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# NEWSLETTER

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## NATIONAL CHAMPION AND UNITBV STUDENT, ALEXANDRA DOBRIN ACHIEVES A TOP RESULT AT THE NATIONAL CHAMPIONSHIPS OF FRANCE

After obtaining a bachelor's degree in Law and Criminology at Université Libre de Bruxelles and a master's degree in Civil Law at Titu Maiorescu University, Bucharest, the ambitious Alexandra Dobrin has become, starting this year, a student at Transilvania University of Braşov, the Faculty of Physical Education and Mountain Sports, the study programme Sports and Motor Performance - IFR, realizing that the only job she wants is that of swimming coach.



In all the years she spent outside the country, Alexandra did not stop swimming; and, since December 2021 this great athlete has been preparing herself in Braşov, with the coaching team: Silviu Cioroiu, Prof. dr. at FEFSM, and Remus Dragomir, coach at Corona Braşov club.



Since she became a member of the aforementioned club, Alexandra Dobrin has won multiple national titles at the senior national championships (both in the short course - Miercurea Ciuc, December 2021, and in the long course - Bacău, March 2022), and she qualified and participated in the Short Course World Championship – Abu Dhabi, December 2021).

Recently, in her favourite event, the 400-meter medley, with a time of 4:47.46, she achieved the best personal performance and the best female performance in Romania at the moment – 795 points in the FINA table, and she won the silver medal at the French Championships, a large-scale competition held between 8 and 11 April 2022, Limoges, France.

The next big competition she will attend is the European Championship, in August, in Rome.

We wish her the best of luck and hope all her dreams come true!

Prof. dr. Silviu Gabriel CIOROIU  
Faculty of Physical Education and Mountain  
Sports

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## THE NINTH SYMPHONY BY LUDWIG VAN BEETHOVEN, IN AN UNPRECEDENTED HYPOSTASIS ON THE STAGE OF "SERGIU T. CHIRIACESCU" CONFERENCE CENTRE

The month of April ended with a special event organized by the Music Centre of the University, within the Concert Season.



The date of 29 April 2022 brought the pianists Alina Bercu and Can Çakmur on the stage of "Sergiu T. Chiriacescu" Conference Centre, in a complete performance. The pretext for the event was the arrangement for two pianos made by Franz Liszt, with a view to paying homage to the personality of the great composer Ludwig van Beethoven and, at the same time, one of the most renowned compositions in the history of European music – the Ninth Symphony. This monumental work by Liszt achieved its impressive potential through the high quality of the performance by the two pianists.

Alina Bercu is a pianist already known and appreciated both by the audience and the critics at an international level. She gives concerts in Europe and America, in halls such as Carnegie Hall (New York), Mariinsky Theatre (St. Petersburg), Vienna State Opera and Tonhalle Zürich. She is a laureate of international competitions *Clara Haskil*, *Premio Trio di Trieste* the European Piano Competition in Bremen. Alina's recordings have been awarded with prizes such as *Golden Label* and *Cle d'Or*. Since 2018, Alina Bercu has been Assist. Lect. at the University of Music of Weimar and "Phoenixsee" International Academy of Dortmund. Alina Bercu performed the score of the first piano in a stylistically and

affectively accomplished way; and she also rose to the virtuosity imposed by Liszt's score with interpretative grace and eloquence. At the second piano, she had Can Çakmur by her side, who completed the artistic performance with equal flexibility and virtuosity. Can Çakmur is a name on the rise on the international scene. Laureate of *Hamamatsu International Piano Competition* and *Scottish International Piano Competition*, he has so far given recitals and concerts in halls such as Suntory Hall (Tokyo), Foundation Louis Vuitton (Paris) and Wigmore Hall (London). His records have been awarded with *Diapason d'Or*, *ICMA Recording of the Year* and *Young Artist of the Year*.



The two pianists journeyed through the universe of the Ninth Symphony, according to Liszt's intention to create a true musical tribute, rising up to the overwhelming Beethovenian personality. The event begot a revealing outcome for the audience in the hall, who could directly perceive the thrilling consistency of the score, as well as the interpretive and comprehensive mastery of the pianists Alina Bercu and Can Çakmur.

Magdalena LAZĂR, doctoral student  
Faculty of Music

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## STABAT MATER CONCERT

In anticipation of this year's Easter Holidays, the Music Centre of Transilvania University in Braşov organized an event representative of its own efforts to create unique artistic contexts and to constantly surprise the public that loves the aesthetics of musical performances.



In a unique way, on 11 April 2022, the Roman Catholic Church of St. Peter and St. Paul of Braşov, resounded with music pieces meant to evoke the last moments of the Saviour's life and to awaken the pious feeling that accompanies this evocation.

The mezzo-soprano Noémi Karácsony and the well-known organist Ursula Philippi were the protagonists of the concert, bringing to the audience's attention compositions by A. Vivaldi and J.S. Bach, which were considered the most suitable to realize the intention of guidance towards introspection and spirituality: the motet *Filiae maestae Jerusalem* (RV 638) and *Stabat Mater* (RV 621), respectively *Fantasy and Fugue in C minor* (BWV 537) for organ.



The two recitatives and the aria that can be found in the compositional structure of the motet acquired a clear emotional intensity in the interpretation of the mezzo-soprano Noémi Karácsony, who conveyed with dedication and professionalism the moments of the crucifixion evoked by the score. The choice for Bach's *Fantasy and Fugue* to come next served as a veritable deepening of the musical message incorporated by the Motet.

The mastery of the organist Ursula Philippi highlighted the semantic profile of the Bachian composition, emphasizing its sobriety and sensitivity, mediated not only by her perfect refinement, but also by her robust virtuosity in performing the demanding passages.

Finally, the first ten stanzas of the medieval hymn *Stabat Mater*, which make up Vivaldi's eponymous work, completed the atmosphere with the homogeneous union of voice and organ, which successfully supplemented the string and basso continuo orchestra originally envisaged by the composer.

Magdalena LAZĂR, doctoral student  
Faculty of Music

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## PIANO RECITAL CAN ÇAKMUR (TURKEY)

On 27 April 2022, the stage of "Sergiu T. Chiriacescu" Conference Centre hosted the recital of the Turkish pianist Can Çakmur.



This time, the Braşov audience was offered the opportunity to be an active part of the artistic moment. Thus, the young pianist's interpretive emotion could be encouraged and amplified by the presence in the performance hall of those wishing to listen to the compositional mastery of three great masters of universal music: F. Schubert, A. Schoenberg and J. Brahms. The works chosen to be presented during the current Concert Season highlighted the pianist's professionalism and attention to the design of the event based on an inner structural logic.



Even if the three music pieces are true examples of the manifestation of pure music, devoid of any programmatic trace, they succeeded, joined together, in creating an interesting and well-articulated story from a musicological point of view. The programme was therefore based on three musical pillars: *Impromptus* D. 935 (Schubert), *3 piano pieces* op. 11 (Schoenberg), respectively *4 piano pieces* op. 119 (Brahms).

Schubert's four *Impromptus* are a point of interest from a formal perspective since, although they are individually fully capable of sustaining the structural coherence, their successive unfolding suggests the general outline of the sonata genre. Schoenberg's op. 11 challenges the limits of traditional harmony in that it goes beyond the unfolding of musical discourse through the repeated alternation of harmonic tensions and resolutions, rather turning to gestures and pauses for this purpose. Finally, Brahms' music piece seems to manifest itself as a mediator between the two previous ones. On the one hand, the four pieces - miniatures - closely follow the discursive style specific to the symphonic or sonata genre, which they calibrate to the dimensions claimed by the specificity of the miniatures. On the other hand, the thematic material, purposefully chosen to be less generous from a quantitative point of view, was chosen with great ingenuity.



The young pianist Can Çakmur succeeded in offering a performance true to the compositional intentions behind the music pieces. Moreover, his virtuosity, as well as a special sensitivity in intuiting the harmonic or other valences that are encoded in the musical material, vested the repertoire in a discreet personal colour, generated by the performer's indisputable artistic individuality.

Magdalena LAZĂR, doctoral student,  
Faculty of Music

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## SCSS 2022 AT THE FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

On 12 April 2022, the Faculty of Mathematics and Computer Science organized the *2022 Student Scientific Communications Session*.



The session was held in two sections: *Computer Science* and *Mathematics*. The Computer Science section included 11 communications, and the Mathematics section - 5 communications. The student communications under the Mathematics section were moderated by Prof. dr. Dorina Răducanu, whereas - under the Computer Science section - by Prof. dr. Livia Sângeorzan.



As in the previous editions, the event highlighted the research potential of the students in Mathematics and Computer Science. The students who attended the two sections were coordinated in achieving their papers by the following academic teaching personnel, as well collaborators: Prof. dr. Marin Marin, Prof. dr. Mihai Pascu, Prof. dr. Radu Miculescu, Prof. dr. Nicușor Minculete, Prof. dr. Lucian Mircea Sasu, Prof. dr. Alexandru Paler, Lect. dr. Ioana Cristina Plajer, Lect. dr. Alexandra Băicoianu, Dr. Eng. Tudor Topoleanu, Dr. Sebastian Ichim, Vlad Alexandru Mocanu and Bogdan Scafariu.

At the end of the event, the following prizes were awarded, by section:

### ***Computer Science Section:***

- 1<sup>st</sup> Prize: Ioana Moflic - Optimization of Quantum Circuits by means of Reinforcement Learning;
- 2<sup>nd</sup> Prize: Teodora Ceangă - Smart Office Pet;
- 3<sup>rd</sup> Prize: Daniel Lungu - Visual Question Answering;
- Mention: Cristina-Gabriela Gavrilă - Optimizing Neural Network Models for Time-Series Forecasting Using Fractal Analysis Techniques;
- Mention: Ionuț Lazăr - Integrated B2B Mobile Application with ERP System;
- Mention: George Andrei Pascale - Amazing Romania;
- Mention: Alexia Kallay - Predicting Traffic Accidents Using Graph Convolutional Networks;
- Mention: Roberta Iuliana Luca - Optimization of Structures Using Genetic Algorithms;
- Mention: Florin Arhip - Autonomous Driving;
- Mention: Mihai Bogdan Petre - Personal Books Manager;
- Mention: Alexandru Călcioiu, Annelore Comnoiu, Eduard Cărlan - Exploration of the Antipa Museum.

### ***The Mathematics Section:***

- 1<sup>st</sup> Prize: Bogdan Anghelina - Generalization of Some Fixed-Point Theorems within the  $f$ -spaces Metric;
- 2<sup>nd</sup> Prize: Cosmin Bucătaru - Geometric Transformations;
- 3<sup>rd</sup> Prize: Octavia Maria Hapenciu - The Integral Operator associated with the Sturm-Liouville Problem;
- 3<sup>rd</sup> Prize: Izabella Abraham - Inequalities with Linear and Positive Operators;
- 3<sup>rd</sup> Prize: Anna Renata Ferent -  $\pi$  in Analysis, Geometry, ... and not only!

The discussions within the scientific commissions of the two sections highlighted the character of newness of the presentations that reflect original scientific results. We thank the companies that sponsored the activity: Canam Group Inc., Siemens SRL, Atos, CountThings!

Assoc. Prof. dr. Nicușor MINCULETE  
Lect. dr. Nicoleta ENACHE-DAVID  
Mathematics and Computer Science

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## NATIONAL STUDENT SESSION OF RESEARCH AND INNOVATION IN MECHANICAL ENGINEERING (SSING) 2022

From 13 to 14 April 2022, the Department of Mechanical Engineering of the Faculty of Mechanical Engineering within Transilvania University of Braşov, in collaboration with *The General Association of Engineers in Romania* (AGIR) organized the second edition of the National Student Session "Research and innovation in mechanical engineering" (SSING).



The event held in April is a manifestation dedicated to both undergraduate and graduate students, being a good occasion to offer them the opportunity to present the results of their scientific research.

The first-year students in the programme *Mechanical Engineering* joined in the organization for the first time in this session.

Prof. dr. Eng. Maria Luminița Scutaru, Director of the Department of Mechanical Engineering, and Assoc. Prof. dr. Eng. Liviu Costiuc, Vice-Dean of the Faculty of Mechanical Engineering within Transilvania University of Braşov spoke at the opening ceremony of the scientific event.



The participating students, both from Transilvania University of Braşov and from other university centres in the country, presented the results of their research activities in an academic atmosphere.



The session dedicated to the graduate programmes was hosted by the CO2B Research Centre of the Department of Mechanical Engineering within the Research & Development Institute - ICDT. The session was organized by Prof. dr. Eng. Camelia Cerbu, who is the coordinator of CO2B research centre.

The prizes were awarded on 14 April, during the ceremony opened by Prof. dr. Eng. Ioan Călin Roşca, Dean of the Faculty of Mechanical Engineering.



The success of this edition is largely due to the participating students, who have shown dedication, passion and inspiration.

At the end of the edition, there was a session of questions, comments, suggestions for expansion and application of the concepts and methods used.

In conclusion, the communication session was an additional opportunity for the students to enrich their knowledge; and it was, for all, a moment of encouragement for a future academic activity.

Prof. dr. Eng. Maria Luminița SCUTARU  
Director of the Mechanical Engineering  
Department  
President of SING 2022 Organizing Committee

## STITCHING WORKSHOP AT NORBERT DETAEYE MEDIA LIBRARY



Student life involves meeting one's colleagues and professors, acquiring new knowledge, high-performance labs, practical activities, as well as extra-curricular activities, all of which form a whole.

A suitable choice for relaxation at the end of a week of seminars, courses, projects and laboratories can be to participate in a stitching workshop held at *Norbert Detaeye* Media Library, in the Auditorium Hall.

As the Easter holiday was approaching, I thought I would give my younger colleagues a double treat, and so I adapted, on 8 April, the cross-stitch workshop, to a specific theme, with a bunny, in two models. Afterwards, the stitch could be framed or applied to a linen or cotton tablecloth or another object, depending on the creativity of the attendants, who were the students of the Faculty of Furniture Design and Wood Engineering: Aura Zahiu, ds Ruxandra Nedelcu and Vasile Graur.



We thus spent a spring afternoon together, between canvases, coloured threads and needles, which ended with the result of their work, but also with a wonderful memory.

A way to reduce stress and depression, the handwork helps improve fine motor functions, stimulates the imagination and encourages teamwork.



Furthermore, the shared stories and experiences created a general good mood for the participants and the desire to see each other again under similar conditions, which is what we set out to do, along with other colleagues.



Antonela LUNGU, doctoral student  
Faculty of Furniture Design and Wood Engineering

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## TAKING COUNCIL WITH THE SPECIALISTS IN COMMUNICATION

Friday, 8 April 2022, was an extremely busy day for 44 undergraduate and graduate students in *Communication and Public Relations*, *Digital Media* and *Branding Campaign Management*. They left for Bucharest at 6 in the morning and returned after midnight. The purpose of the trip was to meet with communication specialists in several fields of activity.



The first stop was the new and modern headquarters of the Romanian Commercial Bank, and the three interlocutors of the group of students from Brasov chose for the format of the discussions to be similar to that of the living books, namely questions and answers without a prior presentation. The two hours of discussions went by very quickly, because our hosts had different experiences, but also many projects in which they worked together. We would like to thank Claudia Opreescu (BCR CSR Expert), Fabiola Istudor (Communications Manager Teach for Romania) and Laura Plugaru (Creative Manager Permanent4 Agency).



The second part of the day's agenda took place in the same conference room of BCR, but the discussion topic moved to the field of sports marketing. One of

the specialists we met is the collaborator and friend of the students in communication, namely Lorand (Boți) Balint, Managing Director at Publics Sports and Entertainment. For the presentation, his partner was Laur Răboj (Co-creative Director at Mainstage event agency). The discussions covered various topics, such as: how to build a mascot for a sports team, tips & tricks for organizing a sports event and building a lasting relationship between sponsor and sponsored.

As to the third part of the day's agenda, the group went to the Bucharest centre and arrived on the realm of art, namely Cesianu-Racovița Palace. Our host was Alina Panico, a graduate of the Communication and Public Relations programme, now PR & Communication Director at the Artmark auction house. Amid all those art treasures, the students received plenty of advice on the steps to a solid career in communications. Since Alina was also one of the core members of the first Student Show team, the current members were inspired by her example and by the role of this extracurricular project in their professional training.



The last part of the programme in Bucharest was a first for most group members. For the girls, it was the first football match they had ever seen in a stadium; and, for the boys, it was the first women's football match. To watch the match between the national women's football teams of Switzerland and Romania was to combine the relaxation with the settlement of the concepts previously presented by Boți Balint and Laur Răboj. The mascot of the national football team, Ronny, was the star of this last part of the visit that asked to be repeated as soon as possible.

Assoc. Prof. Dr. Florin NECHITA, Vice-Dean  
Faculty of Sociology and Communication

## FIRST EDITION OF THE SALES COURSE “ISELL FOR STUDENTS”

The first edition of the sales course dedicated to the students, organized by the company *Optima Solutions Services*, took place from 31 March to 13 April. Active in the BPO (business process outsourcing) industry for 11 years, Optima provides call centre services for the sales departments of mid-sized businesses in telecommunications, banking and utilities sectors.



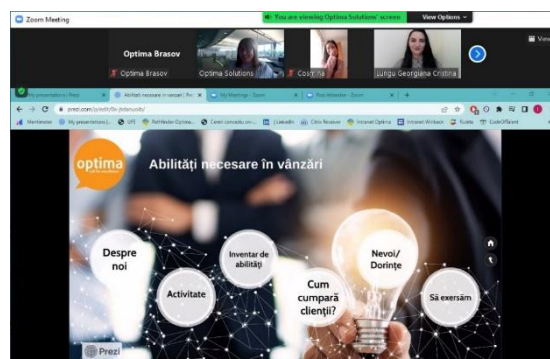
Optima Solutions Services is the place where communication skills, negotiation techniques and promoter skills are at home, but also the place where all this can be learned, developed and improved.

The event “iSell for Students” aimed at familiarizing the students with the business environment and the requirements of the labour market, by offering some workshop-type modules in the field of sales. The programme included three interactive modules, which took place in the first edition both online, on the Zoom platform, and physically, at Colina Campus. The modules lasted an average of 120 minutes, which were full of energy and transferable knowledge in several fields. Students at several faculties, such as Sociology and Communication, Letters and Economic Sciences and Business Administration, attended the workshops.

The first module took place online, on 31 March, and was dedicated to the skills needed in sales. The participating students were initiated in this field and found out the necessary skills of a good salesperson. They were also explained how the customers buy, but also how to identify their needs and wants.

The second online module, held on 7 April, focused on an important and decisive objective in the field of

sales, namely the presentation of the main sales techniques, but also on the most used negotiation strategies.



The host of the last “iSell for Students” module was Assoc. Prof. dr. Florin Nechita, Vice-Dean of the Faculty of Sociology and Communication. Held on Colina Campus, in W Building, on 13 April, the third module targeted the stages of the sales process and gave a boost to the attending students through many hands-on exercises.



In addition to developing their knowledge in sales and negotiation, the students had the opportunity to discover talents they were not aware of and to strengthen their CV with the high-quality training given by the Optima Sales specialists and attested to through the certificates of participation.

More “iSell for Students” editions to come! Stay tuned!

Andreea Alexandra VINTILĂ, graduate student  
Brading Campaign Management  
Faculty of Sociology and Communication  
Senior HR Consultant – Optima Solutions Services

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## TAJNIC TRIO | OPEN SOURCE



On Sunday, 17 April 2022, the Multicultural Centre hosted a new event of the Chamber Jazz series at: *Open Source*, a concert performed by the Tajnic trio (Albert Tajti – piano, Iulian Nicolau – drums, Florian Nicolau – bass).

Pianist Albert Tajti, bassist Florian Nicolau and drummer Iulian Nicolau met and developed a beautiful friendship while working together on *The Jam Community* and, for more than five years, they have been collaborating in various formulas on the Romanian jazz music scene. *Open Source* offers a medley of their own compositions with jazz, funk influences and contemporary music, complemented by spontaneous compositions.

Composer and jazz pianist, Albert Tajti has been on the stages of cultural events for 10 years, alongside some of the greatest musicians and performers. A graduate of the National University of Music, Faculty of Musical Performance, Iulian Nicolau won the 3<sup>rd</sup>

prize at the *New Jazz Performers* competition within the Bucharest Jazz Festival 2018. The artistic meetings with Borislav Petrov, Cătălin Milea and Alex Man opened his horizons to the universe of improvised music and jazz, which he is still fond of.

Florian Nicolau has been part of numerous projects as an instrumentalist, co-producer and composer. He addressed a variety of musical styles, such as progressive rock, jazz fusion, classical, symphonic, electronic and synth pop, and participated in numerous events and festivals, both in the country and abroad, alongside established instrumentalists and artists.



The concert was followed by a free discussion, moderated by Adrian Lăcătuș, Director of the Multicultural Centre. The three guests spoke about their collaboration and the friendship that binds them, but also about the music they chose to play – a dialogue spontaneously developed from some pre-existing elements/themes.

Anca PAPANA  
Multicultural Centre of Transilvania University

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## ROLAND PANGRATI | THE MOON GLOWS THE SAME

The opening of the exhibition *The Moon Glows the Same*, curated by dr. Cristina Simion, took place on Saturday, 30 April 2022. The opening was honoured with the presence of Roland Pangrati and of the composer Eugen Dan Drăgoi who composed the seven musical themes that accompany the ReSonance series.



Roland Pangrati's solo exhibition project, *The Moon Glows the Same*, reflected the artist's preoccupations for exploring the connection between people and nature, between bodies and the Earth, as well as his research influenced by the philosophy and art of the Far Eastern, and related to representations of nature. The visitors were welcome in a multi-sensory and synesthetic world.

The title of the exhibition originates in a haiku of the Japanese poet Basho: *The Moon glows the same./ It is the drifting cloud forms/(that) make it seem to change.*

Pangrati's artistic vision, developed and refined over time and for which he received numerous awards and acclaim, especially in the Far East (Japan, Korea), illustrates the allegory of a world freed from the pressures and limitations inherent in a

technology-driven society. His style, on the border between the figurative and the abstract, influenced by Eastern integrative worldviews and their techniques, can also be seen as a bridge between two very different ways of life and societal values.

The paintings are made with acrylic, gold, silver and copper on paper, and mounted on laminated wood panels; the graphics is made with natural mineral pigments and gofun on Japanese washi paper on laminated wood panels.



The exhibition was under the patronage of the Embassy of Japan in Romania and was included in the series of events marking the 100<sup>th</sup> anniversary of the establishment of diplomatic relations between Japan and Romania.

The exhibition was open to the public until 27 May 2022.

Anca PAPANA  
Multicultural Centre of Transilvania University

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## "HAVING A TALK WITH..." OANA BOTA AND ROXANA STOICA AT RADIO CAMPUS TRANSILVANIA



On 7 April 2022, the radio show "Having a talk with..." within *Radio Campus Transilvania*, had as guests Lect. dr. Oana Alina Bota, coordinator of the Career Counselling and Guidance Centre (CCOC) within Transilvania University of Braşov, and Roxana Stoica, a psychologist within the centre. The main topic of discussion was the importance of psychological counselling, but also the activities and events held at CCOC. Volunteering, even within the Career Guidance and Counselling Centre, can be a modality through which you can develop on multiple levels, moreover, it can be a real starting point in your future career. The opportunities have always existed, but the involvement and desire to evolve depends on each individual.

Let's find out more! Psychological counselling is a process that takes place in a safe and comfortable environment, which ensures your confidentiality,

where, together with a specialized therapist, you will explore a certain problem and develop a plan to overcome it; you will learn how to better manage your stress and to reduce inappropriate behaviours; you will find solutions to get out of a crisis; you will be able to operate better in every way. Psychological counselling aims to facilitate personal and interpersonal functioning. This process focuses on emotional, social, vocational, educational and health and developmental aspects.

Psychological counselling can be beneficial if you want to improve a specific aspect of your life, if you need feedback and guidance on a specific matter, or if you are generally satisfied with your life and relationships and are looking to work on a point problem. Unlike individual psychotherapy, psychological counselling usually addresses a specific problem, working over a shorter period of time. People usually resort to a psychological counsellor to overcome the difficulties in managing stress, to improve relationships or to make changes in their lifestyle.

Arina-Codrina TACU,  
Radio Campus Transilvania  
3<sup>rd</sup>-year student, Communications and Public  
Relations

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## “HAVING A TALK WITH ...” ALEXANDRA GRANCEA AT RADIO CAMPUS TRANSILVANIA

Through the project *Radio Campus Transilvania* we always succeed in highlighting the most beautiful and interesting topics that target and attract students and not only them.



One of the most broadcast shows is, without a doubt, “Having a talk with...”, a radio show format through which we want to invite the officials of Transilvania University of Braşov and other personalities from different fields of activity who have special achievements.

On 14 April 2022, *Radio Campus Transilvania* had as a guest Alexandra Grancea, expert in internships within the project “Performance through Practical Education”. We discussed the importance of internship programmes for students and of identifying the goals for career counselling and guidance. During this period of life, students acquire the experience that will make them more confident in their own abilities and they will learn, apart from things specific to the workplace, about time management, discipline, effective communication, logical and critical thinking.

Here are some important advantages that can lead you to enroll in an internship:

- during the internship, when faced with the challenge of achieving the objectives imposed

by the organization in which he works, the student gets to know his/her skills much better.

- the opportunity to start a career and create a professional network. When a student joins a company, the people s/he works with will look at him/her as a colleague, as a person who will make his/her contribution to the common success, and if the trainee proves that s/he can become useful in that gear, the employer will be able to consider him a long-term asset.
- the acquisition and development of applied professional skills, such as teamwork, the chance to gain real professional experience and, finally, to obtain a permanent job in the chosen field of work.

In addition, through these internship programmes, employers have the opportunity to attract valuable young people to their company, whom to train, mentor and then hire permanently. Selecting a recent graduate in an internship programme requires responsibility, orientation to learning and improvement, and openness to acquiring new professional skills.

Considering the essence of the internship, we conclude that its role in training a future specialist is determined by the students’ involvement in concrete professional activities, the development of creative thinking through the application of theoretical knowledge, the maximization and expansion of knowledge, distinguishing the characteristics of the chosen profession.

Arina-Codrina TACU,  
Radio Campus Transilvania  
3<sup>rd</sup> year student, Communication and Public  
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## “HAVING A TALK WITH...” THE VOLUNTEERS AT RADIO CAMPUS TRANSILVANIA

*Radio Campus Transilvania* has recently conducted a new recruitment process. For this, we took into account several aspects specific to the activity of a radio station.



Accordingly, a candidate should meet the following requirements:

- to have a pleasant voice;
- to be up to date with all the news and like to create journalistic materials;
- to have knowledge in graphic design;
- to be communicative and to work well in a team.

In order to better understand the meaning of the word “volunteer”, we tried to find out what its etymology is and we discovered that one variant is found in Latin: “voluntarius”, and the other in French: “volontaire”, and it refers to people and their manifestations. “Volunteer” means, according to the explanations in DEX – “acting voluntarily, on

one’s own initiative, not consciously forced by anyone; (about actions) that are done voluntarily, without coercion”. Of all the types of informal and non-formal learning, volunteering is the most complex way to learn, develop and share what you learn. That’s what we succeed in doing here at *Radio Campus Transilvania!*

The benefits of volunteering are countless. From internal development, an improvement in communication and organizational skills, a boost of self-confidence and better critical thinking, to an external development, a better relationship with those around us. In addition, it is a source of professional experience. I have learned that not everything that is information is “for sale”.

Furthermore, from the volunteer activity I have also learned what responsibility really means. When you are part of a team, you come to realize that the way you carry out your tasks directly affects the work of the whole team.

I conclude by saying that volunteering is based on what we call experiences. Through volunteering we accumulate knowledge and skills that we will later put into practice. Volunteering is about life experiences with and about people.

Arina-Codrina TACU,  
Radio Campus Transilvania  
3<sup>rd</sup>-year student, Communication and Public  
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## GRADUATES WE TAKE PRIDE IN - MIHAI ALEXANDRU CONSTANTIN



Mihai Constantin graduated from the *Psychology* Bachelor's degree programme of the Faculty of Psychology and Education Sciences, within Transilvania University in Braşov in 2015. During the student period, by combining his skills in computer science and his passion for research, together with several colleagues he submitted several prize-winning papers to student scientific sessions. Two of them were published in *Yearbook of Student Scientific Research of Transilvania University of Braşov* (2016) and in *Romanian Journal of Experimental Applied Psychology* (2014). In his dissertation, he described the experimental research conducted on a topical issue: *Enhancing working memory using the method of places: The classic and the modern paradigm*.

During the student period, he was actively involved in several projects: *My Faculty* (financed by Transilvania University of Braşov, 2014), *Student Show* (2013-2015), *Career Days* (2014, 2015), *PSI Week* (2013). For his leadership qualities, he was elected student representative in the Faculty Council and in the Senate of Transilvania University in Braşov.

He attended a research master's programme at Tilburg University, Netherlands (2016-2018) in the field of applied psychometrics for the assessment of individual differences, during which he also worked as a research assistant at that university. His dissertation topic was *Sample Size*

*Recommendations for Estimating Cross-Sectional Network Models*.

Since 2018, he has been a doctoral student at Tilburg University, in the Department of Methodology and Statistics (MTO) within the School of Social and Behavioral Sciences (TSB). MTO is part of *The Inter-University Doctoral School of Psychometry and Sociometry (IOPS)*, an advanced research and training institute in the field of psychometrics and sociometrics, bringing together researchers from Leiden University, University of Amsterdam, University of Groningen, Twente University, Tilburg University, Utrecht University and KU Leuven.

Mihai Alexandru Constantin is currently completing his doctoral thesis in the field of methodology and statistics with the theme *A General Framework for Power Analysis*. In parallel with the research activity, he gives courses in psychometrics, network analysis, latent variable modelling, programming and development of statistical packages in the R language or actively participates in other courses in statistics, academic writing, etc. at the universities of Tilburg, Amsterdam, Freiburg, Leuven and Leiden.

If, in the fall of 2012, at the beginning of his undergraduate studies, Mihai was a promising student, ten years later, the expectations of his former teachers and colleagues were more than fulfilled. Today he trains himself and works at the intersection of psychology, psychometrics and computational statistics, being a supporter of *open-science* and *open-source*.

Personal qualities, hard work, ambition and the motivation for self-realization have produced remarkable results over the years. For UNITBV students, Mihai Alexandru Constantin is a model of academic career, from undergraduate to doctoral studies, a graduate that Transilvania University of Braşov is proud of.

Prof. dr. Marcela Rodica LUCA

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## IN MEMORIAM - PROF. UNIV. ENG. ION COȘEREANU



Prof. dr. Eng. Ion Coșereanu was born on 11 December 1903, on Moldavian realms, in Piatra Neamț, in the beautiful land of Neamț, where he grew up and graduated from high school. As a pupil and then as a student, he stood out as an active contributor to the Gazette of Mathematic in Bucharest, Timișoara and Buenos Aires.

In 1927, he graduated from the Polytechnic School of Timișoara. In 1944 he was appointed Director of the Cell Factory at IAR Brașov, and from 1948 he worked on the reorganization of the factory, in order to manufacture tractors.

In parallel, from 1949, he worked at the newly established Institute of Mechanics of Brașov; and, from 1952, he became the Head of the Department of Mechanics and Strength of Materials, receiving at the same time the position of Vice-Dean, which he occupied until 1956.

From 1953, he was promoted as Professor in the field of *Strength of Materials*, a position in which he conducted his activity until his retirement in 1970, when he became a consultant professor, contributing to the training of over 20 classes of engineers. The establishment of the chair of *Strength of Materials* was due to his competence and efforts.

He had published in France, Paris, since 1931, then in Germany - Dresden, in Russia - Moscow, as well as in the country. Worthy of note is his contribution to the Mechanical Engineer's Manual, 1959–1960 edition, Bucharest Technical Publishing House *Mechanical Engineer's Manual*, edition 1959–1960, Bucharest Technical Publishing House.

Lect. Janos TIMAR  
Faculty of Mechanical Engineering

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