening remark: Dominique C. ADOLPHE – ENSISA (France), President of AUTEX - Opening remark: Carmen ARIAS CASTELLANO- General Secretary of European Confederation of the Footwear Industry (Belgium) - Opening remarks from attending participants
10:30 – 11:00	Coffee Break

ORAL PRESENTATIONS

PLENARY SESSION		
Plenary Room, Hotel "Piatra Mare"		
Chairpersons: Carmen Maria LOGHIN and Lubos HES		
Plenary Presentations (20 minutes + 10 minutes comments/presentation)		
Hour	Keynote speaker	Title of the Presentation
11:00 – 11:30	Dominique C. ADOLPHE Ecole Nationale Supérieure des Ingénieurs Sud Alsace, University of Haute Alsace, France	<i>Improvement of Security and Comfort of everyday working cloths – A research challenge</i>
11:30 – 12:00	Raoul FANGUEIRO University of Minho, Guimaraes, Portugal	<i>FIBRENAMICS - Innovations based on fibers and composites</i>
12:00 – 12:30	Xianyi ZENG Ecole Nationale Supérieure des Arts et Industries Textiles, Roubaix, France	<i>Building a new Sustainable Production and Supply Chain Model for European Textile Industry</i>
12:30 – 14:00	Lunch break, Hotel Restaurant	

PARALLEL SESSIONS 1			
Hour	SESSION 1A: <i>Textile and leather structures and properties</i>	SESSION 1B: <i>Networking: Academia and Industry</i>	SESSION 1C: <i>STEP 2 SUSTAINABILITY</i>
	Plenary Room, "ONIX"	Lecture Room 2, "AGAT"	Lecture Room 3, "SAFIR"
	Session Chairperson: Mariana URSACHE	Session Chairperson: Dorin DAN	Session Chairperson: Rita SOUTO
Hour	Authors and papers to be presented (15 minutes + 5 minutes comments/presentation)		
14:00–14:20	Eren ÖNER, Ayşe OKUR – Turkey <i>Thermophysiological comfort properties of sportswear produced from advantageous fiber types and fabric structures</i>	<ul style="list-style-type: none"> ▪ ASTRICO Nord Est Association, Savinesti, Romania ▪ AUTOLIV, Brasov, Romania ▪ CHIMTEST, Bucuresti, Romania ▪ CISEROM, Sebes, Romania ▪ CLUSTER TMV, Romania ▪ CONDOR, Bucuresti, Romania ▪ GEMINI CAD Systems, Iasi, Romania ▪ LANDAU Impex, Bucureşti, Romania ▪ MINET, Rm. Valcea, Romania ▪ PANTEX, Braşov, Romania ▪ PLASTPROD, Iaşi, Romania ▪ PROCIV, Bucuresti, Romania ▪ SIOROM, Iasi, Romania ▪ SILVANIA WORSTED SPINNING, Simleul Silvaniei, Romania ▪ SORSTE, Focsani, Romania, ▪ TAPARO, Tg.Lapus, Romania ▪ TRANSILANA, Ghimbav, Romania - and others in the field 	 <p>S2S project meeting</p> <ul style="list-style-type: none"> • Research on occupation and training in the field of Sustainability in Footwear • Development of new occupational and qualification profile 
14:20–14:40	Lubos HES ¹ , Aura MIHAI ² – ¹ Czech Rep., ² Romania <i>Thermal comfort properties of the leather upholstery</i>		
14:40–15:00	Manuela MIHAILIASA ¹ , Ada FERRI ¹ , Carmen LOGHIN ² , Catalin DUMITRAS ² – ¹ Italy, ² Romania <i>Study on liquid management properties of cellulose based knitted fabrics</i>		
15:00–15:20	Ümit Halis ERDOĞAN, Yasemin SEKI, Gözde AYDOĞDU, Aysun AKSIT, Bengi KUTLU – Turkey <i>An investigation on structural properties of jute particle doped polypropylene filaments</i>		
15:20–15:40	Andrei IOSUB, Cristina PIROI, Dorin AVRAM, Marina VERDES – Romania <i>Research regarding the behavior of airbag fabrics at low temperatures</i>		
15:40–16:00	Coffee Break, Hotel "Piatra Mare"		
16:00–16:30	Poster session 1, Hotel "Piatra Mare"		

PARALLEL SESSIONS 2			
Hour	SESSION 2A <i>New fibres, advanced materials, functional textiles</i>	SESSION 2B <i>Advances in leather processing / Ecology in textiles and leather processing/</i>	SESSION 2C: <i>STEP 2 SUSTAINABILITY</i>
	Plenary Room, "ONIX"	Lecture Room 2, "AGAT"	Lecture Room 3, "SAFIR"
	Session Chairperson: Mirela BLAGA	Session Chairperson: Luminita CIOBANU	Session Chairperson: Rita SOUTO
Hour	Authors and papers to be presented (15 minutes + 5 minutes comments)		
16:30–16:50	Selcen Ozkan Haciogullari, Osman Babaarslan - Turkey <i>Structural analysis and mechanical properties of polypropylene filament yarns containing flame retardant additive</i>	Hossein RAJABINEJAD ¹ , Stelian-Sergiu MAIER ² – ¹ Italy, ^{1,2} Romania <i>The apparently trivial keratin, useful for advanced applications. A mini review</i>	 <p>S2S project meeting</p>

16.50–17.10	<u>Claudia NICULESCU</u> ¹ , Iuliana DUMITRESCU ¹ , Carmen GHITULEASA ¹ , Ana-Maria MOCIOIU ¹ , Roxana PITICESCU ¹ , Mirela PETRICEANU ¹ , Cristian BOGADANESCU ¹ , Arcadie SOBETKII ¹ , Cristina SERRANO SELVA ² - ¹ Romania, ² Spain <i>TiO₂ nanoparticles and method of physical deposition on textiles and wood</i>	Mauro SCALIA ¹ , Rui MARTINS ² , Piero de SABBATA ³ , Nikolay UZUNOV ⁴ , <u>Sabina OLARU</u> ⁵ , Carmen GHITULEASA ⁵ , Claudia NICULESCU ⁵ , Doina TOMA ⁵ - ¹ Belgium, ² Portugal, ³ Italy, ⁴ Bulgaria, ⁵ Romania <i>Sustainable energy saving for the European clothing industry</i>	<ul style="list-style-type: none"> • <i>Development of new occupational and qualification profile (continued)</i> 
17.10–17.30	Ana Marija GRANCARIC, Lea BOTTERI, Anita TARBUK – <i>Croatia</i> <i>Bio-innovated cotton cellulose – surface free energy</i>	Vera V. PINTO ¹ , <u>Maria José FERREIRA</u> ¹ , Joana GOMES ¹ , José RODRIGUES ¹ , Paula M. V. FERNANDES ² , Ana C. NEVES ² , Flávia M. TEIXEIRA ² , Joana S. MENDES ² , Carlos M. PEREIRA – <i>Portugal</i> <i>Footwear industry: use of nanoparticles to develop materials with antimicrobial properties</i>	
17.30–17.50	<u>Lilioara SURDU</u> , Carmen GHITULEASA, Ioan CIOARĂ, Gheorghe NICULA, Ovidiu IORDACHE, Ion Răzvan RĂDULESCU – Romania <i>Study regarding MEDTECH articles with anti-microbial properties</i>	<u>Maria José FERREIRA</u> ¹ , Vera V. PINTO ¹ , José RODRIGUES ¹ , Sílvia PINHO ² , Maria AZEVEDO ² , Manuel F. ALMEIDA – <i>Portugal</i> <i>Advanced and clean technologies for chromium tanned leather waste recycling and green energy production</i>	
17.50–18.10	<u>Oana BORHAN</u> , Angela CEREMPEI, Augustin MURESAN, Ionut DULGHERIU, Cezar RADU, Oana PARTENI – <i>Romania</i> <i>Textiles with antimicrobial properties</i>	<u>Rita SOUTO</u> – <i>Portugal</i> <i>STEP TO SUSTAINABILITY: How to implement sustainable manufacturing in footwear new occupational profile and training opportunities</i>	
20:00	Official Dinner, Restaurant Hotel “Piatra Mare”		

DAY 3

Friday, September 5th 2014

Friday, September 5 th 2014			
Hour	PARALLEL SESSIONS 3		
8:30-10:10	SESSION 3A <i>Innovations in textile finishing / Functional textiles and clothing/ Textile science</i>	SESSION 3B <i>Marketing and management / Engineering education</i>	SESSION 3C: STEP 2 SUSTAINABILITY
	Plenary Room, “ONIX”	Lecture Room 2, “AGAT”	Lecture Room 3, “SAFIR”
	Session Chairperson: Ana Marija GRANCARIC	Session Chairperson: Silvia AVASILCAI	Chairperson: Rita SOUTO
Authors and papers to be presented (15 minutes + 5 minutes comments)			
8:30– 8:45	<u>Ayben PAKOLPAKCIL</u> – <i>Tukey</i> <i>Initial study: UV-protection properties of cotton fabric dyed with orange peel</i>	<u>Octavian Ion NEGOITĂ</u> , Carmen GHITULEASA, Olivia Doina NEGOITA, Anca Alexandra PURCAREA – <i>Romania</i> <i>Branding process - an important factor in guiding the company towards success</i>	

8:45-9:00	<u>Ayben PAKOLPAKÇIL</u> – Turkey <i>Dyeing of polyamide fabrics with a natural dye</i>	<u>Bogdan FLEACĂ</u> , Elena FLEACĂ – Romania <i>Modelling the marketing research workflow – a key improvement for stakeholders satisfaction in apparel industry</i>	<p>S2S project meeting</p> <ul style="list-style-type: none"> • Development of Training Programme on “Sustainable Manufacturing in Footwear” • Development of b-learning course on “Sustainable manufacturing in Footwear” 
9:00– 9:20	<u>Raluca Maria AILENI</u> , Lilioara SURDU – Romania <i>Textile functionalization plasma processes modeling for chitosan submission</i>	<u>Cosmin Mihai NACU</u> , Silvia AVASILCĂI – Romania <i>Comparative analysis of entrepreneurship performance’ measurement initiatives</i>	
9:20–9.40	<u>Bahar TIBER</u> , Gülseren KURUMER – Turkey <i>Burning Behavior of Cotton Fabric Coated with Perlite</i>	<u>Adriana BUJOR</u> , Silvia AVASILCĂI – Romania <i>The Entrepreneur and Business Management in Creative Industries</i>	
9.40–10:00	<u>Victor CIOBOTARU</u> , Dorin AVRAM, Florin PANTILIMONESCU – Romania <i>Contributions on the syringe pump control for nanofiber electrospinning using Bresenham algorithm</i>	<u>Elena GALATEANU (Avram)</u> , Silvia AVASILCĂI – Romania <i>Collaboration versus Coopetition</i>	
		<u>Gabriela RUSU</u> , Silvia AVASILCĂI – Romania <i>Human resources motivation: an integrative model</i>	
10:00–10.15	<u>Ovidiu CONSTANDACHE</u> , Rodica MURESAN, Vasilica POPESCU and Augustin MURESAN – Romania <i>Optimizing the washing of the flakes from polyethylene-terephthalate</i>	<u>Bogdan FLEACĂ</u> , Elena FLEACĂ, Olivia Doina NEGOIȚĂ – Romania <i>Research on the challenges of education process in business engineering field in the context of a technical university in Romania</i>	
10:15–10:30	Coffee Break, Hotel “Piatra Mare”		
10:30–11:00	Poster session 2, Hotel “Piatra Mare”		

Hour		PARALLEL SESSIONS 4	
11:00 –12:45	SESSION 4A <i>Functional textiles and clothing</i>	SESSION 4B <i>Miscellaneous</i>	
	Plenary Room, “ONIX”	Lecture Room 2, “AGAT”	
	Session Chairperson: Augustin MURESAN	Session Chairperson: Irina CRISTIAN	
Authors and papers to be presented			
11.00 –11.20	<u>Ana Cristina BROEGA</u> , Camila FALCONE – Portugal <i>Swimsuit Design for people who suffer from urinary incontinence</i>	<u>Agnieszka CICHOCKA</u> ¹ , Pascal BRUNIAUX ² – Poland, France <i>New approach to 3D prototyping in corsetry</i>	
11.20 –11.40	<u>Gina BALAN</u> , Lacramioara OPRICA, Emil Ioan MURESAN, Dorina CREANGA, Carmen POPESCU – Romania <i>Effect of fatty acid esters on antifungal treatment of cotton fabric</i>	<u>Manuela AVADANEI</u> , Irina IONESCU – Romania <i>Considerations regarding the design and manufacturing process of custom-made diving suits</i>	
11.40 –12.00	<u>Cezar-Doru RADU</u> , <u>Oana PARTENI</u> , Augustin MUREŞAN, Laura BULGARIU, Cornel MUNTEANU, Daciana-Elena BRĂNIŞTEANU – Romania <i>Controlled release of a drug from cyclodextrin complexes to dermis</i>	<u>Adina GOLINSCHI</u> , <u>Mihaela BARITZ</u> , Diana COTOROS, Daniela BARBU – Romania <i>Evaluation by digital microscopy of insoles anisotropic structures subjected to mechanical deformations</i>	

12.00 – 12:20	Alina - Lăcrămioara APREUTESEI ¹ , Antonela CURTEZA ¹ , Octavian BALTAG – Romania <i>Effects of electromagnetic fields on human bodies</i>	Bogdan SIRGHIE, Aura MIHAI – Romania <i>Custom made footwear insoles modelling using computer aided design techniques</i>
12.20 –12.40	Cezar-Doru RADU, Oana PARTENI, Gheorghe AGAFIŢEI, Oana BORHAN, Marcel POPA, Bogdan ISTRATE, Lăcrămioara OCHIUZ – Romania <i>Dosing and controlled release systems of A drugs from a textile to skin</i>	Mathivanan SELVARAJ, R.MOHAN, B.N.DAS – India <i>Investigation on Cushioning Behaviors of PU Foams as Footwear inserts for Higher BMI People</i>
12:40 – 13:10	Students in the spotlight: creativity, fashion, panels, products, posters..., Plenary Room	
13:10 - 14:30	Lunch break, Hotel “Piatra Mare”	
After lunch	Social activities Escorted private tour to Braşov	

Hour	SESSION 5	
14:30 –15:30	Workshop: “Lifelong Learning Program ERASMUS +”	
	Lecture Room 3, “SAFIR”	
	Chairpersons: Mirela BLAGA, Aura MIHAI	
	<p>Workshop: Lifelong Learning Program ERASMUS + Platform for International Relations</p> <p><i>“...The Erasmus+ Programme is designed to support Programme Countries' efforts to efficiently use the potential of Europe's human and social capital, while confirming the principle of lifelong learning by linking support to formal, non-formal and informal learning throughout the education, training and youth fields. The Programme also enhances the opportunities for cooperation and mobility with Partner Countries, notably in the fields of higher education and youth....”</i></p> <p>The Erasmus+ Programme Guide</p>	
15:30 – 16:00	Coffee break	
16:00 – 16:30	Closing Ceremony	

DAY 4

Saturday-September 6th 2012

Hour	Social activities
Starting at 08:00	The conference official partner “Travis Tourism” organizes group and private tours: - Escorted group tour through Medieval Transylvania (Râşnov, Rupea, Viscri and Sighişoara). Entrance tickets and lunch in Viscri are included.

POSTER SESIONS

Thursday - September 4th 2012

Poster session 1 16:30–17:00, Hotel “Piatra Mare”		
Topics:		
1. New fibres and advanced materials; 2. Textile science and technology; 3. Textile structures and properties; 4. Functional textiles and clothing; 5. IT applications; 6. Machinery developments;		
Nr.	Authors	Title of the paper
1.	Aileni Raluca Maria, Gheorghe Nicula, Lilioara Surdu	<i>3D wool panels development technologies for construction thermal insulation</i>
2.	Mariana Ichim, Costică Sava	<i>Twist liveliness of cotton/ recycled cotton blended rotor spun yarns</i>
3.	Costică Sava, Mariana Ichim	<i>Hemp – an environmentally friendly alternative to cotton</i>

4.	Valentin BULIGA, Antonela CURTEZA, Dominique C. Adolphe, Laurence Schacher	<i>Electrospinning constructive variants - overview</i>
5.	Luminita Ciobanu, Mioara Cretu	<i>Development of 3D knitted garments</i>
6.	Mirela BLAGA, Ana Ramona CIOBANU, Arzu MARMARALI, Gozde ERTEKIN	<i>Thermal comfort properties of weft knits made of NILIT[®] Innergy yarns</i>
7.	Yordanka Angelova	<i>Analysis of textile fabrics surface after laser marking</i>
8.	Cristina Racu	<i>The effects of heat-setting on the tensile properties of flax/polyester yarns</i>
9.	Romulus Bulacu, Ioan Filip, Mihai Ciocoiu	<i>The optimization of the displacement value at CRB punching test</i>
10.	Ioan Filip, Mihai Ciocoiu	<i>The dynamometric analysis of technical fabrics for upholstery</i>
11.	Ioan Filip, Costica Sava, Mihai Ciocoiu	<i>The density optimisation of the technical fabrics for upholstery</i>
12.	Luminița Ciobanu, Mioara Crețu	<i>Development of 3D knitted garments</i>
13.	Laura Macovei, Constanța Comandar	<i>Plain structures with float and tuck stitches</i>
14.	Aileni Raluca Maria, Gheorghe Nicula, Lilioara Surdu	<i>Mathematical modeling for thermal resistance capacity of the wool panels integrated in construction module</i>
15.	Elsayed Ahmed Elnashar, Aleksandr A. Smirnov	<i>Three-dimensional of crinkles effects using multilayer woven fabrics containing spandex</i>
16.	Liliana Buhu, Daniela Negru	<i>Research on the transfer of the tensile properties of yarns in the tensile properties of the denim fabrics</i>
17.	Daniela Negru, Liliana Buhu	<i>Research on the influence of finishing treatments on tensile properties of denim fabrics</i>
18.	Adriana Mustata, Florin St.C. Mustata, Danielle Douglas	<i>Electrical and mechanical behavior of mixture of flax and polyester fibres</i>
19.	Liliana Hristian, Cătălin Vîlcu, Iuliana Lupu, Demetra L.Bordeianu, Adrian Vîlcu	<i>Tensile properties analysis of Plasma treated PP fibers</i>
20.	Catalin Vilcu, Liliana Hristian, Demetra L. Bordeianu, Iuliana G. Lupu, Adrian Vîlcu	<i>Computer method for evaluating of cross-section filaments in PP yarns used for carpets</i>
21.	Iuliana Gabriela Lupu, Liliana Hristian, Demetra L. Bordeianu, Cătălin Vîlcu, Horațiu I. Hogaș	<i>Study of needling process parameters influence on nonwoven water absorbency</i>
22.	Rodica Harpa	<i>Considerations on the overall assessment of the quality profile for skirts designed as ready-to-wear collection</i>
23.	Irina Cristian, Cristina Piroi, Viorel Goanță, Bogdan Leițoiu	<i>Study on strength coefficient transfer from tow to glass woven fabrics</i>
24.	Valeria Slabu, Adriana Mustata	<i>Linear regression from SPSS in the hygroscopicity analysis of the bast yarns</i>
25.	Aileni Raluca Maria, Surdu Lilioara, Ovidiu Iordache	<i>New perspectives in plasma treatments for textile functionalization</i>
26.	Lilioara Surdu, Ioan Cioară, Mariana Vamesu, Ion Răzvan Rădulescu	<i>Technical textiles performed by plasma treatment</i>
27.	Liliana Lutic	<i>A necessity of this day and age - The creation of clothing products with high solar protection factor</i>
28.	Viorica Cretu	<i>Clothes become a real body care</i>
29.	Viorica Crețu, Laura Macovei	<i>Textiles for thermoregulation</i>
30.	Carmen Loghin, Felicia Iacomî, Irina Ionescu, Ionuț Dulgheriu	<i>Textiles composites with nano-structured functional coating</i>
31.	Carmen Loghin, Mariana Ursache, Mariana Ichim, Luminita Ciobanu, Emil Loghin	<i>Textile structures with metallic insertions for EMI shielding</i>
32.	Emanuela Marin, Luminița Ciobanu, Ioan Cioară and Marinela Bărbuță	<i>Development of concrete with glass yarn reinforcement</i>
33.	Angela Cerempei, Rodica Muresan, Oana Borhan, Augustin Muresan	<i>Functionalization of textile materials by Tea Tree essential oil applying</i>
34.	Laura Macovei, Constanța Comandar, Viorica Crețu	<i>Compressive knitted fabrics for special destination</i>
35.	Ionuț Dulgheriu and Manuela Avadanei	<i>Considerations regarding the manufacturing process of protective products made from special materials</i>

36.	Ionesi Dorin, Luminița Ciobanu, Mariana Ursache	<i>Mathematical correlation between section lines in 3D shapes and fashioning lines in 3D knitted fabrics</i>
37.	Elena Dubonosova, Elena Bogoduhova, Natalia Fonar, Ekaterina Vozvyshaeva	<i>Development of technology of three-dimensional scan of a human figure with the use of bodyscanners company "Humansolutions"</i>
38.	Elena Dubonosova, Elena Bogoduhova, Natalia Fonar, Ekaterina Vozvyshaeva	<i>Using of MAMAGI System for three-dimensional representation of the clothes models</i>
39.	Ioan Filip, Doina Cascaval	<i>Software application for mathematical modelling and optimization of stochastically textile processes</i>
40.	Olga Diordiev	<i>Parametric design of knitted garments by using CAD systems and basic applications</i>
41.	Daniela Liute, Adrian Buhu	<i>Technological relations for automatic control of preliminary beams braking for warping machine stopping at yarn breakage, after a warp constant length wrapped</i>
42.	Daniela Liute, Adrian Buhu	<i>Technological relations for automatic control of sectional warping drum braking for machine stopping at yarn breakage, after a section constant length wrapped</i>
43.	Ioan Cioară, Ioan Iacob, Daniela Liute	<i>Wrapping Fabrics with Constant Output Speed on Rolls with Variable, Computer-Assisted Rotation Speed</i>

Friday - September 5th 2014

Poster session 2

10:30–11:00, Hotel "Piatra Mare"

Topics: 1. Fashion design and product development; 2. Innovation in textile finishing;

3. Advances in leather processing; 4. Footwear design and technology; 5. Ecology in textiles and leather processing

6. Marketing and Management; 7. Engineering education

Nr.	Authors	Title of the paper
1.	Marcela Irovan, Irina Tutunaru, Stela Balan, Olga Burlacu	<i>Diversification of assortment of jacket-type products for men</i>
2.	Marcela Irovan, Irina Tutunaru, Stela Balan, Nadejda Chilirova	<i>Methodological aspects of rational wardrobe</i>
3.	Irina Tutunaru, Stela Balan, Marcela Irovan, Tatiana Naumenco	<i>Determination of anthropomorphological homogeneity of girls bodies of preschool age group</i>
4.	Irina Tutunaru, Stela Balan, Marcela Irovan, Tatiana Naumenco	<i>Use of body proportioning systems in designing new models of jackets for girls aged 3 to 6.5 years</i>
5.	Stela Balan, Irina Tutunaru, Marcela Irovan, Doinița Andrieș	<i>Interference of traditional moldavian suit with the contemporary women suit</i>
6.	Stela Balan, Irina Tutunaru, Marcela Irovan, Doinița Andrieș	<i>Use of specific elements of moldavian folks garments in the elaboration of new models of products for women</i>
7.	Olga Diordiev	<i>Methods for constructive and aesthetic diversification of shapes of the knitted products</i>
8.	Ekaterina Vozvyshaeva, Elena Dubonosova	<i>Improved method for the construction of corsetry body scan</i>
9.	Emilia Filipescu, Sabina Olaru, Elena Spânachi	<i>Methods for assessing the model family economics</i>
10.	Ancuta – Vasilica Apetrei, Antonela Curteza, Laurence Schacher, Dominique Adolphe	<i>Surgical gowns and drapes - restrictions for the designer</i>
11.	Ramona Budeanu	<i>Inspiration from the nature: natural dyes</i>
12.	Ramona Budeanu	<i>Natural dyes: printing and dyeing techniques -inspiration for fashion and interior design-</i>
13.	Tatiana Constandache, Angela Cerempei, Ana Irina Ecsner and Rodica Muresan	<i>Modified organic pigments used in printing of cotton fabrics</i>
14.	Bianca Lengyel, Nicolae Faur, Cristian Neș, Anghel Cernescu	<i>Experimental research on the mechanical and elastic polyurethane artificial materials leather in textile</i>
15.	Adina Golinschi, Mihaela Baritz, Diana Cotoros, Daniela Barbu	<i>Correlative analysis methodology for plantar pressure versus footwear type during gait cycle</i>

16.	Marina Malcoci	<i>Diversification in the company of footwear production using CAD / CAM systems</i>
17.	Mariana Costea, Aura Mihai	<i>Advanced CAD solutions for footwear</i>
18.	Razvan MOCANU, Ioan CIOARA – Romania	<i>A study regarding data collection methods for 3D footwear orthotics modeling</i>
19.	Razvan MOCANU, Ioan CIOARA – Romania	<i>A study regarding data processing for 3D footwear orthotics modelling</i>
20.	Nicolaie Ischimji, Stan Mitu, Liviu Mărcuş	<i>Inner shape footwear design for patients with diabetes</i>
21.	Iovan-Dragomir Alina	<i>The foot comfort - case study</i>
22.	Marta Catalina Harnagea, Florentina Harnagea	<i>Aspects regarding the flap bag development</i>
23.	Marta Catalina Harnagea, Aura Mihai	<i>Using Conjoint analysis for sport footwear design</i>
24.	Cornelia Luca, Cozmin Ionescu, Ion Cioară	<i>A design method for flat footwear soles using DELCAM PowerSHAPE-e</i>
25.	Cornelia Luca, Răzvan Mocanu, Cozmin Ionescu	<i>A design method for spatial footwear soles using DELCAM PowerSHAPE-e</i>
26.	Iovan-Dragomir Alina	<i>Development and validation of health foot evaluation questionnaire</i>
27.	Liliana Lutic	<i>Eco-labeling - A step towards a healthier life</i>
28.	Tudorel Bălău Mîndru, Ovidiu Poiană, Melinda Pruneanu, Iulia Bălău Mîndru, Augustin Mureşan	<i>Study of microwave influence on the hydrolysis yield of human hair and wool waste keratins.</i>
29.	Tudorel Bălău Mîndru, Emil Popa, Melinda Pruneanu, Iulia Bălău Mîndru, Augustin Mureşan	<i>Study on the influence of electrolysis conditions on the hydrolysis of collagen from sheepskin wastes.</i>
30.	Adriana – Ioana Subtirica, Fazilet Taskoparan , Carmen Ghituleasa, Mariana Vamesu , Laurentiu Christian Dinca, Angela Dorogan	<i>Eco-friendly dyeing process for denim fabrics</i>
31.	Corneliu E. SAVENCU, Gabriel MARTINESCU, Vasile MARTINESCU and Ramona SAVENCU	<i>Development of an ecological dyeing process for yarn, denim fabric, jeans applicable at industrial scale based on vegetable and natural dyes - “VEGDENIM”</i>
32.	Ion Verzea, Gabriel-Petru Luca, Irina Cozmîncă, Rachid Chaib	<i>RCM applying methodology in the textiles firms activity</i>
33.	Ion Verzea, Gabriel-Petru Luca	<i>Production costs assessment in the clothing industrie by using the conventional work units</i>
34.	Geanina Silvana Banu, Andreea Dumitrescu, Anca Alexandra Purcarea	<i>Prospecting innovation through patenting in the textile industry and related risk factors in the context of economic crisis</i>
35.	Pulferia Nicolaiov, Adela Florea	<i>Specific approaches for competitive potential growth of the garment manufacturing companies in the current profile market evolution conditions</i>
36.	Anca Butnaru, Silvia Avasilcai	<i>Environmental management and competitiveness in Romanian textile industry</i>
37.	Romeo Mihai Ciobanu,	<i>Aspects regarding some important requirements to reach success in project management</i>
38.	Dan Dorin, Mariana Ursache	<i>Graphical application for interactive learning</i>
39.	Daniela Bucur, Carmen Ghituleasa, Marius Iordanescu, Carmen Loghin	<i>Woman researcher in the textile field</i>
40.	Danilă Victoria, Stela Balan	<i>The relationship between the teacher and the student in the technical higher education</i>
41.	Luminița Ciobanu, Dorin Ionesi	<i>Interactive application for the simulation of the sewing machine mechanisms</i>
42.	Adrian Buhu, Liliana Buhu	<i>Is MOOCs a solution for learning textile engineering online?</i>
43.	Mariana Cojocar	<i>Modular training in vocational technical higher education</i>

Poiana Brasov

Founded in 1895, *Poiana Brasov* was first a tourist district of Brasov. In 1906, *Poiana* was designated as a winter resort, and three years later the first ski competition in Romania was held here. In 1951 *Poiana* hosted The International Winter Games for students. Nowadays the resort resembles more a town than a ski resort with its luxurious hotels, fantastic apartments and classy restaurants.

Poiana is one of the most frequented resorts in Romania, mostly because of its modern sports infrastructure, including an artificial skating ring, sport fields and riding centers. In *Poiana Brasov* there is an Olympic ski-track and 9 downhill and slalom runs (the biggest number of ski slopes in the country) covering over 20 km. One of the advantages of the resort is the artificial snow making installation which enables the most passionate skiers to practice their favorite sport from autumn until spring. Another attraction you will find here is the opportunity to ride in a horse-drawn sleigh.

It is located at about 1,020 meters above sea level near the city of Braşov in Romania and it is easily accessible by road. Poiana Braşov is surrounded by four mountains: Postăvaru (1,799 m), Piatra Craiului (2,238 m), Bucegi (2,505 m) and Piatra Mare (1,848 m).

Poiana Braşov is host to a number of hotels and restaurants, the majority of which cater for foreign tourists. Two of the better known restaurants are: *Şura Dacilor* (*The Dacians' Barn*) and *Coliba Haiducilor* (*The Outlaws' Shack*). Amongst other attractions in Poiana Braşov visitors can find traditional mulled wine and a pepper spiced alcoholic drink known as *ţuică* as well as other traditional Romanian fare.



Bucegi Mountains



Postăvaru Mountains



Piatra Craiului Mountains



Hotel "Piatra Mare"

A Glance at Saxon Transylvania

An **escorted tour** will be organized on **September 6th** having as main objectives the **medieval history of Transylvania**.

The tour will include the following objectives: the **fortress of Rasnov**, the **vilage of Viscri** and the U.N.E.S.C.O. site of the fortified church, the U.N.E.S.C.O. site of the city of Sighisoara, followed by an optional trip to the **Bran Castle**.

Lunch (fixed menu, at Viscri, in a traditional Transylvanian manner), entrance fee at the Tower Museum in Sighisoara and the Rasnov Fortress are all included in the fee.

Fee: 56 EUR/pers.



Sighisoara

Sites and places

Brasov

Fringed by the peaks of the Southern Carpathian Mountains and resplendent with gothic, baroque and renaissance architecture, as well as a wealth of historical attractions, **Brasov** is one of the most visited places in Romania.

Founded by the Teutonic Knights in 1211 on an ancient Dacian site and settled by the Saxons as one of the seven walled citadels*, Brasov exudes a distinct medieval ambiance and has been used as backdrop in many recent period films.



Râşnov Citadel

Râşnov Citadel (Romanian: *Cetatea Râşnov*, German: *Rosenauer Burg*) is a historic monument and landmark in Romania. It is situated in Râşnov, Braşov County, in the immediate vicinity of Braşov.

The citadel was built as part of a defence system for the Transylvanian villages exposed to outside invasions. A decisive aspect for building the citadel on the actual location was the route of the invading armies which were coming from the Bran pass and were passing through Râşnov, on their way to Burzenland. The only chance of survival for the inhabitants of the area, inclusively from Cristian and Ghimbav, was the refuge inside the citadel. Compelled to stay there for decades, the people of Râşnov and the nearby villages turned the fortification into a dwelling.



Viscri



Deep in the heart of **Transylvania** lies a village of such beauty to be worthy of the UNESCO World Heritage title. With its German influences and candid inhabitants, you will feel at home.

Viscri is best known for its highly fortified church, originally built around 1100 AD by the Szecklers. HRH Prince Charles of Wales fell in love with the unspoiled natural beauties of Transylvania. In 2006, The Prince bought and restored an 18th Century Saxon houses in Viscri to help protect the unique way of life and promote sustainable tourism.

Bran Castle

Bran Castle, situated near Bran and in the immediate vicinity of Braşov, is a national monument and landmark in Romania. The fortress is situated on the border between Transylvania and Wallachia. Commonly known as "Dracula's Castle", it is marketed as the home of the titular character in Bram Stoker's *Dracula*. The first documented mentioning of Bran Castle is the act issued by Louis I of Hungary on November 19, 1377, giving the Saxons of Kronstadt (Braşov) the privilege to build the stone citadel on their own expense and labor force; the settlement of Bran began to develop nearby. In 1438–1442, the castle was used in defense against the Ottoman Empire, and later became a customs post on the mountain pass between Transylvania and Wallachia. In 1920, the castle became a royal residence within the Kingdom of Romania. It became the favorite home and retreat of Queen Marie.



In 2005, the Romanian government passed a special law allowing restitution claims on properties illegally expropriated, such as Bran, and thus a year later the castle was awarded ownership to Dominic von Habsburg, the son and heir of Princess Ileana.

Sighişoara



Sighişoara is considered to be the most beautiful and well preserved inhabited citadel in Europe, with authentic medieval architecture. In Eastern Europe, Sighişoara is one of the few fortified towns that are still inhabited. The town is made up of two parts. The medieval stronghold was built on top of a hill and is known as the "Citadel" (Cetate). The lower town lies in the valley of Târnava Mare river. The houses inside Sighişoara Citadel show the main features of a craftsmen's town. However, there are some houses that belonged to the former patriciate, like the Venetian House and the House with Antlers. The landmark of the city is the Clock Tower, a 64 m-high tower built in the 13th century. Today is a museum of history.