

PROGRAMME



**17th Romanian Textiles and Leather Conference
CORTEP 2018**

**7-9 November 2018
Iași, Romania**

Organizers:



“Gheorghe Asachi” Technical University of Iasi



Faculty of Textiles, Leather and Industrial Management

Co-organizers:



Alumni Association of the Textile and Leather Faculty, Iasi



General Association of Engineers in Romania (AGIR)



Doctoral School of “Gheorghe Asachi” of Technical University of Iasi- Romania



National Research & Development Institute for Textiles and Leather

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CONFERENCE PROGRAMME




Faculty of Textiles, Leather and Industrial Management, 28, D. Mangeron Av., Iași, Romania


Wednesday – November 7 th 2018	
Hour	Activity
18:00 – 19:00	Registration (Tex 1 Building, Council Room)
19:00 – 20:00	Welcome Reception

“Gheorghe Asachi” Technical University of Iași, RECTORATE ,67, D. Mangeron Av.

Thursday - November 8 th 2018		
“Gheorghe Asachi” Conference Room		
Hour	Activity	
08:30 – 09:00	Registration	
OPENING CEREMONY		
09:00 – 09:40	Opening Ceremony & Awards Opening and welcome speech session <ul style="list-style-type: none"> - Welcome opening speech: Assoc. Prof. Mariana URSACHE – president of the Conference (Romania) - Welcome opening speech: Prof. habil. Maria- Carmen LOGHIN– Vice-Rector of TUIASI (Romania) - Opening remarks from attending participants 	
PLENARY SESSION - CORTEP		
“Gheorghe Asachi” Technical University of Iași, Conference Room, 67, D. Mangeron Av., Iasi		
Chairpersons: Mariana URSACHE and Maria-Carmen LOGHIN		
Plenary Presentations (20 minutes + 10 minutes comments/presentation)		
Hour	Keynote Speaker	Title of the Presentation
09:40 – 10:10	Max-Lang HOLGER Managing Director Lectra Central & Eastern Europe region, Russia	„Ever faster, always flexible and more agile: Why the Romanian fashion industry needs to go digital? Join Industry 4.0!”
10:10 – 10:40	Andreas WIDMANN Deputy CEO, TEXmarket GmbH / Cottontex	“How digitalisation drives the trend for mass customisation in the textile industry.”
10.40-11.00	Coffee Break (RECTORATE hall)	
Hour	Session Chairpersons Silvia AVASILCAI and Antonela CURTEZA	
11.00-11.20	Ana Maria GULEI Gemini CAD Systems-Iasi, Romania	<i>Gemini Mass Customization Solution</i>

	Product Manager	
11:20 – 11:40	Bharath RAMESH, António Dinis MARQUES University of Minho	<i>Collaborative strategy between Portugal and India: the textile sector</i>
11.40-12.00	Cezar Doru RADU, Vlad ROTARU "Gheorghe Asachi" Technical University of Iași	<i>Medical textiles with controlled drug release</i>
12.00-12.20	Rabeh KHARZI, Rachid CHAIB, Ion VERZEA, Gabriel-Petru LUCA Laboratory of Transport Engineering and Environment, Mentouri University, Constantine	<i>Strategic management of industrial risk prevention: a lever for the security and the durability of the company</i>
12.30-14.00	Lunch break <i>Faculty of Textiles, Leather and Industrial Management, 29, D. Mangeron Av., Ground Floor.</i>	

PARALLEL SESSIONS 1		
<i>Faculty of Textiles, Leather and Industrial Management, 29, D. Mangeron Av.</i>		
	"I.C.Stefanescu" Auditorium	Building Tex 1, Council Room, Ground Floor
<i>Hour</i>	<i>Activity</i>	
	SESSION 1A	SESSION 1B
14:00-16:40	Session Chairpersons: Manuela AVADANEI and Irina IONESCU	Session Chairpersons: Mirela BLAGA and Cezar Doru RADU
Authors and papers to be presented (15 minutes + 5 minutes comments/presentation)		
14:00–14:20	 <p>Facing the 1st Job→Careers (part I) T&C Companies presentations</p> <ul style="list-style-type: none"> ✓ Industries YIELD ✓ COTTONTEX- Timișoara ✓ GEMINI CAD- Iasi ✓ SC PANDORA-PROD SRL- Focsani ✓ SC Katty-Fashion SRL, Iasi ✓ Etc. <p>TPMI Practice Project presentation: <i>"POCU 90/6.13/6.14/108886 / Practică și vei fi competent!"</i></p>	Solange FERNANDES, José LUCAS, Maria José MADEIRA, Alexandra CRUCHINHO and Isabela Dias HONÓRIO <i>Fashion revolution as promoter of social innovation and sustainability in fashion</i>
14:20–14:40		Ibrahim A. ELHAWARY, Sherwet H. ELGHOLMY, Wael A. HASHIMA <i>The globalization of the Egyptian cotton industry quality via the engineering units. Part 1: The engineering Egyptian cotton fiber quality – CROP 2015</i>
14.40-15.00		António Dinis MARQUES, Ha LUU, Fernando FERREIRA <i>Digitalization and industry 4.0 in the Portuguese T&C sector</i>
15.00–15.20		Shagufta RIAZ, Ayesha YOUNUS, Munir ASHRAF, Tanveer HUSSAIN <i>Study of Drape and Seam Strength of Fabric and Garment in relation to Weave Design and Comparison of 2-D and 3-D Drape Properties</i>
15.20-15.40		Muhammad Umar NAZIR, Khubab SHAKER, Rizwan HUSSAIN, Yasir NAWAB <i>Characterizing the auxeticity of helical auxetic yarns and corresponding woven fabrics</i>
15.40-16.40	Poster session, Faculty of Textiles, Leather and Industrial Management, Council Room, Ground Floor Coffee break (ASITEX Room, Ground Floor)	

Hours	Activity	
16.40-18.00	SESSION 1A	SESSION 1B
	Session Chairpersons: Manuela AVADANEI and Irina IONESCU	Session Chairpersons: Irina CRISTIAN and Bogdan RUSU
16.40-17.00	 <p>Arriving at a crossroads</p> <p><i>Facing the 1st Job: Face- to- face meeting between the T&C Companies and TPMI Students (part II)</i></p>	<u>Rıza ATAV</u> , <u>Şeyma SOYDAŞ</u> <i>Obtaining vintage effect on woollen fabrics via ozonation</i>
17.00-17.20		<u>Huseyin Ata KARAVANA</u> , <u>Fatma AKPOLAT</u> , <u>Mehmet Ozgur SEYDIBEOGLU</u> <i>TPU based surface coating applications on leather with electrospinning systems</i>
17.20-17.40		<u>Luminita Ciobanu</u> , <u>Savin Dorin IONESI</u> , <u>Mariana URSACHE</u> , <u>Cristina PIROI</u> , <u>Florina CIORNEI</u> , <u>Stelian ALACI</u> and <u>Constantin DULUCHEANU</u> <i>Experimental research regarding the impact behaviour of composites reinforced with knitted fabrics and glass fibre</i>
17.40-18.00		<u>Anişoara BERTEA</u> , <u>Andrei-Petru BERTEA</u> <i>Environmental impact characteristics of the wastewater from cationic dyeing</i>
18.20-18.00	Poster session, Faculty of Textiles, Leather and Industrial Management Council Room, Ground Floor	
19.00	Official Dinner, "Eden" Restaurant 1, "Sfantul Sava " Street, Iasi (located next to the "Vasile Alecsandri" National Theatre)	

Friday, November 9 th 2018			
PARALLEL SESSIONS 2			
Faculty of Textiles, Leather and Industrial Management 29, D. Mangeron Av.			
	"I.C. Stefanescu" Auditorium Ground Floor	Building Tex 1, Council Room, Ground Floor	Building Tex2, Room 101, 1 st Floor
Hour	Activity		
9.00-13.00	SESSION 2A	SESSION 2B	SESSION 2C
	<i>Platform for international relations</i>	<i>Doctoral School of FTPMI</i>	Workshop Erasmus + Project
	Session Chairpersons: Mirela BLAGA and Aura MIHAI	Session Chairpersons: Silvia AVASILCAI and Antonela CURTEZA	
Authors and papers to be presented (15 minutes + 5 minutes comments)			
9.00-9.20	<u>Mariana URSACHE</u> , <u>Luminita CIOBANU</u> , <u>Maria Carmen LOGHIN</u> , <u>Bogdan RUSU</u> <i>Need analysis of transferring research and innovation in the textiles and clothing sector</i>	<u>Mihaela COJAN</u> , <u>Ion VERZEA</u> and <u>Adrian VÎLCU</u> <i>The soft skills of entry level engineers from industrial engineering field</i>	TEXSTRA - Workshop for the validation of the Training programme and e-learning content for
9.20 - 9:40	<u>Gabriela Livia MITREA (CURPĂNARU)</u> <i>Quality as performance dimension in the education system</i>	<u>Marzieh JAVADI TOGHCHI</u> , <u>Carmen LOGHIN</u> , <u>Irina CRISTIAN</u> , and <u>Dorin IONESI</u> <i>3D printing on textile fabrics</i>	

9.40–10.00	Bogdan RUSU, Mihaela Brîndușa TUDOSE <i>Students perceptions on e-learning in a technical university according to their time spent navigating the internet and social media</i>	Manuela MIHĂILIASA, Silvia AVASILCĂI <i>Circular business models: insights and new concepts</i>	<i>transferring research and innovation</i> 
10.00 – 10.20	Bogdan RUSU, Mihaela Brîndușa TUDOSE <i>Perceptions on e-learning in a technical university according to their competences in english</i>	Alexandra LUCA, David SANCHEZ DOMENE <i>End-of-life scenarios for safety shoes using life cycle assessment</i>	
10.20 – 10.40	Lacramioara Leon, Irene Guillermo Rodríguez <i>Advanced textiles used in the spanish aerospace industry</i>	Adriana BUJOR, Silvia AVASILCĂI <i>Open Innovation within Fashion Industry</i>	
10.40 – 11.00	Coffee break, Faculty of Textiles, Leather and Industrial Management ASITEX Room, Ground Floor		
Hour	Activity		
11.00 14.20	SESSION 2A		SESSION 2B
	<i>Session Chairpersons</i> Luminita CIOBANU and Bogdan RUSU		<i>Session Chairpersons</i> Irina CRISTIAN and Cezar Doru RADU
11.00-11.20	Mirela BLAGA, Rodica HARPA, Cristina PIROI, Bogdan RUSU, Cristiana ISTRATE, Ion Răzvan RĂDULESCU, Emilia VISILEANU <i>Benchmarking study concerning the innovation capacity of the textile companies</i>	Alin - Ciprian COJOCARIU, Ion VERZEA, Rachid CHAIB <i>Specific aspects of security in higher education institutions</i>	
11.20-11.40	Aura MIHAI, Bogdan Sarghie, et. all <i>FIT2COM- FIT TO COMFORT- Skills Alliance for Comfort & Healthy Footwear Manufacturing New Qualification Profile and Innovative Training Opportunities</i>	Letiția LUCESCU, Silvia AVASILCĂI, Neculai BAGIU <i>Organizational agility: business and technical perspectives</i>	
11.40-12.00	Aura MIHAI, Mariana Costea, et. all <i>TCLF- Skills4Smart TCLF Industries 2030- Enhancing the modernisation and competitiveness of the European Union's Textile, Clothing, Leather, and Footwear (TCLF) sectors</i>	Elena GALATEANU AVRAM, Silvia AVASILCĂI <i>The use of crowdsourcing within textile industry</i>	
12.00-12.20	Silvia AVASILCAI, et. all <i>Digital Innovation Model for Business Ecosystems from Creative Industries – CRE@TIVE.BIZ PN-III-P2-2.1-PED-2016-0689</i>	Marius GRAMATICU, Silvia AVASILCAI <i>Cluster - a successful business model?</i>	
12.20-12.40	Aura MIHAI, Arina SEUL, et. all <i>BOOST4SHOES- Boosting online cross-border sales of shoes through e-commerce coaching for SMEs from the shoe industry</i>		
12.40-13.00	Aura MIHAI, Bogdan SARGHIE, et. all <i>SHOEMAN- Manager for an Efficient and Innovative Footwear Industry</i>		
13.00-13.20	Aura MIHAI, Bogdan SARGHIE, et. all <i>ICSAS- Integrating companies in a Sustainable Apprenticeship System</i>		
13.20-14.00	Poster session, Council Room (Ground Floor)		
14.00 - 14.20	Clothing Ceremony "I.C.Stefanescu" Auditorium, Ground Floor		
14.20 - 16.00	Visiting laboratories, Faculty of Textiles, Leather and Industrial Management		

POSTER SESSIONS

Faculty of Textiles, Leather and Industrial Management, 29, D. Mangeron Av
Tex 1 Building, Council Room, Ground Floor

<i>Thursday – November 8th 2018</i>		
Nr.	Authors	Title of the paper
New fibers and advanced materials		
1.	Melkie Getnet TADESSE, Vincent NIERSTRASZ, Maria Carmen LOGHIN	<i>Intrinsically conductive textiles by scalable process for electroluminescence applications</i>
Textile science and technology		
2.	Duygu YAVUZKASAP AYAKTA, Nazlı ÇAĞLAR CINPERI, Sezin CELIKKIRAN	<i>Performance of the woven fabrics from sustainable yarns</i>
3.	Cristina RACU	<i>Could Romanian flax fibres get European certification? A case study</i>
4.	Georgeta-Lidia POTOP, Ana-Lacramioara LEON, Adam VINEREANU	<i>Optimization of the bulking-heating process for plush yarns obtained from 100% wool</i>
5.	Rodica-Mariana ION, Marian DEACONU, Adrian RADU, Ioan Alin BUCURICA, Sofia TEODORESCU, Ioana Daniela DULAMA, Mihaela-Lucia ION, Lorena IANCU, Ramona Marina GRIGORESCU	<i>Complex analytical investigations of the degradation products from a canvas iconostasis</i>
6.	Dumitru LIUTE, Lucica CIOARA, Daniela LIUTE	<i>Basic technological relationships for fabrication programs of the woven fabric with weft setting ratio</i>
7.	Claudia Iuliana UDRESCU, Maria-Carmen LOGHIN	<i>A new approach to textile technology for modification of fabrics flexibility</i>
Functional textiles and clothing		
8.	Victoria DANILA, Antonela CURTEZA	<i>Special care of premature babies and their specific functional clothes</i>
9.	Victoria DANILA, Antonela CURTEZA	<i>Thermoregulatory clothes for premature babies: effectiveness and risks</i>
10.	Liliana LUTIC	<i>Improving the cognoscibility function – an essential condition in experiencing products and evaluating their quality</i>
11.	Liliana LUTIC	<i>Extending the functions and quality characteristics for “smart” textile products</i>
12.	Adrian SALISTEAN, Doina TOMA, Claudia NICULESCU, Sabina OLARU	<i>Protection equipment and UAS support system for intervention in emergency situations</i>
13.	Cezar Doru RADU, Mirela BLAGA, Manuela AVĂDANEI, Camelia TAMAȘ, C. V MĂCĂREL, Vlad ROTARU, R. M. IVĂNUȘ	<i>Study on performing of a therapeutic clothing for burns</i>
14.	Cezar Doru RADU, VERESTIUC, E. ULEA, Camelia TAMAȘ, Florin LIPȘA, C. V MĂCĂREL, Florin IVAN	<i>Study on obtaining of bio materials keratin based for tegument regeneration</i>
15.	Marzieh JAVADI TOGHCHI, Carmen LOGHIN, Irina CRISTIAN, Christine CAMPAGNE, Pascal BRUNIAUX and Aurèlie CAYLA	<i>Investigation of Woven Characteristics on Electromagnetic Shielding Behavior</i>

16.	<u>Laura MACOVEI</u> , Viorica CRETU, Antonela CURTEZA, Corneliu BURLACU	<i>Innovative textile products for activities that can lead to injury and health issues</i>
17.	<u>Laura MACOVEI</u> , Viorica CRETU, Antonela CURTEZA, Corneliu BURLACU	<i>Textile products with specific functionality which aim at protecting active people</i>
18.	<u>Augustin MURESAN</u> , Angela DANILA, Emil Ioan MURESAN, Alina POPESCU, Laura CHIRILA, Cezar Doru RADU	<i>Emulsion stability of lavender essential oil in beeswax matrix</i>
19.	<u>Irina IONESCU</u> , Adela FLOREA, Diana VIZITEU	<i>Ergonomical specifications for children's garments</i>
20.	<u>Mulat Alubel ABTEW</u> , François BOUSSU, Pascal BRUNIAUX, Maria-Carmen LOGHIN, Irina CRISTIAN, Yan CHEN and Lichuan WANG	<i>Ballistic impact performance and energy absorption capabilities of 2D plain and 3D warp interlock para-aramid woven fabric panels for women seamless soft body armour application</i>
21.	<u>Doina TOMA</u> , Alina POPESCU, Claudia NICULESCU, Georgeta POPESCU, Adrian SALISTEAN, Marcel ISTRATE, Maria BUZDUGAN, Marcela RADU	<i>Undergarment PPE with modular structure for staff working in the national defence, public order and security system</i>
Machinery developments		
22.	<u>Irina IONESCU</u> , Adela FLOREA, Emil-Constantin LOGHIN	<i>Improvement of the technical specifications in a knitwear company</i>
IT applications		
23.	<u>Sabina OLARU</u> , Georgeta POPESCU, Monica CIOLOFAN, Claudia NICULESCU, Adrian SALIȘTEAN	<i>Innovative informational technology for design and customization of work equipment</i>
24.	<u>Doina CASCAVAL</u>	<i>Markov models for a machine interference problem with applications in textile industries. Case studies</i>
25.	<u>Bianca ALUCULESEI</u> , Sybille KRZYWINSKI, Antonela CURTEZA	<i>Scanning procedure for wheelchair-users - a step forward in obtaining a 3D body model for the sitting posture</i>
Innovation and entrepreneurship		
26.	<u>Mihaela DIACONU</u>	<i>Innovative products and models to a better access to finance for SMEs</i>
27.	<u>Marius GRAMATICU</u> , Silvia AVASILCAI	<i>Smart specialization - an instrument to encourage the growth of economic competitiveness in the North-East Region</i>
28.	<u>Cristiana ISTRATE</u> , Ionuț MOIȘĂ	<i>Generations and values</i>
Business and management		
29.	<u>Mihaela-Brindusa TUDOSE</u> , Raluca-Petronela LĂZĂRESCU	<i>The communication process – a key factor for financial performance of Romanian companies from textile industry</i>
30.	<u>Daniela Geanina LUCA (COSOSCHI)</u> , Luminita Mihaela LUPU	<i>Specialized literature study regarding managers' roles involvement in organizational change process</i>
31.	<u>Neculai BAGIU</u> , Silvia AVASILCĂI	<i>Managing results in developing a crowdsourcing platform: the case of cre@tive.biz</i>
32.	<u>Silvia CRETU</u> , Mihaela Luminita LUPU	<i>Bibliographic study to identify the models of measuring the productivity of intellectual work</i>
33.	<u>Adrian MARDARI</u> , Mihaela Luminița LUPU	<i>Systematic review of the main characteristics of multi source feedback appraisal model</i>

Friday – November 9th 2018		
Nr.	Authors	Title of the paper
Textile structures and properties		
1.	<u>Rodica HARPA</u> , Cristina PIROI	<i>Sewing threads for upholstered furniture</i>
2.	<u>Luminita Ciobanu</u> , Mariana URSACHE, Savin Dorin IONESI	<i>Experimental study regarding the porosity of loose knitted fabrics</i>
3.	<u>Savin Dorin IONESI</u> , Luminita CIOBANU, Mariana URSACHE, Ionut DULGHERIU and Emil Constantin LOGHIN	<i>The influence of warp yarns on impact behavior of weft knitted fabrics reinforced composites</i>
4.	<u>Adrian Buhu</u> , Liliana BUHU, Daniela NEGRU	<i>Analysis of mechanical characteristics of fabrics for packaging. Modelling breaking force-elongation curve</i>
5.	<u>Liliana HRISTIAN</u> , Maria Magdalena OSTAFE, Catalin VILCU	<i>Analysis of volumetric filling coefficient for worsted fabrics type using the statistical method of correlation</i>
Intelligent textiles		
6.	<u>Maria Magdalena OSTAFE</u> , Dorin AVRAM, Liliana HRISTIAN	<i>Firmware used by an intelligent glove</i>
Fashion design and product development		
7.	<u>Manuela AVADANEI</u> , Irina IONESCU, Emil-Constantin LOGHIN, Ionut DULGHERIU, Radu-Doru CEZAR	<i>Theoretical considerations regarding the design of the raglan cutline</i>
8.	<u>Constantin-Ciprian IRIMIA</u> , Antonela CURTEZA	<i>The research of online and offline promotional aspects of fashion industry, focusing on aesthetic strategies</i>
Ecology in textiles and leather processing		
9.	<u>Ingrid BUCIȘCANU</u> , Melinda PRUNEANU, Tudorel BĂLĂU-MÎNDRU, Vasilica MAIER	<i>Greening the leather making: chrome- free tanning agents and technologies</i>
10.	<u>Dana VARASTEANU</u> , Irina CHICAN, Sanda Maria DONCEA, Marian DEACONU	<i>Structural and morphological changes in protein materials after enzymatic treatment</i>
11.	<u>Constantin Eugen AILENEI</u> , Costică SAVA, Mariana ICHIM ,Maria-Carmen LOGHIN	<i>Polypropylene-based composites reinforced with polyester woven fabric scraps</i>
Engineering education		
12.	<u>Mariana URSACHE</u> , Manuela Lăcrămioara AVĂDANEI, Luminița CIOBANU	<i>Work Based Learning in education and training</i>
13.	<u>Manuela AVADANEI</u> , Mariana URSACHE, Maria- Carmen LOGHIN, Irina IONESCU, Luminita CIOBANU, Alexandra LUCA, Lidia ALEXA, Savin-Dorin IONESI, Emil-Constantin LOGHIN	<i>Circular economy innovative skills in the textile sector" – ECO TEX</i>
Advances in leather processing		
14.	<u>Melinda PRUNEANU</u> , Ingrid-Ioana BUCIȘCANU, Vasilica MAIER, Iulia BĂLĂU-MÎNDRU	<i>Use of quality control tools and techniques to improve the quality of finished leather</i>

15.	<u>Marian CRUDU</u> , Marian DEACONU, Marius CIORNEI, Dana GURAU	<i>New bioproducts to replace ammonium salts in delimiting hides, based on collagen hydrolysates from untanned bovine hide waste</i>
16.	<u>Marian CRUDU</u> , Marcel IONESCU, Mihaela NICULESCU, Marius CIORNEI, Dana GURAU	<i>Compositions and processes based on polyurea to improve physical-chemical and mechanical characteristics of splits for leather goods with special applications</i>
17.	<u>Marian DEACONU</u> , Raluca SENIN, Sanda Maria DONCEA	<i>Liposomal forms of modified red, blue and black nanopigments for natural leather dyeing</i>
18.	<u>Maria Magdalena OSTAFE</u> , Dorin AVRAM, Liliana HRISTIAN	<i>Study of the heat transfer and thermoelectric phenomena using comsol multiphysics</i>
Footwear design and technology		
19.	<u>Nicolai ISCHIMJI</u> , Stan MITU	<i>Appropriate footwear for people with diabetes</i>
20.	António MARQUES, João Pedro PONTE, <u>Ana Cristina BROEGA</u>	<i>Sustainability in the portuguese fashion accessory & footwear industry (case studies)</i>
21.	<u>Alina IOVAN-DRAGOMIR</u> , Laura COJOCARU	<i>Shoe industry - an industry in development</i>
22.	<u>Alina IOVAN-DRAGOMIR</u> , Antuza STAN	<i>Internet of things: fashion and shoes in the future</i>
23.	<u>Elsayed ELNASHAR</u> , Adina-Victoria ALBU, Liliana INDRIE	<i>Influence the comfort elements of ancient Egyptian braided footwear on modern design for summer</i>
24.	<u>Alina IOVAN-DRAGOMIR</u> , Bianca GRADINARU - student master	<i>Shoe making process: integration between tradition and innovation</i>
25.	<u>Alina IOVAN-DRAGOMIR</u> , Yolanda Blazquez Lopez	<i>Special shoes for special women (flat foot)</i>
26.	<u>Alina IOVAN-DRAGOMIR</u> , Cristina NISTOR	<i>Innovative sports shoes</i>
27.	Arina SEUL, Aura MIHAI	<i>Finite Element analysis in footwear simulations</i>

About Iasi

Situated in the North-East of Romania, between the Moldavian Plateau and Jijia Plain, on the River Bahlui, it used to be the crossing place of the most important commercial roads that passed through Moldavia coming from Poland, Hungary, Russia and Constantinople.

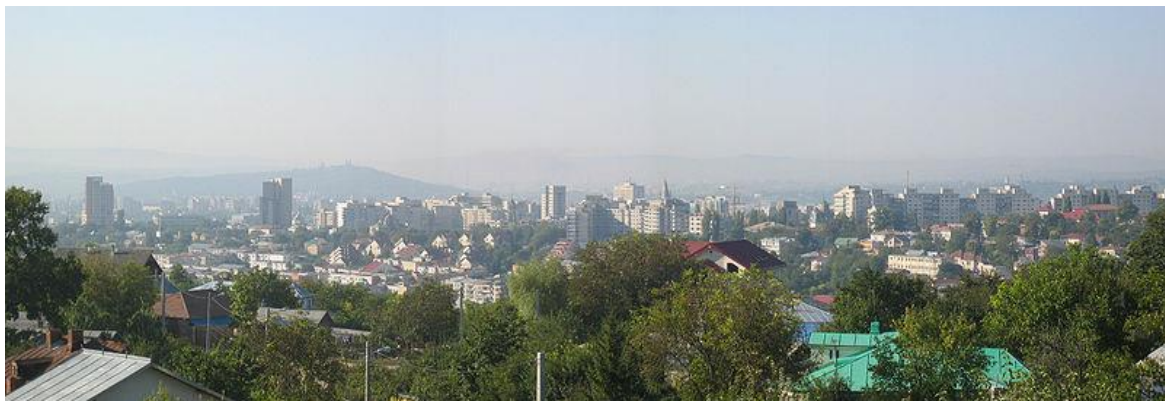


Archaeological investigations attest the presence of human communities on the present territory of the city and around it as far back as the prehistoric age.

Iasi is considered as the most important cultural centre of the country even after Bucharest. It is in Iasi that the first Romanian university was founded in 1860 and at present, accommodates annually over 60,000 students in 5 public and 3 private universities. Iasi is home to more than 50 churches and hosts several cultural centres. The National Theater (the oldest in Romania), Opera House, Iași State Philharmonic, Tătărași Athenaeum, Central University Library (the oldest in Romania), the large number of museums and memorial houses, the famous Botanical Garden (the oldest and largest in Romania), the independent theater and several student organizations show the intense cultural life in the city.

Main sights

Iași is an outstanding educational centre, and preserves some beautiful pieces of architecture, such as the Trei Ierarhi Church and the neo-Gothic Palace of Culture (the site of four museums - of History, of Technology, of Ethnography, and of Art).



Panoramic view over Iași



The Palace of Culture (1906–1925, designed in flamboyant neo-Gothic style)



“Trei Ierarhi” Church (1635–1639)



The Metropolitan Cathedral of Moldavia and Bukovina.

Cultural life

One of the most important cultural centres, Iași has many theatres, museums, and the like.

The "Vasile Alecsandri" National Theater, opened in 1837 is the oldest National Theatre in Romania. The building, designed according to the plans of the Viennese architects Hermann Helmer and Ferdinand Fellner was built between 1894–1896, and also hosts starting 1956 the National Romanian Opera Iași.

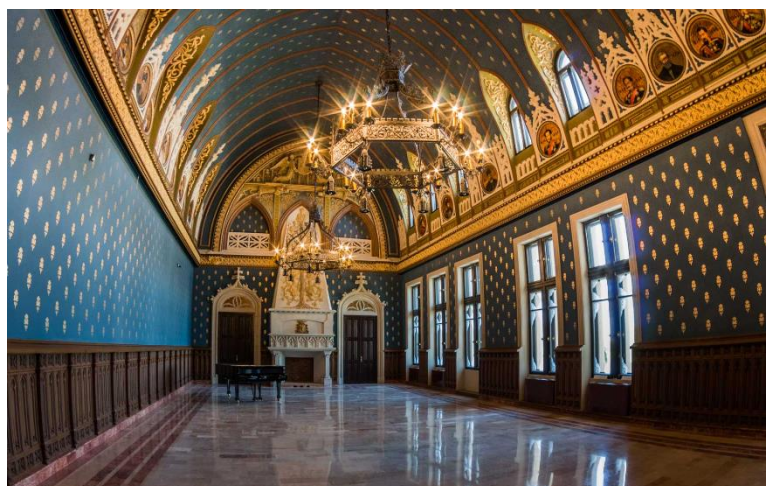


National Theatre “Vasile Alecsandri”

The Palace of Culture is an iconic building and it was partly built on the ruins of the mediaeval Royal Court of Moldavia. The Palace of Culture is inspired by the style of the Palace of Justice in Paris, built in the same date as the Clock Tower of the Palace of Culture from Iasi. In the night of October 11 – 12, the architect and his 2 sons spent their time in the tower trying to adjust the clock. In that night The Hora of Unity (Hora Unirii) was heard throughout the city.

It hosts four museums:

- The Art Museum has the largest art collection in Romania, with more than 8,000 paintings, out of which 1,000 belong to the national and universal patrimony.
- The Moldavian History Museum



offers more than 35,000 objects from various fields: archaeology, numismatics, decorative art, ancient books, documents etc.

- The Ethnographic Museum of Moldavia owns more than 11,000 objects depicting the Romanian advance through the ages.
- The Museum of Science and Technology offers many musical devices.

"Saint Trei Ierarhi" Church. A unique monument of its kind, a repository of the cultural and spiritual life of Moldavia, the Monastery of the Three Holy Hierarchs is located in the old centre of Iasi, on Stefan cel Mare si Sfant Boulevard, formerly known as the Princely Street.

The Church, built during Prince Vasile Lupu's reign (1637 -1639), was intended to be a royal burial ground; it reflects the founder's aspiration to the Byzantine world as it combines traditional structures and shapes with precious materials and a sumptuous decoration. Metropolitan Varlaam consecrated this holy place on the 6th of May 1639, and two years later Saint Paraskeve's relics were moved here. The monastery accommodated a printing house and the "Schola Basiliana", the future Princely Academy. In 1970 the monastery was closed and the only religious services to be officiated were the celebration of the feast day of the Three Hierarchs (30th January) and the Union Day on 24th of January. Following the 1989 events, the monastery was reopened at the initiative of His Beatitude Daniel, Metropolitan of Moldavia and Bukovina.



The monument is renowned for its embroidery in stone (most of it preserved in its original form) that decorate the outer walls. Thirty different carved stone decoration bands cover the entire outside walls of the church from the base to the top of the steeples; they are inspired from the national old wood carvings and embroideries blended with Asian and Western elements. An impressive threefold twisted cord – a symbol of the Holy Trinity – makes the architectural complex of the church absolutely perfect.

Education and science

The first Technical High Education structure in Romanian language was established in the autumn of 1813, when engineer Gheorghe Asachi laid the foundations of a class of engineers, its activities taking place within the Greek Academy of Iași.

Iași is home to the oldest Romanian university (University of Iași), opened by (and nowadays named after) Domnitor Alexandru Ioan Cuza in 1860.

The city is host to five universities, and is widely regarded as the cultural "heart" of the Old Kingdom (that is Moldavia, Wallachia, and Dobruja - the three regions comprising Romania until 1918).

In 1937, the two applied science sections of the university of Iași became departments of the newly created Gheorghe Asachi Polytechnic School; In the period before and after World War II, the later (renamed Polytechnic Institute in 1948) extended its domain of activity, especially in the field of engineering, and became adopted a Technical University in 1993.

Public Universities in Iasi:

- **"Al. I. Cuza" University** is the oldest higher education institution in Romania. Since 1860, the university has been carrying on a tradition of excellence and innovation in the fields of education and research. With over 23.000 students and 750 academic staff, the university enjoys high prestige at national and international level and cooperates with 280 universities world-wide. Alexandru Ioan Cuza University is a member of some of the most important university networks and associations: [the Coimbra Group](#), [EUA – European University Association](#), [Utrecht Network](#), [International Association of Universities](#), [University Agency of Francophony](#) and the Network of Francophone Universities (RUFAC).



- **"Gheorghe Asachi" Technical University of Iasi** is among the oldest and well known institutions from the country, having an important tradition in engineering, scientific and cultural education, with a distinguishable presence on the international level. The university trains engineers with high qualifications, able to respond quickly and efficiently to the requirements of innovation, research and economic development. Moreover, the university carries on programs designed to continuously upgrade the engineers' professional skills imposed by the tendencies appeared at a global level.



- **"Gr. T. Popa" University of Medicine and Pharmacy**

One of the oldest educational places in Romania, it was founded in 1879 as a Faculty of Medicine, later being associated with other two institutions which complete the medical instruction area – the Faculty of Pharmacy and the Faculty of Dentistry.

In 1991, the institute receives the status of University and the name of the famous representative of the School of Functional Anatomy in Iasi, Grigore T. Popa. Later on, the Faculty of Medical Bioengineering was also included, the only one of the kind in the country.



The university is proud today of its valuable professors and the material basis and modern technique, appropriate for the didactic and scientific research activity processes.

- **"G. Enescu" University of Arts** is a public university in [Iasi, Romania](#), founded in 1860. It was named in honour of the composer [George Enescu](#). The institution was established on 1 October 1860, as the *Music and Declamation School*, by decree of Prince [Alexandru Ioan Cuza](#), followed 26 days later, by the foundation of the School for Sculpture and Painting. In October 1864, Cuza approved the Charter for the *Music and Declamation Conservatory* and the Charter for the *National Schools of Fine Arts* (establishing the departments of painting, sculpture, gravure, architecture and the art of landscape architecture). In 1931, the Conservatory and the School of Fine Arts



became the *Academy of Music and Dramatic Art of Iași*, which soon adopted the name George Enescu, and the *Iași Academy of Fine Arts*, respectively.

- **"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine** is a public university in Iași, Romania. It was named in honour of the scientist Ion Ionescu de la Brad. The University of Agricultural Sciences and Veterinary Medicine is a specialized institution of tertiary agronomic and veterinary medicine training, financed by the state and having as fundamental mission the formation of agricultural, horticultural and zootechnical engineers, economic engineers in agriculture and of veterinary surgeons.



Shopping → Palas Mall



Located in the historic core of the city, near the Palace of Culture, the PALAS ensemble is a "city in the heart of the city".

Designed and developed pursuant to the "lifestyle centre" concept, PALAS integrates in this unique complex areas for retail, hotels, A-class offices, apartments, underground parking lot with approximately 2,500 parking spaces and a perimeter set up for entertainment, all these on a built area of over 270,000 square meters. PALAS represents a premiere, both for Romania and for the real estate portfolio of the IULIUS Company, being the largest private investment ever made in north-eastern Romania, its total value being euro 265 million.



<http://www.palasiasi.ro/en/home/>

