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NEWSLETTER

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GRADUATES IN FRONT OF THE COMPANIES (AFCO 2023) - AN EDITION OF PROFESSIONALISM AND MATURITY

The 11th edition of the event [Graduates in front of the Companies – AFCO](#) took place at “Sergiu T. Chiriacescu” Conference Centre of Transilvania University of Braşov on 9 May. The AFCO event has become one of notoriety and tradition at Transilvania University, in the context of the activities conducted in collaboration with the economic environment.



The event is unique in Romania, practically offering students in senior years (and not only), regardless of the study cycle, the opportunity to briefly present, in poster format, in front of company representatives, their diploma projects or other research projects in which they participated or participate.

The 2023 edition took place under the signs of professionalism and maturity, since the presented projects contained elements specific to various fields, in a manner that attests to the students' academic training, which led to the increased competitiveness of the event and to a major interest from the partners in the economic environment.

Over 300 participating students (from all study cycles – bachelor's degree, master's degree, and doctorate) presented to the representatives of the companies (34 partner institutions) and to the jury, either their individual diploma projects or other projects (including team projects) within the 11 sections of the event.

The AFCO 2023 jury structure was an international one, bringing together professors from Transilvania University of Braşov, but also guest specialists from abroad (Germany and Italy). Both the jury members and the representatives of the companies had the

opportunity to view and evaluate the students' works, but also to dialogue with the participating students. The members of the international jury established the winners of the 11 sections and the winners of the AFCO 2023 special awards. Thus, at the end, in the festive setting of the AFCO 2023 Awards Gala, 35 prizes were given within the sections, as well as three special prizes – a one-week study mobility for 3 students at Zwick/Roell Company in Ulm – Germany, one of the world's most renowned companies producing equipment for testing and characterizing the mechanical properties of materials.



For the third time in a row, the main partner of Transilvania University was OTP Bank. Along with this banking institution, Zwick/Roell, Sartorom, BCR, Caditec - Automation, ArrK, Miele Tehnica, Exelia, Xperi, Mondly, Hutchinson, Siemens, Joysonquin, PsiControl, Liamed, NBHX Rolem, Vitesco, Dexion, Atos, BRD, Tata Technologies, Draxlmaier, Veo, Canam, Rubico, Nobel Automotive, Bepco, Preh, Premium Aerotec, Segula Technologies, Autoliv, Obvious, Auchan, Engie joined as partners, too.

The event ended on the stage of “Sergiu T. Chiriacescu” Conference Centre, with a super-concert of *Diracția 5* band. Congratulations and good luck in the future to all participants; thanks to the partners, to the jury members and to the members of the organizing committee.

Prof. dr. Eng. Daniel MUNTEANU,
Vice-rector for the Students and Liaison with the
Economic and Socio-cultural Environment

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OFFICIAL VISIT TO BRAZIL – OPPORTUNITY FOR COOPERATION IN THE FIELDS OF CULTURE, EDUCATION AND RESEARCH

Between 23.05 and 04.06.2023, at the invitation of the diplomatic corps of the Embassy of Romania in the Federal Republic of Brazil, a delegation of Transilvania University of Braşov, consisting of academic teaching personnel and students, made a trip aimed at developing bilateral relations in the field of education, research, but also on the cultural level.

The artistic side was provided by *Academic Music Factory*, the ensemble of the Faculty of Music, and six dancing students who are part of the dance ensemble of the Student Culture Centre.

Several cities were visited and concerts were held.

In Rio de Janeiro, a working visit took place to the private university *Universidade Santa Ursula*, a comprehensive education institution, where discussions were held on future possibilities of cooperation between the two universities, in both the teaching or artistic field, and that of scientific research; and an international cooperation agreement was signed.

A visit was paid to the town of Chapecó in the county of Santa Catarina, where a show with traditional Romanian music was performed by *The Ensemble Virtuosos* of Transilvania University of Braşov, for the Romanian community there. The audience included many members of the Romanian community, with whom discussions were held about future possibilities of collaboration, cultural and academic exchanges with

the Romanian community of this region and with representatives of the local authorities.

Another important goal was the participation in the events occasioned by the Day of Romanians Everywhere celebrated in the state capital, Brasilia, an important moment for the presentation of the university within the local communities and before the officials of this country.



On this occasion, a reception organized by the Embassy of Romania took place, attended by many ministers and ambassadors of diplomatic missions. During the reception as well, we held a concert of traditional Romanian music and dances that enjoyed the appreciation of the audience.

Alexandra-Ioana RUCSANDA
5th-year student, Faculty of Medicine

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2023 BRAȘOV EXPRESS INTERNATIONAL

At its second edition, the *Brașov Express* event was organized by the Faculty of Food and Tourism, in partnership with the International Organization for Migration, an important pillar in supporting the efforts to integrate international students into the community of Brașov.



The organizing team was joined by students from the Faculty of Physical Education and Mountain Sports, the Faculty of Sociology and Communication, the Basarabian Youth Association of Brașov and "Micu Bogdan" Foundation, who contributed to the achievement of this unique project that revived the multicultural spirit of Brașov.

In this edition, 20 teams of students from Canada, Cuba, Ecuador, France, Kenya, Moldova, Mexico, Peru and Romania competed.

The organizing students planned a route that started on the sports field of "Johannes Honterus" National College, and targeted some emblematic places of Brașov, such as the Mușicoi Cross, the Fortress of Brașov or the Council Square.



Throughout 21 May, the participating students were subjected to ingenious tests that led them to the endpoint, *University Colina* Campus, to the Sports Hall; and all teams were awarded accordingly.

The tests challenged the participants' skills, highlighted by painting the *Brașov Express International* logo, a test held at Catherine's Gate, or by building a puzzle with images of Brașov, a task accomplished on the pedestrian alley in Răcădău neighbourhood. The sports skills were noticed during the games organized in Tiberiu Brădiceanu park at the foot of Tâmpa Mountain and during the archery session in the Fortress of Brașov.



Focus and attention were stimulated by finding a painting within the exhibition of the Brașov Art Museum, following the instructions received by phone from a teammate. A challenge full of good mood was dancing with a local in the Council Square.

All students, either organizers or participants in the competition, created a new Brașov, of experiences and emotions, of play and fun, of interaction and friendships. This is how the students of Transilvania University of Brașov build a smart, creative and, above all, international academic city.

Student Bianca-Maria STAN,
Student Alexandru-Mihai STOICESCU
Lect. dr. Simona ȘOICA
Faculty of Food and Tourism

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OUTSTANDING ACHIEVEMENT AT THE NATIONAL COMPETITION OF MUSIC PERFORMANCE

In late May, Paul Ionescu, a third-year piano student at the Faculty of Music within our university, class of Prof. dr. Corina Ibănescu, achieved another resounding performance, by obtaining the “Eduard Caudella” Trophy and the First Prize at the 7th Edition of “Eduard Caudella” National Competition of Music Performance.



A reference name on the stage of similar events in our country, the competition of music performance for piano, wind instruments, percussion and chamber music took place between 18 and 20 May, at “George Enescu” National University of Arts, Iași, in the famous “Caudella” Hall of “Alecu Balș” House (the place where the first theatre play in the Romanian language was acted in 1817, and where the great pianist and composer Franz Liszt performed in 1847).

These awards recently won by Paul add to the 25 awards he won over the years and are all the more valuable as 104 students from the most powerful art universities of Romania participated in the competition: the National University of Music, Bucharest; “Gheorghe Dima” Music Academy, Cluj-

Napoca; “George Enescu” National University of Arts, Iași.



The Gala of “Eduard Caudella” Competition, held in front of the jury and of the audience filling the concert hall, was spectacular and full of emotion, with the best participants entering the competition for “Eduard Caudella” Trophy.

At the end, Paul Ionescu, regarded as one of the most valuable young pianists at national level, offered the audience an exceptional performance of *Chaconna* in D minor by Bach-Busoni. His artistic force and pianistic mastery impressed the jury, which awarded him the trophy of the competition.

Bravo, Paul! Vivat Musica!

Prof. dr. Corina IBĂNESCU
Faculty of Music

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UNITBV SCALES GREATER HEIGHTS IN THE CWUR 2023 RANKING

On 15 May 2023, the results of *The Center for World University Rankings* (CWUR) were published. The top includes the best 2,000 universities out of the 20,531 higher education institutions worldwide; and this year, Transilvania University of Braşov ranks 1,458, that is, 72 positions higher than last year.



The Center for World University Rankings is a leading organization, located in the United Arab Emirates, which provides consultancy in matters of public policy, strategic insights and advisory services to governments and universities, with a view to improving educational and research outcomes. CWUR publishes a global university ranking, known for objectivity, transparency and consistency.

Thus, according to the 2023 results, it is the third consecutive year in which Transilvania University of Braşov marks the highest leap of a Romanian university in the CWUR ranking. If three years ago there were 11 Romanian universities in the CWUR ranking, this year only nine are included.

The CWUR ranking is led by three universities in the United States of America: Harvard, MIT and Stanford, followed by two other universities in the United Kingdom: Cambridge and Oxford.

World Rank	Institution	Location	National Rank
923 Top 4.5%	Babeş-Bolyai University	Romania	1
941 Top 4.6%	Polytechnic University of Bucharest	Romania	2
1085 Top 5.3%	University of Bucharest	Romania	3
1118 Top 5.5%	Carol Davila University of Medicine and Pharmacy	Romania	4
1282 Top 6.3%	West University of Timișoara	Romania	5
1458 Top 7.2%	Transilvania University of Braşov	Romania	6
1484 Top 7.3%	Alexandru Ioan Cuza University of Iași	Romania	7
1555 Top 7.6%	Iuliu Hațieganu University of Medicine and Pharmacy	Romania	8
1926 Top 9.4%	Victor Babeş University of Medicine and Pharmacy, Timișoara	Romania	9

The results of this ranking come from assessing the four dimensions underlying its methodology (quality of education, employability of graduates, quality of academic personnel and performance of research), without resorting to opinion polls and information reported by the universities. The ranking places equal emphasis on education and research, and the over 20,000 universities are analysed and ranked according to their performance.

Synthesis made by Victor BRICIU,
Office of Marketing and Image

Source: www.unitbv.ro/stiri-si-evenimente

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INVOLVEMENT OF THE CENTRE FOR VALORIZATION AND TRANSFER OF SKILLS (CVTC) IN IMPLEMENTING STEAM EDUCATION

The STEAM concept is an educational approach to learning, which uses Science, Technology, Engineering, Art and Mathematics to guide the pupils' analysis, dialogue and critical thinking. The results are related to developing pupils/students ability to take risks in research, to engage in experiential learning, to be tenacious in solving problems, to embrace collaboration and to work in a creative manner.



Apart from the fact that STEAM education awakens the pupils' interest by intertwining science with art, by developing creativity and imagination, by developing communication skills, it also forms "21st century innovators, educators, leaders and learners."

In this regard, CVTC of Transilvania University of Braşov, under the coordination of Prof. em. dr. Eng. Cornel Samoilă and of Prof. habil. dr. Phys. Doru Ursuţiu, created and maintained a fruitful collaboration with several high schools of Braşov, including "Dr. Ioan Meşotă" National College.

The main concern was to introduce and promote LabVIEW into schools, and especially to train groups of pupils in using this software, both in the CVTC laboratory within Transilvania University of Braşov and in the physics laboratory of the college.



Together with other pupils, the ones of "Dr. Ioan Meşotă" National College participated in demonstrations and workshops on the use of LabVIEW in different fields, meetings attended by specialists from research and production units of Braşov (Miele, Benchmark, Autoliv, and more).

Recently, the pupils of the abovementioned college participated in the symposium "Physics - past and future" organized at "Radu Negru" National College of Făgăraş, with the paper "LabVIEW in STEAM Education", alongside the pupils trained under the guidance of Prof. habil. dr. Phys. Doru Ursuţiu in the CVTC Creativity Laboratory of UNITBV.

All these activities conducted within this collaboration aimed at attracting the pupils towards electronics, advanced technology, research, at persuading them to study in our country, at Transilvania University of Braşov, and at practicing their job in Romania.

Teacher Octavian Florin POLEXA
"Dr. Ioan Meşotă" National College, Braşov
Prof. em. dr. Eng. Cornel SAMOILĂ
Transilvania University of Braşov

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MIHAI FLORIAN MIU UNITBV STUDENT, WINNER AT "HENRI COANDĂ" AWARDS, MARKS TOP SUCCESS AT INTERNATIONAL COMPETITIONS



Mihai Florian Miu is finishing out his senior year at Transilvania University of Braşov, the Faculty of Electrical Engineering and Computer Science, specializing in Computers. This year, Mihai has achieved outstanding results at renowned

international scientific competitions, being honoured with the First Prize under the category eHealth and Information Technology within the first edition of "Henri Coanda" Awards organized by the Government of Romania and the Romanian Ministry of Research, Innovation and Digitalization.

Mihai participated in several innovation and research projects together with Mihail-Alexandru Stanescu from the Polytechnic University of Bucharest and George Eduard Ionescu from the University of Bucharest. One of his most remarkable achievements was the project "Genetical Bits - Correlation between Genetics and Networking", distinguished with the First Prize at the "2022 World International Competition and Exhibition (WICE)" of Damansara, Malaysia, in September 2022. This exceptional result qualified him for the prestigious "Henri Coandă" Awards, in its first edition, organized by the Ministry of Research, Innovation and Digitalization, at the Government of Romania.

The same project was also rewarded with the Silver Medal at the "7th International Avicenna Youth Science Fair (IAYSF)" of Tehran, Iran, in September 2022, and at the "2022 Indonesia International Invention Expo (IIEX)" of Semarang, Indonesia, in October 2022.

Another significant project made by Mihai, entitled "Erasmus Projects - the Path for a Successful Career", was distinguished with the Gold Medal at the "International Exhibition INVENTCOR 3rd Edition" of Deva, in December 2022.

His bachelor's degree thesis, entitled "Plant Recognition using Artificial Intelligence on Embedded

Systems", coordinated by Lect. dr. Eng. Cătălin Bogdan Ciobanu, won the Gold Medal as well at the "International Social, Science, Engineering and Education Romanian Competition (IS²E²R) 2023" of Ploiesti, in May 2023. Furthermore, it was presented at AFCO 2023, as well as at the Student Scientific Communication Session within his faculty.



In a collaborative project entitled "AI-Augmented Barcode Reader Using Xilinx KriaKV260", coordinated by Prof. dr. Eng. Dan Nicula and Lect. dr. Eng. Cătălin Bogdan Ciobanu, Mihai Miu together with Alexandru Puşcaşu and Ioana Ailenei won the Third Prize at the Scientific Communication Session within the Faculty of Electrical Engineering and Computer Science. Currently, they are participating in the 2023 Xilinx Open Hardware competition with this project.

Mihai wants to enroll in the master's degree programme of Cyber Security at Transilvania University of Braşov, and he keeps participating in scientific competitions to expand his knowledge and to improve his skills. We wish him the best of luck and are sure that all his dreams will come true!

These remarkable achievements only prove our students' extraordinary potential and remind us why Transilvania University of Braşov is a leader in research and technological education.

Lect. dr. Eng. Cătălin Bogdan CIOBANU
Faculty of Electrical Engineering and Computer
Science

PARTICIPATION OF TRANSILVANIA UNIVERSITY OF BRAȘOV IN THE NATIONAL OLYMPIAD OF MECHANISMS – THE 2023 EDITION

From 25 to 26 May 2023, the Romanian Association for the Science of Machines and Mechanisms – ARoTMM organized, this time at the University of Oradea, the second edition of the National Olympiad of Mechanisms, meant for the academic level (the first edition took place in 2019). This edition was attended by representatives from seven universities, namely: Technical University of Cluj-Napoca, Polytechnic University of Bucharest, the University of Oradea, "Gheorghe Asachi" University of Iași, Transilvania University of Brașov, the University of Craiova, and Polytechnic University of Timișoara.

On behalf of our university, a team of seven students from the Faculty of Mechanics (Augustin Ioan Matea, Lucian Florin Stroe, Ciprian Ioan Broscatan and Radu Cristian Mânza) and from the Faculty of Product Design and Environment (Bianca Boz, Fadel Muhammad Zikrillah and Alexandru Cojocariu) participated in the event.

The team was coordinated and accompanied in Oradea by three members of the academic teaching personnel from the Faculty of Product Design and Environment, namely Prof. dr. Eng. Mircea Neagoe

(President-in-Office of ARoTMM), Prof. dr. Eng. Radu Săulescu and Lect. dr. Eng. Nadia Crețescu.

The Olympiad consisted of a complex theoretical test covering the main chapters of the course of Mechanisms, taught at the bachelor's degree specializations of mechanical engineering and industrial engineering. The participating students' level of training proved to be at a high level of performance; since, following the evaluation of the works, the team from Transilvania University of Brașov obtained one mention in the individual test, which means the 4th place in the individual event, as well as two mentions in the team event: the 5th and 6th places in teams among the participating universities.

The next edition of the National Olympiad of Mechanisms will take place at the Technical University of Cluj-Napoca, where we hope to participate and achieve even better results.

Prof. dr. Eng. Ionel STAREȚU,
President of ARoTMM, Brașov subsidiary

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PARTICIPATION OF UNITBV IN THE “NORTHEAST ASIA ART & DESIGN EXPO” FAIR

This year, Transilvania University of Braşov participated in the first edition of the “Northeast Asia Art & Design Expo” fair of Harbin, China, being the only Romanian institution within this event held between 7 and 11 May 2023.



This event, organized by *Shenzhen International Cultural Industry Fair Co., Ltd.*, was attended, as exhibitors, by 378 governmental groups; local, regional and national companies and cultural organizations; as well as by 35 companies from 15 countries, three of them from Europe, including Romania.

Five members of the academic teaching personnel and a researcher from Transilvania University prepared a programme to promote the academic institution of Braşov, combining, in their presentation, the features of the cultural heritage with those of modernity, through innovative solutions for cultural and educational promotion.



During the five days of exhibition, the Chinese and international public had the opportunity to discover scientific products presented through a virtual reality application, met the educational offer prepared by the university for the international students, and discovered the natural beauties of

Romania through the photos within the exhibition prepared by the UNITBV team.

At the opening of the event, on 7 May, the stand of Transilvania University of Braşov was visited by the media representatives; on which occasion an interview was made and then distributed on local and regional media channels. Moreover, on 9 May, the governor of Harbin region visited the UNITBV stand, receiving information about the exhibited products and the impressions perceived by participating in the event.



Also on 9 May, the UNITBV representatives made a visit to Harbin Normal University, to the centre for creative products of the institution, where they were shown the products made by both academic teaching personnel and students in the exhibition areas of the centre.



Assoc. Prof. dr. Victor BRICIU,
Office of Marketing and Image

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TRANSILVANIA UNIVERSITY OF BRASOV - PARTNER IN THE INTERNATIONAL HEICOMP PROJECT

Since 2022, UNITBV is a partner in the ERASMUS+ KA2 CBHE project No. 101082717 "Bridging the Gap between Student Competences and Working Life Needs", in short HEIComp (project director on behalf of UNITBV, Assoc. Prof. Dr. Florin Nechita, Faculty of Sociology and Communication), together with Laurea University of Applied Sciences (UAS), Finland (as coordinator), Polytechnic of Porto, three universities in Brazil and two universities in Paraguay.



The aim of the project is to prepare Latin American students in a more effective way for labour market integration and thus reduce youth unemployment, through innovative learning methods based on the model successfully applied by the Laurea UAS. The first objective of the project is to develop a learning model that integrates university studies more deeply into the business environment. The second objective is to reshape the role of a lecturer, directing it towards the work of a tutor. The third objective is to modernise the university education system in Latin America by adapting the curriculum to labour market requirements.



Within the project, UNITBV is coordinating Work Package 5, called "Piloting Working Life Connected

Teaching Internationally", with the aim of facilitating the delivery of courses in an international environment, through the collaboration of partner universities in the project.

As part of the activities foreseen in the project, the Educational Kick-Off Meeting workshop was held in May 2023 in Varginha, Minas Gerais State, Brazil, attended by representatives of all partners involved in the project. UNITBV was represented by Assoc. Prof. Dr. Ana-Maria Bolborici (Faculty of Sociology and Communication) and Prof. Dr. Nicolae Marinescu (Faculty of Economic Sciences and Business Administration). During the workshop, professors from Laurea UAS held a series of trainings, group exercises, case studies and role simulations to familiarize project participants with the teaching method connected to business practices.

In parallel with the ERASMUS+ project workshop, the two UNITBV representatives presented two scientific papers at the 9th international conference organized by Grupo UNIS, on the topics "New dimension of intercultural education in a dynamic world" (Ana-Maria Bolborici) and "Internationalization opportunities for students" (Nicolae Marinescu), presentations that generated great interest among the audience.

The workshop ended with a visit to the INATEL University Campus in Santa Rita do Sapucaí, a university with an excellent infrastructure in terms of research laboratories and close links with the private business environment in the fields of telecommunications, robotics and information technology.

Prof. dr. Nicolae MARINESCU
Faculty of Economic Sciences and Business
Administration

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MAY MAGIC AT THE FACULTY OF MUSIC – *BRASSOVIA* STUDENT CHAMBER MUSIC FESTIVAL

The first weekend of May delighted us with the resumption of a beautiful musical story that the Faculty of Music had started in 2014.



At that time, we named it *Brassovia - Student Chamber Music Festival*; and it brought on the same stage students from Cluj, Bucharest, Iași, Timișoara and of course, Brașov.

The fifth edition, held from 5 to 7 May, brought together on the stage of the *181 Studio* Hall within Transilvania University of Brașov, chamber music ensembles that offered us a magical journey through the music of three centuries, by means of varied instrumental compositions, styles and genres, from the already consecrated piano trios (Iași and Bucharest), or string quartet (Cluj), to the flute quartet (Timișoara), or percussion ensemble (Brașov).

The repertoire presented in the three concerts included musical pieces by Franz Schubert, Francis Poulenc, Jean Francaix alongside Astor Piazzolla or Armando Anthony Corea, better known as “Chick” Corea.

Ever since its first edition, the festival has aimed to offer the students of the music higher education institutions a platform allowing them to enrich their concert practice, so necessary for their training as future professionals.



At the same time, the festival offers them the possibility of getting to know each other and of sharing their ideas and professional experiences.

In addition to the previous editions, this year’s programme included masterclass sessions held by Lect. dr. Delia Pavlovici and Assoc. Prof. dr. Florin Croitoru from the National University of Music, Bucharest.



We were more than pleased to host this fifth edition in Brașov and we are already looking forward to the reunion of musicians and music with the audience at the sixth edition, next year.

Prof. dr. Mădălina RUCSANDA, Dean
Faculty of Music

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“TRAIAN LALESCU” STUDENT MATHEMATICS COMPETITION AND THE NATIONAL SCIENTIFIC SESSION ON MATHEMATICS AND COMPUTER SCIENCE



The Faculty of Mathematics and Computer Science within “Gheorghe Asachi” Technical University of Iași and “Traian Lalescu” Foundation, under the auspices of the Ministry of Education, organized, between 4 and 6 May 2023, the following events: “Traian Lalescu” National Student Mathematics Competition and the Student Scientific Communication Session on Mathematics and Computer Science.

The Faculty of Mathematics and Computer Science within Transilvania University of Brașov participated in this event with Izabella Abraham, Ana-Maria Boldeanu, Cosmin Bucătaru and Octavia-Maria Hapenciuc, 1st-year graduate students in Fundamental Mathematical Structures, and with Bogdan-Cristian Anghelina, a 2nd-year student in the same master’s degree programme. In the competition, under Section A, Miruna Roșu, a 1st-year student in the bachelor’s degree programme of Mathematics-Computer Science participated as well. They were accompanied by Assoc. Prof. dr. Nicușor Minculete.

The sections of the National Scientific Session on Mathematics and Computer Science were

Mathematics (bachelor’s/ master’s degree) and Computer Science (bachelor’s / master’s degree). The competition and the aforementioned sections were attended by 101 students from the following universities: “Gheorghe Asachi” Technical University of Iași, “Alexandru Ioan Cuza University of Iași, Technical University of Cluj, Polytechnic University of Timișoara, “Babeș-Bolyai” University, West University of Timișoara, Technical University of Civil Engineering of Bucharest, the University of Bucharest, “Ferdinand I” Military Technical Academy of Bucharest and Transilvania University of Brașov.

Under the Computer Science section, eight papers were presented, whereas under the Mathematics section, 11 papers were presented. The scientific committees of the two sections particularly appreciated their nature of newness. Thus, our faculty obtained outstanding results under the Mathematics section.

First prize: Ana-Maria Boldeanu, Cosmin Bucătaru, Octavia Maria Hapenciuc, 1st-year year SMF, with the paper “On the properties of a class of functions that generalize typical-real and quasi-typical-real functions”, coordinator Prof. dr. Dorina Răducanu;

Third prize: Bogdan-Cristian Anghelina, 2nd-year SMF, with the paper “Location of Hutchinson-Barnsley fractals”, coordinator Prof. dr. Radu Miculescu;

Mention: Izabella Abraham, 1st-year SMF, with the paper “Fixed point theorems on product of b-metric spaces”, coordinator Prof. dr. Radu Miculescu.

Assoc. Prof. dr. Nicușor MINCULETE
Faculty of Mathematics and Computer Science

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THE STUDENTS IN *ENGINEERING OF RENEWABLE ENERGY SYSTEMS* AS ATTENDANTS OF THE CONFERENCE “ENERGY EFFICIENCY FOR THE ENERGY TRANSITION IN ROMANIA”

Between 11 and 12 May 2023, the students in the bachelor's degree programme Engineering of Renewable Energy Systems, at the Faculty of Product Design and Environment within Transilvania University of Braşov, participated in the conference “Energy Efficiency for the Energy Transition in Romania”, organized by Energynomics together with the Romanian Energy Efficiency Fund – FREE and the Energy Efficiency Directorate within the Ministry of Energy.

The main objective of the conference was to publicize relevant topics for the digitization and the increase of energy efficiency in Romania. To this end, it brought together representatives of the local authorities, experts and companies ready to contribute to developing the cities of the future. The topics addressed were related to public-private collaboration for sustainable cities, renovation of buildings, green energy generation, digitalization for public administrations and companies, integration of services, waste management, circular economy, solutions for urban and inter-urban mobility, electric mobility and necessary infrastructure.

Small-format training sessions (workshop type) were organized for the professionals conducting their activity in technical departments of city halls, local and county councils, administrations, public companies for utility services, as well as for the energy managers, energy auditors, suppliers of solutions and equipment for energy efficiency measures and production of energy from renewable sources, but also for the financial experts, consultants and students. During the workshops, examples of actions and technologies to increase energy efficiency were presented, from the monitoring of energy consumption, the generation of energy from renewable sources to the energy management through automation and digitalization.

Assoc. Prof. dr. Eng. Macedon MOLDOVAN
Coordinator of the study programme
Engineering of Renewable Energy Systems
Faculty of Product Design and Environment

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CNSEAD 2023 AT THE FACULTY OF ECONOMIC SCIENCES AND BUSINESS ADMINISTRATION

From 26 to 27 May 2023, the first edition of the "National Competition for the Economics Students in Data Analysis" (CNSEAD) took place at the Faculty of Economic Sciences and Business Administration.



More than 20 teams signed up on behalf of Transilvania University of Brașov, as well as of "1 Decembrie 1918" University of Alba Iulia, "George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology of Târgu Mureș, Academy of Economic Studies of Bucharest and "Dunărea de Jos" University of Galați. The competition organized by Prof. dr. Radu Lixândroiu aimed to promote data analysis among students at Romanian faculties specializing in economics, to raise awareness among young economists on the analysis of data that may be of use in decision-making, and to create social links between the economics students at various faculties.

The event had two sections, namely a section where the participating teams presented a personal analysis of real data, and then an information section where SAS and IBM presented innovative software solutions for using Artificial Intelligence in the advanced data analysis process.

The five prizes of 1,000 lei each were sponsored by Temad CO SRL.



The contest enjoyed real success. The team from "1 Decembrie 1918" University of Alba Iulia declared: "It's been a pleasure to attend, and we learned a lot from everyone. We liked the participants' originality and creativity. Each came up with a new idea and we discovered new applications. We liked the Noesis centre, too; very interesting! A real challenge for us to come here!"

Congratulations to participants and organizers; and... many successful editions for the future!

Prof. dr. Ioana CHIȚU
Faculty of Economic Sciences and Business
Administration

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MATHEMATICAL IDEAS



The thirteenth edition of the methodical-scientific conference "Mathematical Ideas" took place on 20 May 2023 at the Faculty of Mathematics and Computer Science within Transilvania University of Braşov. The traditional event organized by the Braşov Subsidiary of the Romanian Society of Mathematical Sciences, is part of the series of mathematical activities that bring together teaching personnel from both pre-university and university education of Braşov. Original results, of a good mathematical level, in various thematic fields of algebra, geometry and mathematical analysis, were presented. On this occasion, the six pupils from the county of Braşov who won prizes and medals at the 73rd edition of the National Mathematics Olympiad, held between 11-14 April 2023, were singularized and awarded, too.

The Faculty of Mathematics and Computer Science attaches great importance to permanent contact with pre-university education, to supporting high performance in mathematics and computer science at middle and high school level.

The academic teaching personnel of the faculty get professionally involved in the 5th-12th graders' mathematical training for school competitions, within the performance club organized weekly on the premises of the faculty, throughout the school year. The coordinator of the programme, Lect. dr. Adelina Manea, watches over the fluidity and quality of the training lessons offered to young people passionate about mathematics in the county of Braşov.

On the other hand, we mention that Prof. dr. Ovidiu Popescu and Assoc. Prof. dr. Gabriel Stan were invited in the Central Committee of the final stage of the 2023 Mathematics Olympiad for the 7th-8th grades, organized at Cheile Grădiştei, county of Braşov. Moreover, Assoc. Prof. dr. Eugen Păltănea participated as deputy chairman in the final stage of the 2023 Mathematics Olympiad for the 9th-12th grades, organized in Craiova. We also remind of the mathematics and computer science preparation courses for the Baccalaureate, traditionally organized by the faculty.

The joint programmes of the faculty with the pre-university environment will continue in the future, for the benefit of the Braşov community. The level of the education in the field of mathematics is an unanimously accepted indicator for the civilization level of a human community.

Assoc. Prof. dr. Eugen PĂLTĂNEA
Faculty of Mathematics and Computer Science

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THE MEDICAL ENGINEERING STUDENTS' PARTICIPATION IN "SERGIU RĂDĂUȚAN" INTERNATIONAL MICROELECTRONICS COMPETITION AT ITS 12TH EDITION



On 10 May 2023, the Centre of Excellence in the field of ICT Tekwill hosted the 12th edition of "Sergiu Rădăuțan" International Student Competition in the Engineering of Microelectronic Systems. The event was attended by 28 student teams from the Republic of Moldova, Romania and Ukraine. According to the organizers, the goal of the competition is to develop the students' skills of making applications in the field of microelectronic systems, robots, IoT systems, microcontroller systems, biomedical devices and instrumentation, etc. The student competition is organized by the Department of Microelectronics and Biomedical Engineering of the Faculty of Computers, Informatics and Microelectronics within the Technical University of Moldova (TUM). This year, the competition benefited from the support granted by the Technical University of Moldova; Society of Graduates in Microelectronics of the Technical University of Moldova; Society of Biomedical Engineering of Moldova; Association of Electronic Industry Companies of Moldova; Arobs Software S.R.L.; Microchip Technology S.R.L.; Informbusiness S.R.L.; Mechatronics Innovation Center S.R.L.; SafeLogic S.R.L.; DJV-Com S.R.L.; Simpals S.R.L.; Aproservice-X S.R.L.; MobileSoft Solutions S.R.L.; LED Market S.R.L.; MedLux Group S.R.L.; GreeSCI Project (GA 101060678).

The competition consisted of two stages: PowerPoint presentation of the project/ application and presentation of the functionality of the project/ application. The prizes obtained in the competition by the students at the Faculty of Product Design and Environment (specialization Medical Engineering) were:

1. First place and UTM first prize - *Research on cryotherapy systems with medical applications*, student:

Larisa Simona Bran, coordinator Prof. dr. Eng. dr. Marketing Angela Repanovici;

2. Second place and UTM second prize - *System for monitoring temperature and heating the patient*, students: Robert Ionașcu, Cătălina Mareș, Teotim Barbu, coordinators: Prof. dr. Eng. Luciana Cristea, Assoc. Prof. dr. Phys. Attila Laszlo Boer;

3. MedLux Group Special Award - *System for monitoring temperature and heating the patient*, students: Robert Ionașcu, Cătălina Mareș, Teotim Barbu, coordinators: Prof. dr. Eng. Luciana Cristea, Assoc. Prof. dr. Phys. Attila Laszlo Boer;

4. SafeLogic Special Award - *Lung simulator*, student: Alexandra Marian, coordinators: Lect. dr. Eng. Corneliu-Nicolae Drugă, Prof. dr. Eng. dr. Marketing Angela Repanovici;

5. 3 Informbussines Special Prize - *Lung simulator*, student: Alexandra Marian, coordinators: Lect. dr. Eng. Corneliu-Nicolae Drugă, Prof. dr. Eng. dr. Marketing Angela Repanovici;

6. MedLux Group Special Award - *Design and achievement of an incubator for microbiology*, students: Alexandru Cuciureanu, Alexandru Stefanita, coordinators: Lect. dr. Eng. Corneliu Drugă, Lect. dr. Eng. Ionel Șerban;

7. MedLux Group Special Award - *Cervical collar with physiotherapy elements*, students: Rareș- Andrei Baroi, Alina Vlad, Nicoleta Vlad, coordinators: Lect. dr. Eng. Corneliu Nicolae Drugă, Assoc. Prof. dr. Phys. Petru Adrian Cotfas;

8. Microchip Technology Mention - *Device for testing auditory acuity*, students: Iulian Nichifor, Cristina-Petruța Nicolae, Andreea Orăș, coordinators: Lect. dr. Eng. Corneliu-Nicolae Drugă, Prof. dr. Eng. Daniela Mariana Barbu;

9. Society of Graduates in Microelectronics of the Technical University of Moldova Mention - *Vein detection device*, student: Stefan Alexandru Mitrea, coordinator: Lect. dr. Eng. Corneliu Nicolae.

Lect. dr. Eng. Corneliu DRUGĂ
Faculty of Product Design and Environment

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THE BRAȘOV MECHATRONICS STUDENTS' RESULTS IN THE COMPETITIONS ORGANIZED WITHIN THE EVENTS UNDER "MECHATRONICS EDUCATION DAYS - CLUJ-NAPOCA 2023"

Between 23 and 26 May 2023, the Technical University of Cluj-Napoca, Faculty of Automotive, Mechatronics and Mechanical Engineering, Department of Mechatronics and Machine Dynamics, organized the 11th edition of the events entitled "Mechatronics Education Days".

This important event was attended by the Romanian academic centres that provide training of excellence in the field of mechatronics (Transilvania University of Brașov, Polytechnic University of Bucharest, Technical University of Cluj-Napoca, the University of Craiova, "Gheorghe Asachi" Technical University of Iași, the University of Oradea, "Lucian Blaga" University of Sibiu, "Ștefan cel Mare" University of Suceava).

These events included the following competitions:

- National Mechatronics Olympiad – Mechatronic Systems section;
- National Mechatronics Olympiad – Mobile Robots section – line-follower;
- National Mechatronics Olympiad – Mobile Robots section – mini-sumo;
- National Competition of Mechatronic Systems for Unmanned Flight;
- National Competition of Achievements in the field of Mechatronics.

Transilvania University of Brașov was represented at this event by students and professors from the Mechatronics bachelor's degree programme within the Department of Product Design, Mechatronics and Environment, Faculty of Product Design and Environment:

The results of the UNITBV team were as follows:

No.	First and last name	Study year	Prize	Coordinators
National Mechatronics Olympiad – MECHATRONIC SYSTEMS section (mechanical, electrical, pneumatic assembly and programming)				
1.	Adrian CORBOȘ	4 th year - Mechatronics	2 nd prize	Prof. dr. Eng. Marius Cristian LUCULESCU Prof. dr. Eng. Luciana CRISTEA Lect. dr. Eng. Leonard MITU
2.	Radu Nicolae BURBEA	3 rd year - Mechatronics		
3.	Mihai Cristian COSMA	4 th year - Mechatronics		
National Mechatronics Olympiad – Mobile Robots section – line-follower				
4.	George FLOREA	4 th year - Mechatronics	Mention	Assoc. Prof. dr. Phys. Attila BOER
5.	Andrei CLINCIU	4 th year - Mechatronics		
National Mechatronics Olympiad – Mobile Robots section – mini-Sumo				
6.	Christian MELCHIOR	2 nd year - Mechatronics	2 nd prize	Prof. dr. Phys. Sorin ZAMFIRA
7.	David FULGEANU	4 th year - Mechatronics		
8.	Mihai Cristian COSMA	4 th year - Mechatronics		
National Competition of Mechatronic Systems for Unmanned Flight – Indoor section				
9.	Cătălin Mihai SIMION	4 th year - Mechatronics	2 nd prize	Prof. dr. Phys. Sorin ZAMFIRA
10.	Teodor-Angel SEREA	4 th year - Mechatronics		



The team of Transilvania University of Brașov thanks everyone for their moral and material support to ensure their participation in this event and achieve these results.

Prof. dr. Eng. Luciana CRISTEA
Faculty of Product Design and Environment

PRACTICAL SEMINAR ON THE TOPIC OF INTERCULTURAL COMPETENCES AT THE FACULTY OF ECONOMIC SCIENCES AND BUSINESS ADMINISTRATION



Cristian Giuglea, Director of Talent Management at Veoneer, held a practical seminar on intercultural differences and skills for the 1st-year students in the “International Economic Relations” and “Management and Business Strategies” master’s degree programmes, at the invitation of Prof. dr. Nicolae Marinescu, during the second semester of the academic year 2022-2023.

A graduate of the Faculty of Economic Sciences and Business Administration within Transilvania University of Braşov, he leads a Centre of Excellence for Talent Management, being responsible for developing and implementing employee strategies, including performance management, success planning, involvement and development of human resource.

During the practical seminar, emphasis was placed on the ways in which a company can develop its intercultural relationships depending on the context. Cristian Giuglea debated this topic, because the experience acquired in employee management and development abroad led him to notice these differences that can decrease or increase employee productivity depending on the communication with them. In some countries, the communication procedure can be direct, simple and precise,

whereas in other parts of the world it can be sophisticated and nuanced.

Throughout the presentation, situations related to communication, evaluation, management, decision and persuasion, but also to the ways of trusting, disagreeing or scheduling tasks, were exemplified. All these examples differ according to the employees’ mentality, therefore cultural differences have a great impact on the way in which they are understood or understand the transmitted message.

In addition to this information, Cristian Giuglea debated and analysed a case study on cultural differences in the relationship between European and Chinese managers, which aimed to involve the attending graduate students in a situation they might face in their future career.

The given circumstances impelled the graduate students to identifying intercultural discrepancies and finding solutions from both the European and the Asian business environment.



At Cristian Giuglea’s exhortation, the graduate students showed real interest in addressing intercultural situations and finding out the methods by which a company can better understand its employees. Accordingly, the practical seminar was followed by a session of questions and answers from the graduate students.

Darian Gabriel SILIŞTEANU, student in practical training
Assoc. Prof. dr. Nicolae MARINESCU, Alumni coordinator
Faculty of Economic Sciences and Business
Administration

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"HAVING A TALK WITH..." ASSOC. PROF. DR. CRISTINA CANJA



Radio Campus Transilvania is a radio project for students that brings to the forefront the opportunities for student development and encourages student participation in extra-curricular activities. One of the listeners' favourite broadcasts is "Having a Talk with...", a show through which we want direct and close interaction between the UNITBV students and representatives or well-known people in various fields of activity.

24 May 2023 brought closer to us Cristina Canja, Associate Professor at the Faculty of Food and Tourism, and Director of the Department of Food and Tourism Engineering and Management. The natural and casual discussion followed two directions: student life and folk costume. The show highlighted the importance of involving students in extra-curricular activities, how much student support from academic teaching personnel matters, as well as the fruitful achievements of the students at the faculty they represent, but also the spiritual value of Romanian traditions.

Thus, the opportunities for students include practical placement stages, competitions and contests through which they can stand out, or Erasmus-type exchanges of experience, where the interested students succeeded in making the most of the opportunity in countries such as Greece, Spain, Italy, Ireland and Austria.

As professors reap fruits of their students' successes, Cristina Canja did not hesitate to share with us one of her greatest joys – the participation in the international competition *GastroPan*, where the winners of the section dedicated to students were the very students of the Faculty of Food and Tourism, with Ariana Sanduta ranking second under the "Cake of the Year" section.

As regards the folk costume, the guest declares that it is a special passion of hers; and in 2022, at the festive course, she chose to proudly wear the Romanian blouse that her grandmother had worn on her wedding day itself.

Assoc. Prof. dr. Cristina Canja urges students not to rush into giving up on their dreams, because patience is the key to understanding whether they really like something, and patience is the key to achieving dreams.

Cătălina CHIRTOACĂ
Radio Campus Transilvania
1st-year graduate student,
Management and Development of Human Resources

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“HAVING A TALK WITH...” LECT. DR. ALEXANDRA BELIBOU



Through the project of Radio Campus Transilvania, we always succeed in highlighting the most beautiful and interesting topics that target and attract students and not only. One of the most broadcast shows is “Having a Talk with...”, a radio show format through which we want to invite representatives of Transilvania University of Braşov and other personalities in different fields of activity, who achieve special things.

Our guest was Lect. dr. Alexandra Belibou, from the Faculty of Music. We talked about the experience of being a contemporary artist, the challenges encountered in the field of music, but also about the benefits of the musical career. How much is it about talent, but also how much is it about work when it comes to music and generally any form of artistic manifestation? “Being a musician means having good communication skills, analytical thinking, flexibility, good planning and organization skills; it also requires energy and responsibility”, Alexandra Belibou told us on the show.

We always need a journey within ourselves to discover what we really want, what we love or don't love to do. Therefore, we must combine the activities that bring us inner satisfaction; and then involvement and curiosity will automatically provide the answer to our questions. Success should be seen as a small joy that can somehow be attained in the short or medium term, but not in the long term. The journey to success has its importance in everyone's life.

One of the most significant obstacles that artists face is the fierce competitiveness in the industry. There is a large number of talented and aspiring artists, which makes it difficult to gain visibility and recognition. Promoting one's own talent, finding opportunities for performances and attracting audiences become crucial aspects in a contemporary artist's path. Another challenge is adapting to digital technology and the changes in the way music is consumed. With the rise of online platforms and services, artists need to redefine their music release strategies and to find an audience in this ever-changing landscape.

Despite all the challenges it entails, contemporary music career comes with numerous benefits. One of these is the opportunity to express your creativity and to share your stories through music. Moreover, music career can also provide opportunities for travel and interaction with various cultures. Artists have the opportunity to share their music in concerts and international tours, which allows them to discover new places, meet new people and broaden their cultural horizons. In addition, success in the music industry can bring recognition and appreciation, both from fans and colleagues, and from the industry itself.

A contemporary artist who succeeds in making a name for him/herself can have a significant influence and can inspire and motivate other artists. Perseverance, innovation and passion for music remain the keys that open doors to self-realization and success in this ever-evolving field.

The advice for students is to stay curious and open, because opportunities arise from where you do not even expect! Opportunities simply arise, if you live in the moment.

Arina-Codrina TACU
Radio Campus Transilvania
1st-year graduate student,
Brand Image Management

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CHAMBER JAZZ | SONGS WITHOUT BORDERS

On 25 May, the Multicultural Centre hosted a new concert within the Chamber Jazz @ Transilvania University programme. *Songs without borders* (Lucian Ban | piano, Mat Maneri | viola and Sarah Murcia | double bass) is part of a series of concerts, masterclasses and post-concert discussions, held in Bucharest, Timișoara and Brașov, which create an original programme inspired by Romanian folk music, jazz and European chamber music.



Lucian Ban and Mat Maneri are internationally renowned for the way in which they combine Transylvanian folk and improvisation, twentieth-century European classical music with jazz, and for the modern style in which they approach chamber jazz. The two played together in 2009, as part of the *Enesco Re-Imagined* octet, created to celebrate and re-imagine the music of the greatest Romanian composer, George Enescu, with the means of modern jazz.



Transylvanian Concert (ECM Records, 2013), *Sounding Tears* (Clean Feed Records, 2016) made together with the legendary Evan Parker, Maneri's microtonal quartet, *DUST* (Sunnyside Records, 2019) and then *Transylvanian Folk Songs* – they are all successful projects of the two musicians. Considered by *Jazz Times* an act of tribute, but also of transformation, *Transylvanian Folk Songs* quickly climbed charts such as *Billboard*, *European Jazz Media Charts* or *Balkan World Music Charts*.

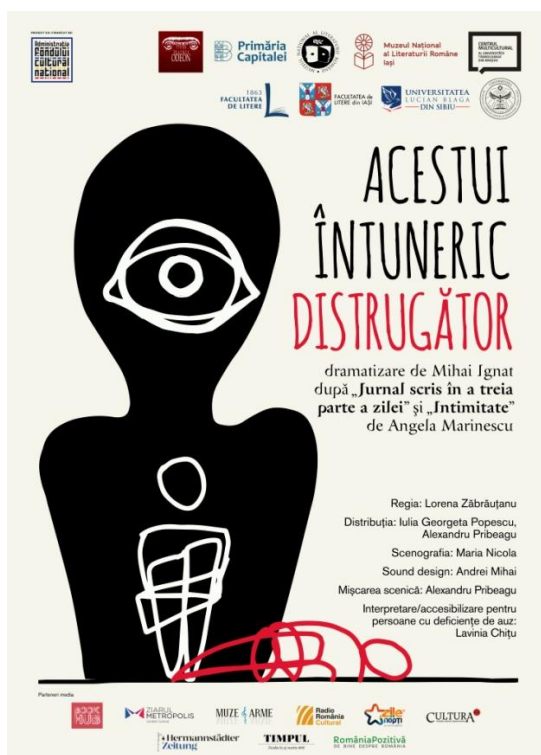
Sarah Murcia is considered one of France's leading contemporary jazz double bassists and composers, a musician who has worked with an impressive array of French and international jazz musicians such as Steve Coleman, Louis Sclavis, Magic Malik, Benoit Delbecq, Jen Shyu, Samuel Ber, Taylor Ho Bynum, Olivier Pi, Benjamin Moussay, and many others.

Anca PAPANA

Multicultural Centre of Transilvania University of Brașov

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TO THIS DESTROYING DARKNESS – THEATRE PERFORMANCE



On 4 May, the Multicultural Centre hosted the performance of the poem-show “To This Destructive Darkness”, starting from texts by poet Angela Marinescu included in the volumes “Diary Written in the Third Part of the Day” and “Intimacy”, in a dramatization by Mihai Ignat. The cast included Iulia Georgeta Popescu and Alexandru Pribeagu and was directed by Lorena Zăbrăuțanu.

“To This Destructive Darkness”, which premiered at Odeon Theatre, in Bucharest, on 8 April, is initiated and produced by actress Iulia Georgeta Popescu, with the support of AFCN, and is part of a dramatic trilogy launched in 2022 with the show “NO RA –Feminine of the Clouds”, dedicated to Nora Iuga’s poetry (which was also performed at the Multicultural Centre) and which will continue in 2024 with a show dedicated to Marta Petraeus’ poetry.

“Through the directorial concept I set out to make the portrait of a single man split into two. I don’t say character because there is no character in this show. There is only one man in whom there are two halves who dialogize, quarrel, ask questions and give answers to each other. A female part and a male part of the same “I”, who hate and love each

other alike. Each of us hates and loves ourselves; we could say that we are in a complicated relationship with our own being.” – Lorena Zăbrăuțanu, director of the show.



Angela Marinescu published over 15 volumes of poetry, a volume of essays, as well as a “Journal Written in the Third Part of the Day”. In her bibliography, besides poetry, there are also several anthologies published in Romania or abroad, in English, German, Polish. She received numerous awards for her creation: “Nichita Stanescu” Award (1990), the Romanian Writers’ Union Award (1996 and 2000), “Mihai Eminescu” National Poetry Award – Opera Omnia (2004); she was the first laureate of “George Bacovia” National Award, in 2017.

Anca PAPANA

Multicultural Centre of Transilvania University of Braşov

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EXHIBITION OF PAINTING - "FLOWERS AND MUSICAL INSTRUMENTS"

Between 5 and 7 May 2023, the Faculty of Psychology and Education Sciences organized the exhibition of painting "Flowers and Musical Instruments", an event held within the "Chamber Music Festival for Students" of the Faculty of Music.



The exhibition took place in *181 Studio* Hall of Transilvania University of Braşov and was open to the public during the concerts.

The basic idea started from the initiative of the Dean, Prof. dr. Mădălina Rucsanda, to pave the halls of the Faculty of Music.



Under the coordination of Assoc. Prof. dr. Elena-Simona Indreica, a group of six UNITBV students gave life to this beautiful project. They are Denisa Baluta (PSE), Ilie Indreica (IESC), Kristian Lucaci (PSE), Ana-Maria Manole (PSE), Andreea Tudurachi (PSE), Dacian Ursu (EFSM). The dedication and

enthusiasm of the team made the many hours of work materialize in 18 large works (100x50 cm).



The paintings are made with acrylics on cotton canvas fastened to chassis. The theme of the compositions was grafted around musical instruments. With a too long-awaited spring in mind, some of the instruments were wrapped in flowers.

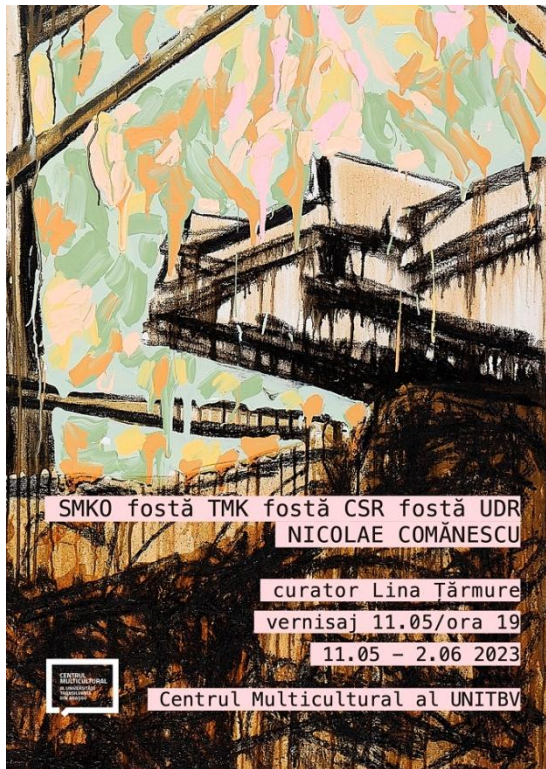


Currently, the paintings can be admired in the rehearsal rooms, in offices or in the hallway of the Faculty of Music.

Assoc. Prof. dr. Elena-Simona INDREICA
Faculty of Psychology and Education Sciences

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NICOLAE COMĂNESCU SMKO FORMER TMK FORMER CSR FORMER UDR |



In May, Nicolae Comănescu's exhibition "SMKO former TMK former CSR former UDR", made up of a selection of works from the "Scrap Metal Kaboom Orchestra" series, made at Reșița in 2021, could be visited at the Multicultural Centre. Nicolae Comănescu was invited by the municipality of Banat to "preserve the repugnant immaterial" (Smaranda Ciubotaru), that is, to identify, collect and give a new functionality to the fragments extracted from Reșița Iron and Steel Plant. Comănescu has been inserting features of various geographical sites on his canvases since 2006, when he started the "Dust and Powder" series, where he even mixed the two elements (along with mustard, ground from outside the building where he lives, and cigarette ash) with an acrylic medium, integrating the mix into the compositions inspired by Berceni neighbourhood;

next came "DNA: Dust Narrative Analysis", for which he also added ash to the list of materials.

"Following his stay in Reșița in 2021, he collected slag, rust, ash and brick powder. Thus, by capturing a moment that he isolates in time and space on a canvas, Comănescu creates his own *temporeality*; a hybrid universe, based on his own observations, experiences and feelings about his surroundings and/or about his self in relation to them, in a certain space-time. This hybridization comes from a coagulation of purely visual information – signs meant to exclusively unfold on the surface of the canvas – and some extra-visual ones." (Lina Țărmure, curator of the exhibition)



The opening of the exhibition took place on 11 May, in the presence of the artist and of the curator Lina Țărmure. The exhibition participated in the Night of Museums (13 May), when the Multicultural Centre was visited by over 2,000 people.

Anca PAPANA
Multicultural Centre of Transilvania University of Brașov

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GRADUATES WE ARE PROUD OF - SERGIU ROȘIANU



A graduate of the first class of the bachelor's degree programme Road Vehicles (taught in English) (2005), Sergiu Roșianu climbed the hierarchical steps within Schaeffler – Romania: preparation of the manufacture of large-sized bearings for the wind industry, head of office – preparation of manufacture, product officer, production manager, currently *Engineering Centre Manager*, with responsibilities in coordinating the following specific R&D fields of the Engineering Centre: product development, advanced development, validation through simulation and testing, technical analysis,

development of CAD methods and provision of aid in design, development of CAD, PLM, PM software.

He has been actively involved in developing joint research projects, but also didactic projects related to the master's degree study programmes in English: "Virtual Engineering in Automotive Design" and "Practical Integrated Methods in Propulsion Systems".

"Education is the most important pillar for the future of a people. Training an engineer is the source of innovation in the development of technology and products so necessary for human existence. Transilvania University of Brașov was the source of inspiration for the engineering path I embarked on. If, on this road, I can find inquisitive engineers, determined to solve technical challenges, loneliness is not an option", said Sergiu Roșianu.

Lect. dr. Janos TIMAR,
Faculty of Mechanical Engineering

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IN MEMORIAM – PROF. DR. ENG. PETER KUHAR (1944 – 2017)



Prof. dr. Eng. Peter Kuhar was a graduate of the Faculty of Mechanics, class of 1968, and he obtained his doctoral degree in the field of mechanical engineering at RWTH Aachen, Germany.

A Professor at the University of Applied Sciences of Konstanz (Germany), he was a bridge connecting the faculty and Transilvania University of Braşov with the German teaching and research space. He was the promoter of joint research projects

conducted between 1992 – 2014, a visiting professor in the 2011-2012 academic year, holding courses and giving lectures for the graduate and doctoral students at Transilvania University of Braşov.

He facilitated, through joint projects, the partnership between Transilvania University of Braşov (Faculty of Mechanical Engineering) and RWTH Aachen. Moreover, he supported many students in Erasmus programmes and doctoral students from Germany who completed their doctorate at Transilvania University of Braşov.

As a result of his activity, he was awarded the title of Doctor Honoris Causa of Transilvania University of Braşov.

Lect. dr. Janos TIMAR,
Faculty of Mechanical Engineering

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