



PROGRAMME

18th ROMANIAN TEXTILES AND LEATHER CONFERENCE

17-19 november 2022
Iasi, Romania





ORGANIZERS

	<p>„Gheorghe Asachi Technical University of Iasi</p>
	<p>Faculty of Industrial Design and Business Management</p>

CO-ORGANIZERS

	<p>Coordination Council of Doctoral Program from Faculty of Industrial Design and Business Management</p>
	<p>Asociația Absolvenților Facultății De Textile-Pielărie din Iași</p>
	<p>The General Association of Engineers in Romania</p>

PARTNERS

	Cost Action CONTEXT
	Association of Universities for Textiles

CONFERENCE PROGRAMME

THURSDAY, 17.11.2022		
Hour	Activity	
16.00-18.00	Workshop European Network CONTEXT	
18.00-20.00	Registration and Welcome Reception (Tex 1 Building, Council Room)	
FRIDAY, 18.11.2022		
08.30-09.00	Registration - Rectorate building, ground floor	
OPENING CEREMONY		
09.00-09.40	Opening and welcome speech from the organisers	
	• Assoc. Prof. Mariana URSACHE – president of the Conference (Romania)	
	• Prof. habil. Maria- Carmen LOGHIN – Vice-Rector of TUIASI (Romania)	
	Opening remarks from attending participants	
PLENARY SESSION - CORTEP		
“Gheorghe Asachi” Technical University of Iași, Rectorate building, 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	Prof. dr. Savvas VASSILIADIS President of AUTEX, University of West Attica, Greece	TEXTILE MATERIALS FOR ENERGY HARVESTING
10.10-10.40	Prof. dr. Raul FANGUEIRO University of Minho, Portugal	MULTISCALE AND MULTIFUNCTIONAL FIBER-BASED MATERIALS FOR HIGH-PERFORMANCE APPLICATIONS
10.40-11.10	Dr. Ariadna DETRELL Association of Textile Industry Technicians, Action Chair of CONTEXT – European Network, Spain	INNOVATION ON SMART TEXTILES THROUGH CLUSTERS

11.10-11.30	Cofee Break	
11.30-12.00	Prof. dr. Nachiappan CHOCKALINGAM Staffordshire University, UK	INFLUENCE OF CLINICAL BIOMECHANICS IN ADVANCING FOOTWEAR MATERIALS AND MANUFACTURE
12.00-12.15	Késia Souto SILVA*, Eriadna MARTINS, Eduardo CÂNDIDO, André MARTINS, Ivan MEDEIROS Federal University of Rio Grande do Norte - UFRN - Brazil	DEGRADATION OF FULL BODY SEAT BELTS UNDER DIFFERENT USAGE CONDITIONS
12.15-12.30	Elena CODĂU*, Teodor-Cezar CODĂU, Mariana ICHIM, Iuliana-Gabriela LUPU "Gheorghe Asachi" Technical University of Iasi, Romania	OPTICAL PROPERTIES OF TEXTILE MATERIALS FOR PERSONAL PROTECTIVE CLOTHING
12.30-12.45	Alexandra BODOGA*, Alina IOVAN-DRAGOMIR "Gheorghe Asachi" Technical University of Iasi, Romania	SOFTWARE APPLICATION FOR FOOTWEAR CARBON FOOTPRINT CALCULATION
12.45-13.00	Adriana BUJOR*, Ștefana-Lorena AUNGURENCEI, Silvia AVASILCĂI, Elena AVRAM "Gheorghe Asachi" Technical University of Iasi, Romania	IMPACT OF INDUSTRY 4.0 ON THE WORKFORCE. TEXTILE INDUSTRY CASE STUDY
13.00-14.30	Lunch break - Faculty of Industrial Design and Business Management, Groud floor	
PARALLEL SESSIONS 1		
	Building Tex 1, Council Room, Ground Floor	Building Tex 1, SMARTER Room, Ground Floor
	SESSION 1A	SESSION 1B
	Session Chairpersons: Manuela AVADANEI	Session Chairpersons: Mirela BLAGA
14.30-14.45	Rodica HARPA*, Cristina PIROI, Irina CRISTIAN, Romania RIPPED JEANS: THE DISCREPANCY BETWEEN QUALITY ASSURANCE STRATEGIES IN THE SUSTAINABLE PRODUCTION OF DENIM AND THE MARKET STRATEGIES OF FASHION MANUFACTURERS	Prof. dr. Lubos HES - Technical University of Liberec, Czech Republic ADVANCED METHODS OF MEASUREMENT OF THERMOPHYSIOLOGICAL COMFORT OF FABRICS BY SKIN MODELS AND DRY THERMAL MANIKINS
14.45-15.00	Cristina RACU* , Romania AUTOCAD BASED GRAPHICAL METHOD FOR DETERMINING THE LIMITS AND SPECIFIC AREAS OF STRESS-STRAIN CURVES THAT DESCRIBE THE MECHANICAL PERFORMANCE OF YARNS	
15.00-15.15	Lavinia Maria POPA*, Antonela CURTEZA, Romania APPROACHES TO RECYCLING IN THE FASHION INDUSTRY	Manuela AVADANEI*, Malina ROSCA, Diana VATRĂ, Emil LOGHIN, Romania DIGITALISATION IN THE SUPPLY CHAIN OF THE FASHION INDUSTRY- STUDY CASE
	Zührenur GÖKTAŞ*, Gözde ERTEKİN, Turkey	Laura Lu CUTURICU*, Cezar Doru RADU, Romania

15.15-15.30	A REVIEW ON KNITTED FABRICS PRODUCED FROM SUSTAINABLE HEMP FIBER BLENDS (ONLINE)	A HYDROGEL FROM A TEXTILE SUPPORT USED IN THERAPY OF WOUNDS
15.30-15.45	Andreea TALPĂ* , Irina IONESCU, Alice MĂTĂȘEL, Carmen LOGHIN, Romania	Arina SEUL* , Mariana COSTEA, Aura MIHAI, Antuza STAN, Romania
	ELECTRONICS IN SMART TEXTILES – AN OVERVIEW OF INTEGRATION TECHNIQUES	THE DEVELOPMENT OF AN ANDROID APPLICATION FOR THE INTEGRATION OF A DATABASE WITH SHOE LASTS AND FOOTWEAR MODELS
15.45-16.00	Andreea NISTORAC* , Maria Carmen LOGHIN, Romania	Malgorzata MATUSIAK* , Dominika KAMINSKA, Poland
	THE FUTURE OF TEXTILE WASTE MATERIALS IN CONSTRUCTION (ONLINE)	LIQUID MOISTURE TRANSPORT IN WOVEN FABRICS OF DIFFERENT WEAVES AND WEFT DENSITY (ONLINE)
16.00-16.30	Cofee Break / Poster session (Building Tex 1, Room 10, Ground Floor)	
PARALLEL SESSIONS 2		
	Building Tex 1, Council Room, Ground Floor	Building Tex 1, SMARTER Room, Ground Floor
	SESSION 2A	SESSION 2B
	Session Chairpersons: Antonela Curteza	Session Chairpersons: Marius PÎSLARU
16.30-16.45	Pablo DÍAZ-GARCÍA* , David MÍNGUEZ-GARCÍA, Lucía CAPABLANCA, Pablo DÍAZ-GARCÍA,Jaime GISBERT-PAYÁ, Spain	Elena AVRAM* , Silvia AVASILCAI, Adriana BUJOR, Romania
	INFLUENCE OF TEMPERATURE ON THE PREPARATION OF ORANGE OIL EMULSION ELECTROSPINNING MICROCAPSULES (ONLINE)	DIGITAL VERSUS DIGITALIZED BUSINESS ECOSYSTEMS MODELS
16.45-17.00	Mariana ICHIM* , Elena CODĂU, Costică SAVA, Ileana COMANDAR, Romania	Mihaela Brindusa Tudose* , Amalia GEORGESCU, Silvia AVASILCĂI, Romania
	A STUDY ON THE INFLUENCE OF SLIVER PREPARATION SYSTEM ON THE QUALITY OF COTTONISED HEMP/COTTON BLENDED ROTOR SPUN YARNS	BUSINESS MODELS FOR THE TEXTILE INDUSTRY. CASE STUDY: THE COLLABORATIVE MODEL AT THE LEVEL OF THE EUROPEAN UNION
17.00-17.15	Olena KYZYMCHUK* , Liudmyla MELNYK, Ukraine	Viorica COMȘA* , Ion VERZEA, Romania
	EFFECTS OF LAUNDERING ON THE STRUCTURE AND PROPERTIES OF ELASTIC WARP KNITTED FABRICS	MANAGEMENT CHALLENGES FOR THE ROMANIAN HEIS IN TRANSITIONING TOWARDS A MODEL OF VIRTUAL UNIVERSITY
17.15-17.30	Gonca ALAN* , Sotiria GALATA, Savvas VASSILIADIS, Turkey, Greece	Mădălina-Laura VELEȘCU* , Constantin VARTOLOMEI, Ion VERZEA, Romania
	VISCOELASTIC BEHAVIOR OF THE WARP KNITTED SPACER FABRICS (ONLINE)	APPROACHING A CONTRACT FROM A MANAGEMENT POINT OF VIEW
17.30-17.45	Hüseyin TOPÇU* , Esra ERKASAP, Güngör DURUR, Turkey	Lidia Alexa* , Karina PÎRVU, Romania
	PREDICTING THE DEGREE OF PILLING IN FLEECE FABRICS BY BP-ANN AND ENHANCING THE PILLING RESISTANCE OF RAISED FLEECE FABRICS BY FINISHING TREATMENTS (ONLINE)	GREEN - FROM YARN TO CUSTOMER PERCEPTION
17.45-18.00	Adrian SALISTEAN * , Toma DOINA , Jomir MIHAELA. Badea IONELA. Romania	Luminita Cristina SIMION* , Silvia AVASILCAI, Romania

	SMALL-SCALE PPG-UAV FOR EMERGENCY RESPONSE ACTIONS DEVELOPMENT PHASE (ONLINE)	SHAPING PROFESSIONAL HUMAN RESOURCES IN THE TEXTILE AND CLOTHING TRADE IN THE CONTEXT OF THE 4TH INDUSTRIAL REVOLUTION
19.00	Official Dinner - Bellaria Restaurant Iasi	
SATURDAY, 19.11.2022		
PARALLEL SESSIONS 3		
	Building Tex 1, Council Room, Ground Floor	Building Tex 1, SMARTER Room, Ground Floor
	SESSION 3A	SESSION 3B
	Session Chairpersons: Luminita CIOBANU	Session Chairpersons: Rodica HARPA
09.00-09.15	Stelian MAIER* , Vasilica MAIER, Romania	Pavla TĚŠINOVÁ*, Czech Republic
	FORMULATION STUDY ON THE PREPARATION OF FOAMS FOR FOAM DYEING OF DENIM FABRICS BY USING REACTIVE DYES	ANIMALS INSPIRE TEXTILES WITH HIGH ADDED VALUE – REVIEW FOR TEXTILE EDUCATION PROMOTION IN THE STUDY COURSE
09.15-09.30	Vasilica POPESCU*, Daniela ROTARIU, Niki Vlad MANCAȘI, Andrei POPESCU, Romania	Mirela BLAGA*, Manuela AVADANEI, Antonela CURTEZA, Andrei BERTEA, Anne-Marie GRUNDMEIER, Jochen STRÄHLE, Marlen WAGNER, Zlatina KAZLACHEVA, Romania
	ESTABLISHING THE OPTIMAL METHOD OF SCOURING - BLEACHING FLAX FIBRES USING A MATHEMATICAL METHOD BASED ON EQUALLY IMPORTANT CRITERIA	EDUCATION ON SUSTAINABLE TEXTILE TECHNOLOGIES AND FASHION IN THE EUROPEAN MARKET
09.30-09.45	Késia Souto SILVA*, Suzanna Rani Cristina Alves de SOUSA, Amanda Melissa Damião LEITE, Brazil	Manuela AVADANEI*, Irina IONESCU, Antonela CURTEZA, Mirela BLAGA, Anna STAMOULI, Romania
	SYNTHESIS OF HYBRID MEMBRANE OF POLYSULFONE WITH ZINC OXIDE FOR POTENTIAL APPLICATION IN CLEANING TEXTILE EFFLUENTS	THE ANALYSIS OF THE CURRENT NEEDS OF ROMANIAN TEXTILE PROFESSIONALS WITH THE PURPOSE OF RAISING AWARENESS ON THE REUSE AND RECYCLING OF CLOTHING AND TEXTILES
09.45-10.00	Ingrid - Ioana BUCISCANU*, Melinda PRUNEANU, Romania	Adrian Vilcu*, Irina DAVID, Ionuț Viorel HERGHILIGIU, Marius PÎSLARU, Romania
	TOOLS AND COURSES OF ACTION FOR ENVIRONMENTAL SUSTAINABILITY IN THE TANNING INDUSTRY	STATISTICAL METHODOLOGY FOR THE DECISION-MAKING PROCESS IN A COMPANY
10.00-10.15	Melinda PRUNEANU *, Ingrid Ioana BUCIȘCANU, Marilena Corina BÎNDEANU, Romania	Raluca LAZARESCU*, Adrian VÎLCU, Cătălin VÎLCU, Beatrice Loredana CIUCĂ, Romania
	UV-ABSORBING NATURAL PRODUCTS AND THEIR POTENTIAL APPLICATIONS IN SUN-PROTECTIVE TEXTILES	STATISTICAL TECHNIQUES FOR CONFLICTS ASSESSMENT IN THE ORGANIZATIONAL GROUP
10.15-10.30	Codrin LACATUSU*, Cezar Doru RADU, Romania	Luminita CIOBANU*, Mariana URSACHE, Savin Dorin IONESI, Romania
	ACHIEVEMENTS AND LIMITS ON THE CHEMICAL CHARACTERISATION OF MEDIEVAL SILVER COINS IN MOLDOVA TERRITORY (ONLINE)	NEED ANALYSIS OF THE CURRENT SITUATION OF HIGHER EDUCATION FOR THE SMART TEXTILES SECTOR

10.30-10.45	Vildan SÜLAR* , Büşra KEÇECİ, Turkey	Irina IONESCU* , Manuela Lăcrămioara AVĂDANEI, Andreea TALPĂ, Ion Răzvan RĂDULESCU, Romania	
	UV AND SONIC DEGRADATION OF NONWOVEN FABRICS USED AS WET WIPES (ONLINE)	ANALYSIS OF FASHION DIGITALIZATION IN ROMANIAN CLOTHING COMPANIES	
10.45-11.15	Cofee Break		
PARALLEL SESSIONS 4			
	Building Tex 1, Council Room, Ground Floor	Building Tex 1, SMARTER Room, Ground Floor	Building Tex 2, Room 203, 2nd floor
	SESSION 4A	SESSION 4B	SESSION 4C
	Session Chairpersons: Irina IONESCU	Session Chairpersons: Cristina PIROI	Session Chairpersons: Aura MIHAI
11.15-11.30	Danila VICTORIA* , Antonela CURTEZA, Stela BALAN, Republic of Moldova	Adrian VILCU* , Ionuț Viorel HERGHILIGIU, Raluca LĂZĂRESCU, Mona-Elena DUMITRU, Romania	11.00-18.00 ROUD TABLE – Intalnirea membrilor Asociatiei Producatorilor de Incaltaminte si Marochinarie din Romania – Sfera Factor
	MODULAR CLOTHING DESIGN FOR PREMATURE BABIES	STATISTICALLY BASED DECISIONS FOR A HUMAN RESOURCES PROBLEM	
11.30-11.45	Irina ARNĂUTU* , Romania	Lidia ALEXA* , Adriana BUJOR , Marius PÎSLARU , Romania	
	DIGITAL WEAVING DESIGN WITH EXTRA THREADS BASED ON ARAHWEAVE SOFTWARE	THE CONSTANT DEVELOPMENT OF ENTREPRENEURIAL EDUCATION IN ROMANIAN TECHNICAL UNIVERSITIES. “GHEORGHE ASACHI” TECHNICAL UNIVERSITY CASE STUDY (ONLINE)	
11.45-12.00	Özgür CEYLAN* , Emel AYDIN, Irmak TAŞ, Ebru Tuğalan, Tuğçe Kaynak, Neval Ergün, Turkey	Angel K. TERZIEV* , Carla HERTLEER, Benny MALENGIER, Aleksandar DIMOV, Sanja ERCEGOVIC RAZIC, Hassan SAEED, Bulgaria, Belgium	
	INSPIRATION FOR A SUMMER COLLECTION: MEDITERRANEAN LIFESTYLE (ONLINE)	IMPROVING YOUR DIGITAL SKILLS IN THE TEXTILE AND CLOTHING INDUSTRY	
12.00-12.15	Suzan OZDEMIR* , Janset OZTEMUR, Hande SEZGIN, Ipek YALCIN-ENIS, Turkey	Amine HAJ TAIEB* , Tunisia	
	THE INVESTIGATION OF THE EFFECT OF POLYMER BLENDING AND RADIAL FIBER ORIENTATION ON THE TENSILE PROPERTIES OF ELECTROSPUN TUBULAR VASCULAR PROSTHESES (ONLINE)	WINTEX PROJECT A NEW OPPORTUNITY FOR TEXTILE SECTOR EDUCATION IN TUNISIA (ONLINE)	
12.15-12.30	Yordanka ANGELOVA* , Bulgaria	Amine HAJ TAIEB* , Tunisia	
	TEXTILE INDUSTRY IN BULGARIA AND THE COVID-19 EPIDEMIC: CHALLENGES AND TRENDS (ONLINE)	FASHION FOR TOMORROW PROJECT A NEW TREND OF INTERCULTURAL LEARNING (ONLINE)	

12.30-12.45	Yasemin DÜLEK* , Fatih SUVARI, Turkey	Stefana-Catalina POHONTU-DRAGOMIR* , Ionut Viorel HERGHILIGIU, Romania
	IMAGE ANALYSIS BASED TEST METHOD OF POLLEN AMOUNT ON FABRIC SURFACE USING COLOUR THRESHOLDING (ONLINE)	INFORMATION SYSTEMS - ENHANCE INNOVATION: REFLECTIONS ON DELONE AND MCLEAN MODEL (ONLINE)
12.45-13.00	Viorica CAZAC* , Elena URSU, Jana CÎRJA, Republic of Moldova	Carmen TITA* , Romania
	RESEARCH ON THE INTERDEPENDENCE OF STRUCTURE AND COMFORT CHARACTERISTICS OF TEXTILES FOR TRADITIONAL SHIRTS (ONLINE)	COMPARATIVE ANALYSIS OF STUDENTS' PERCEPTIONS OF ONLINE EDUCATION BEFORE AND AFTER THE PANDEMIC COVID 19
13.00-14.00	Closing ceremony - Building Tex 1, SMARTER Room, Ground Floor	

POSTER SESSION (ELECTRONIC PRESENTATION)

Building Tex 1, Room 10, Ground Floor

FRIDAY, 18.11.2022, 16.00-16.30

1	Constantin Eugen AILENEI * , Maria Carmen LOGHIN, Savin Dorin IONESI, Romania	EXPERIMENTAL RESEARCH REGARDING THE RECYCLING OF COMPOSITE MATERIALS MADE FROM TEXTILE WASTE
2	Manuela AVADANEI* , Diana VATRA, Mălina ROȘCA, Ionut DULGHERIU, Romania	DIGITAL TOOLS FOR THE DEVELOPMENT OF CLOTHING PRODUCT COLLECTIONS
3	Manuela AVADANEI* , Yordan KYOSEV, Hassan SAEED, Adnan Ahmed MAZARI, Małgorzata MATUSIAK, Romania	DIGITAL HEI'S TRANSFORMATION THROUGH THE DEVELOPMENT OF DIGITAL READINESS, RESILIENCE AND CAPACITY
4	Victoria BOCANCEA* , Maria Carmen LOGHIN, Bogdan SÂRGHIE, Romania	DIGITIZATION OF PROTECTIVE MATERIALS
5	Adrian BUHU* , Liliana BUHU, Romania	STUDY ON THE BREAKAGE BEHAVIOR OF UPHOLSTERY FABRICS
6	Svetlana CANGAS* , Republic of Moldova	GRAPHICS, SYMBOL AND TECHNOLOGIES OF MAKING TRADITIONAL MOLDOVAN CARPETS
7	Viorica CAZAC* , Republic of Moldova	THE TRADITIONAL ROMANIAN COSTUME BETWEEN AESTHETICS, COMMUNICATION AND SUSTAINABILITY
8	Laura-Crina COCA* , Marius Pislaru	INOVATION AND PRODUCTIVITY GROWTH IN MANUFACTURING INDUSTRY-PHARMACEUTICAL COMPANY STUDY CASE
9	Danila VICTORIA* , Antonela CURTEZA, Stela BALAN, Romania	CARE OF PREMATURE NEWBORNS IN NEONATAL THERAPY BY THE SKIN-TO-SKIN METHOD - A NEW DESIGN SOLUTION THAT OFFERS SAFETY AND EFFICACY
10	Andrea FAVAZZI* , Italy	THE VOLUNTARY LABELING METHODOLOGY FOR MACHINERY TO SUPPORT THE CO2 CERTIFICATION IMPACT IN A MANUFACTURING PRODUCTION PROCESS
11	Liliana HRISTIAN* , Iulian VLASCEANU, Mihaela Claudia MUREA, Maria Magdalena OSTAFE, Romania	IMPROVING THE QUALITY OF KNITTED PANELS OBTAINED ON THE STOLL KNITTING MACHINE

12	Dorin IONESI* , Luminita CIOBANU , Ionut DULGHERIU , Mariana URSACHE , Ivan MEDEIROS , Romania	DESIGN OF TEXTILE REINFORCED COMPOSITES BASED ON IMPACT BEHAVIOUR
13	Elena-Alice MATASEL* , Manuela AVĂDANEI , Andreea TALPĂ , Carmen LOGHIN , Romania	VIRTUAL FITTING ROOM AND ITS POTENTIAL IN E-COMMERCE
14	Claudia Valeria POP* , Ana FILIP-BUCALAE , Didina CIMPEAN , Daniela Malina MANIU , Romania	STUDY ON THE INFLUENCE OF TENSIONAL PROPERTIES ON THE QUALITY OF KNITTED MATERIALS
15	Hüseyin TOPÇU* , Burçin ÖZTÜRK , Güngör DURUR , Turkey	ROTARY PRINTING: PASTE REDUCTION AND PASTE CALCULATION USING STATISTICAL ANALYSIS
16	Mihaela Brîndușa TUDOSE* , Florin BURA , Romania	THE INFLUENCE OF PRICE VARIATION ON THE PROFITABILITY OF SERVICE PROVIDERS
17	Bogdan SARGHIE* , Aura MIHAI , Ionut HERGHILIGIU , Romania	REVIEW ON CONTINUING VOCATIONAL EDUCATION AND TRAINING IN ROMANIA FOR INDUSTRIAL SHOE PRODUCTION
18	Arina SEUL* , Aura MIHAI , Rita SOUTO BIZARRO , Mariana COSTEA , Romania	ONLINE METHODOLOGIES AND ASSESSMENT FOR DIGITALFABLAB COURSE - PART 1
18	Arina SEUL* , Aura MIHAI , Rita SOUTO BIZARRO , Mariana COSTEA , Romania	ONLINE METHODOLOGIES AND ASSESSMENT FOR DIGITALFABLAB COURSE - PART 2
19	Claudia Iuliana UDRESCU* , Carmen Maria LOGHIN , Roberto PISANO , Romania, Italy	ON THE USE OF A BIOCOMPATIBLE HAND BUILDER FOR TUNING THE SURFACE AND MECHANICAL PROPERTIES OF A NATURAL FIBER FABRIC

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).



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

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.



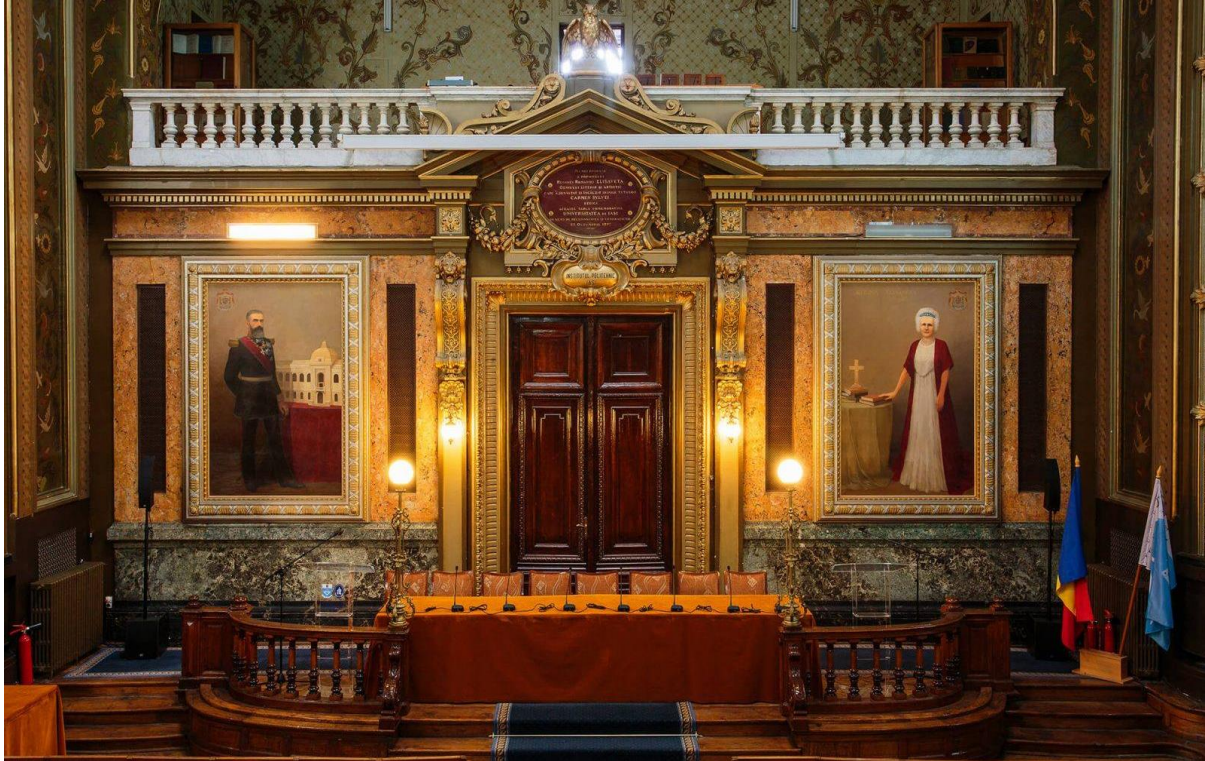
"Trei Ierarhi" Church (1635–1639)

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:

- **"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.



- "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).



- **"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 Iași, 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 Iași, 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.



- **Iași University of Life Sciences (IULS)** is a specialized institution of superior agronomic and veterinary medicine training, financed by the state and having as fundamental mission the

training of agricultural, horticultural and animal sciences engineers, agricultural economists, engineers in food industry, biologists, as well as veterinary surgeons. The university is a serious academic partner, recognized by many European universities and institutions in the field of activity. They have 159 people as part of teaching staff and research teams, who are teaching over 4200 students. The academic offer provides courses from domains of study of national and international applicability, high-quality training, scientific research performance, access to modern facilities and equipment and also opportunities to participate in study and practice European mobility programmes, which serve to build successful careers for all students.



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.



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