



Transilvania
University
of Brasov

NEWSLETTER

No. 111 July 2021

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2021 VALEDICTORIANS' GALA

On Thursday, 24 June 2021, at "Sergiu Chiriacescu" Aula of Transilvania University, in a festive setting and in all 18 deans' presence, the 2021 valedictorians were awarded, more specifically the BA students who obtained the highest multi-year average grade within the faculty which each of them graduated from.



The Rector of Transilvania University of Braşov, Prof. Dr. Eng. Ioan Vasile Abrudan, the Vice-Rector for students and the relation with the economic and socio-cultural environment, Prof. Dr. Eng. Daniel Munteanu, but also the faculty deans expressed their appreciation for the awarded students' performances and education, congratulating both them and their parents.

The 2021 valedictorians of Transilvania University of Braşov were: Titus Andrei Calen - Faculty of Mechanical Engineering, Bogdan Ionuţ Popa - Faculty of Technological Engineering and Industrial Management, Mariana Dani and Elena Simona Ivan - Faculty of Materials Science and Engineering, Andreea Bianca Popescu and Lucian Alexandru Tarbă - Faculty of Electrical Engineering and Computer Science, Adelin Ionuţ Nicorescu - Faculty of Silviculture and Forest Engineering, Ioana Ispas - Faculty of Furniture Design and Wood Engineering, Emilia Kollo - Faculty of Civil Engineering, Florentina Cătălina Florea - Faculty of Food and Tourism, Mădălina-Georgiana Statache - Faculty of Product Design and Environment (average grade 10), Bogdan Cristian Anghelina - Faculty of Mathematics and Computer Science (average grade 10), Ana Maria Mocanu - Faculty of Economic Sciences and Business Administration, Elisabeta Haghel - Faculty of Psychology and Education Sciences, Estera Mihaela Constantin - Faculty of

Education and Mountain sports, Diana Georgiana Ichim - Faculty of Music (average grade 10), Alexandru Alexandrescu - Faculty of Medicine, Maria Elena Şucată - Faculty of Letters, Georgiana Alexandra Apetri - Faculty of Law, Cristina Nicoleta Ioana - Faculty of Sociology and Communication.

In an atmosphere filled with positive emotion, each award-winning student expressed his/her gratitude to both professors and loved ones, as well as his/her forward-looking thoughts.



The students - valedictorians received from the university prizes in objects and 1,000 RON each.

During the same festivity, Transilvania Excellence Scholarship (worth 3,000 RON) was awarded to Roxana Gall, a student at the Faculty of Furniture Design and Wood Engineering, for outstanding extracurricular activities; moreover, the authors of the most valuable papers presented at their faculties during the Student Scientific Circles Session - 2021 were awarded, too.

We are sure that the 2021 class of Transilvania University includes other equally deserving students and we pride ourselves on our graduates.

Good luck to all in the future!

Prof. Dr. Eng. Daniel MUNTEANU – Vice-Rector

TRANSILVANIA UNIVERSITY OF BRAȘOV, FOR THE FIRST TIME IN QS WORLD UNIVERSITY RANKINGS



Transilvania University of Brașov was included for the first time in QS World University Rankings. The 2022 edition of the rankings features the most prestigious universities all over the world. Among the 1,300 higher education institutions worldwide, there are also 11 Romanian universities. Babeș-Bolyai University of Cluj-Napoca, the West University of Timișoara and the University of Bucharest are the leading Romanian institutions in the list of Romanian universities included in the 2022 edition of QS World University Ranking, being found on the 1001st-1200th places in the top worldwide. Eight other universities, including Transilvania University of Brașov, are ranked 1201st-1300th in the top.

The indicators considered in establishing the rankings were: Academic Reputation (40%), Employer Reputation (10%), Faculty/Student Ratio (20%), Citations per Faculty (20%), International Faculty Ratio (5%), International Student Ratio (5%).

The rankings have been led for more than ten years by Massachusetts Institute of Technology. Oxford University ranks second, whereas Cambridge University and Stanford University are tied on the third place.

Rank	University	Overall Score
1001-1200	Babeș-Bolyai University @ Cluj-Napoca, Romania	4 QS Stars
1001-1200	Universitatea de Vest din Timișoara / West... @ Timișoara, Romania	
1001-1200	University of Bucharest @ Bucharest, Romania	
1201+	Alexandru Ioan Cuza University @ Iași, Romania	
1201+	Lucian Blaga University of Sibiu @ Sibiu, Romania	
1201+	Stefan cel Mare University of Suceava @ Suceava, Romania	
1201+	Technical University of Cluj-Napoca @ Romania	4 QS Stars
1201+	The "Gheorghe Asachi" Technical University... @ Iași, Romania	
1201+	Transilvania University of Brașov @ Romania	
1201+	University POLITEHNICA of Bucharest @ Bucharest, Romania	

The complete rankings can be consulted at: <https://www.topuniversities.com/university-rankings/world-university-rankings/2022>.

In 2021 Transilvania University of Brașov was also included in other prestigious international academic rankings, such as *Ranking Web of Universities (Webometrics)*, *Times Higher Education* under "Emerging Economies" section, *Shanghai (Global Ranking of Academic Subjects – GRAS)* by academic subjects.

In 2020 Transilvania University of Brașov registered the highest rise of a Romanian university in the international ranking *Centre for World University Rankings (CWUR)* and in the international QS ranking of universities in Emerging Europe and Central Asia. It also entered for the first time in the prestigious *Shanghai* international ranking by academic subjects and in the international ranking *Times Higher Education – Impact Rankings*.

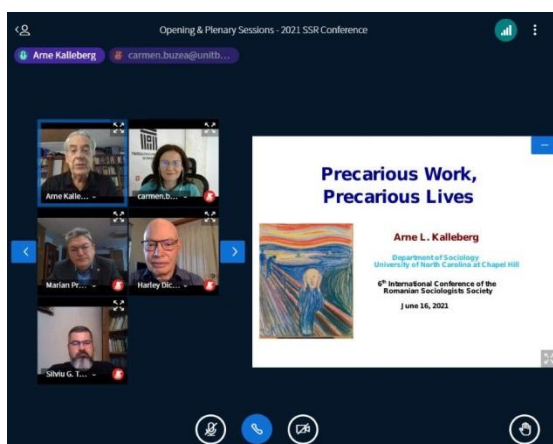
Synthesis made by Victor BRICIU,
Office of Marketing and Image

Sources: www.unitbv.ro/stiri-si-evenimente,
www.topuniversities.com

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THE INTERNATIONAL CONFERENCE OF THE ROMANIAN SOCIOLOGISTS SOCIETY IN ITS 6TH EDITION

The 6th edition of the International Conference of the Romanian Sociologists Society was organized in partnership with the Faculty of Sociology and Communication within Transilvania University of Braşov, in an online format, between 16 and 18 June 2021.

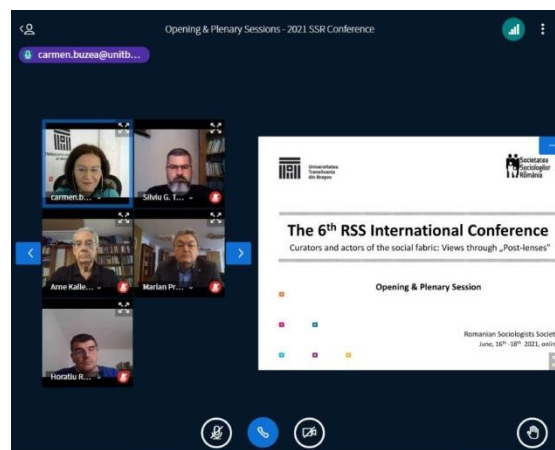


The general theme of the conference, “Curators and Actors of the Social System: Postmodern Approaches”, was the organizers’ invitation addressed to the Romanian sociologists’ community, an invitation to (self) reflection, but also a challenge to investigate recent social changes through “postmodern” theoretical lenses.

The conference began with a plenary session in which the following topics were discussed: *Precarious Work, Precarious Lives* – presentation of Prof. Arne L. Kalleberg, University of North Carolina at Chapel Hill, SUA, *Higher Education and Transformation of Modern Knowledge-Generating Systems* – presentation of Prof. Harley Dickinson, University of Saskatchewan, Canada and *International Migration for Studies and Intention to Return amongst Romanian Medical Students* – presentation of Prof. Horaţiu Rusu, Lucian Blaga University of Sibiu, Romania.

More than 90 scientific papers were presented and discussed within the 12 thematic panels, and

recent sociological studies conducted in the context of the Covid-19 pandemic were presented within the “Corona and post-Corona Society” section. Moreover, young researchers and doctoral students participated in three workshops that addressed methodological topics: multi-level analysis using R (trainer Alexandru Cernat from the University of Manchester), *mixed methods* approach in sociological research (trainer Jason Disano from the University of Saskatchewan) and qualitative data in social research (trainer Florentina Scârnci-Domnişoru from Transilvania University of Braşov).

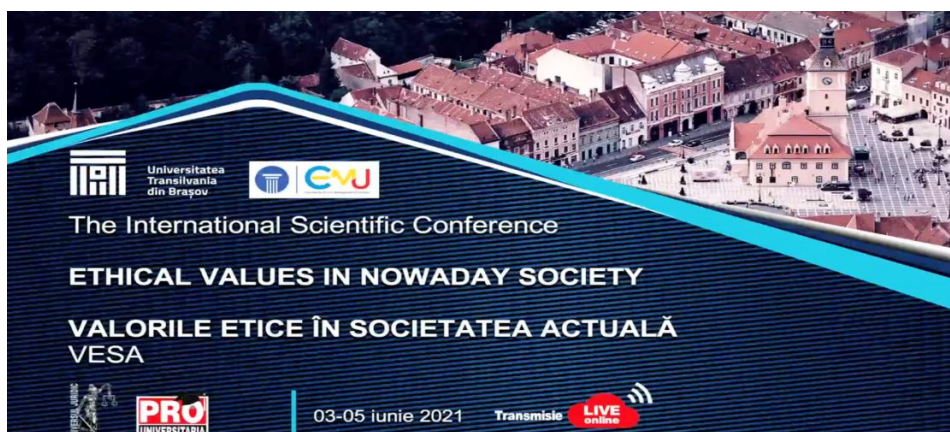


The conference ended with the invitation to participate in a collective research project conducted under the auspices of the Romanian Sociologists Society, a multi-annual project providing the opportunity to strengthen the local professional community.

Prof. Dr. Carmen BUZEA
Faculty of Sociology and Communication
President of the Romanian Sociologists Society

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THE INTERNATIONAL CONFERENCE "ETHICAL VALUES IN NOWADAYS' SOCIETY. NEW CHALLENGES AND TRENDS"



Between 3 and 5 June 2021, Transilvania University of Braşov, in partnership with the Academic Ethics and Management Council, organized the 2nd edition of the international conference "Ethical Values in Nowadays' Society. New Challenges and Trends" (VESA), marked by two other related events: launch of the *Journal of Ethics and Deontology* under the auspices of *Pro Universitaria* Publishing House within *Juridical Universe* Editorial Group, and public presentation of the principles underlying the *Reference Code of Academic Ethics and Deontology*, of the Academic Ethics and Management Council.



The organizers of the conference aimed for the debates and research on ethics, especially academic ethics, in the context of the new challenges raised by the pandemic and of new trends in the field, to combine in an interdisciplinary scientific approach, through the presented scientific papers, but also to facilitate the exchange of good inter-institutional practices between the participants in the workshops

organized with the presidents and/or members of the ethics commissions of the universities and of the legal advisers in the presence of the representatives of CEMU and CNECSTD.

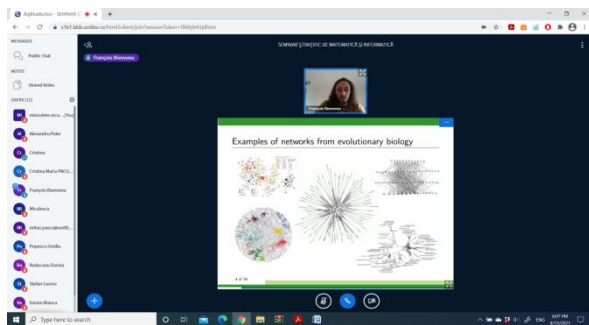
Following the line drawn from the first edition (2019), the conference is a coordinated approach in the field of academic ethics in particular, in which the dialogue at the national level, through the relevant ministries, respectively through their advisory councils - the University Ethics and Management Council (CEMU) and the National Ethics Council for Scientific Research, Technological Development and Innovation (CNECSTDI) - as well as at the level of higher education institutions through university ethics commissions, aims to identify the necessary solutions to harmonize the national legislative framework in the field.

The scientific nature of the conference also transpires in its papers; their topics are as current as necessary in today's society: ethics of professions, ethics in research and dissemination, the impact of COVID-19 pandemic on university ethics and related fields, bioethics and medical ethics.

Prof. Dr. Liliana ROGOZEA, Conference Chair
Lect. Dr. Cristina M. SALCĂ ROTARU,
Ethics Commission Chair within Transilvania
University of Braşov
Lect. Dr. Laura MANEA

SCIENTIFIC SEMINAR ON MATHEMATICS AND COMPUTER SCIENCE

Starting with 7 April 2021, the Faculty of Mathematics and Computer Science organizes the *Scientific Seminar on Mathematics and Computer Science* (SSMI) which is addressed both to the academic personnel and to students.

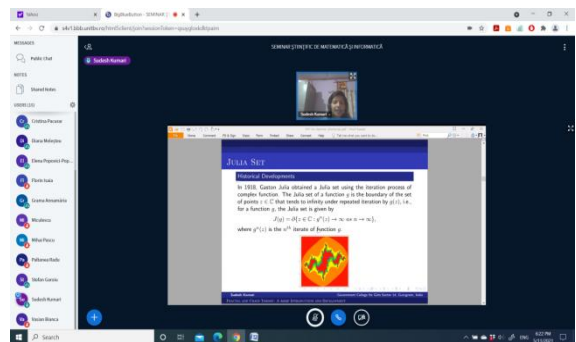


To date, the following communications have been presented at SSMI:

1. Prof. Dr. Mihai Pascu, Transilvania University of Braşov, 7 April 2021, communication entitled: *A Few Probabilistic Approaches to Analysis*;
2. Dr. François Bienvenu, Transilvania Fellowship Grant for Postdoctoral Research, 13 April 2021, communication entitled: *Random Graphs in Evolution*;
3. Assoc. Prof. Sudesh Kumari, Government College for Girls, Gurugram, India, 11 May 2021, communication entitled: *Fractals and Chaos Theory: A Brief Introduction and Development*;
4. Prof. Javad Tayyebi, Birjand University of Technology, Iran, 25 May 2021, communication entitled: *Maximum Capacity Path Interdiction Problems*;
5. Assoc. Prof. Dr. Alexandru Paler, Transilvania University of Braşov and Aalto University, Finland, 8 June 2021, communication entitled:

Translating Back and Forth between Braided and Lattice Surgery Surface Code Circuits;

6. Professor Manuel Hohmann, University of Tartu, Estonia, 16 June 2021, communication entitled: *Geometry Seminar: Finsler Spacetimes, Observer Space and Cartan Geometry*;
7. Prof. Dr. Radu Miculescu, Transilvania University of Braşov, 1 July 2021, communication entitled: *Remetrizations for Iterative Systems of Functions*.



This seminar aims to increase the research potential of the faculty's academic personnel, as well as to establish collaborations with specialists within the faculty and other universities in the country and abroad, in the fields of mathematics and computer science.

The presentations within SSMI will continue in the academic year 2021-2022.

Prof. Dr. Dorina RĂDUCANU
Assoc. Prof. Dr. Nicuşor MINCULETE
Faculty of Mathematics and Computer Science

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CHANGE BEGINS WITH ... I BELIEVE IN EDUCATION!

The need for a change in education is a sine-qua-non condition of our century. But how much do we actually want a reconfiguration?



The project "Relevant Curriculum, Open Education to All" (CRED), co-financed by the European Social Fund through the 2014-2020 Human Capital Operational Program, has taken an important step in this regard, offering a relevant number of teachers (15,000) the opportunity to develop new teaching-learning skills.



In addition to the many activities carried out in this project, there is also the series of "90 workshops".

Between May and June 2021, at the national level, the first part of 45 workshops took place. The direct involvement of the Faculty of Psychology Education Sciences was achieved through the three workshops held by Assoc. Prof. Dr. Mihaela Voinea and Assoc. Prof. Dr. Elena-Simona Indreica.

The themes of the workshops "Approach to the Didactic Scenario between Logical and Creative", "Tactile-kinaesthetic Perception and Artistic Drawing in Skills Training" and "I Feel Good at School, aimed at creating an inclusive space in the educational environment, in which each pupil feels encouraged, motivated, supported and safe, aroused a real interest among the audience consisting of school inspectors, school principals and teachers.



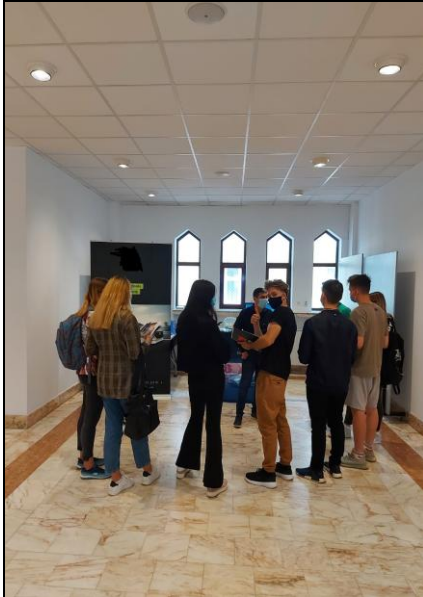
The workshop debates highlighted the participants' concern for finding ways to increase the quality of education by developing skills that ensure sustainable personal and social development: involvement, responsibility, resilience, critical thinking, trust (CRED)!

Assoc. Prof. Dr. Simona INDREICA,
Assoc. Prof. Dr. Mihaela VOINEA,
Faculty of Psychology and Education Sciences

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THE FOURTH EDITION OF THE INTERNSHIP FAIR AT THE FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

The Faculty of Mathematics and Computer Science organized the *Annual Internship Fair for Second-Year Students*, held in "Sergiu Chiriacescu" Aula of Transilvania University of Braşov, on 27 April 2021.



Several Braşov-based IT companies which presented their collaboration offers to the second-year students, participated in this internship fair.

The event was a great success, being attended by over 150 students in all study programmes: Mathematics - Computer Science, Applied Computer

Science – taught in German, Computer Science and Applied Computer Science.

The students received information about the internship stages, the internship programmes and the summer schools, they asked questions to the company representatives and in the coming period they will apply for an internship in a company.



We thank everyone for their participation and wish both students and companies a beautiful collaboration in professional terms!

Lect. Dr. Nicoleta ENACHE-DAVID

Assoc. Prof. Dr. Gabriel STAN

Faculty of Mathematics and Computer Science

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ABOUT MORNING CAMPUS 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, a favourite of our listeners, is "Morning Campus", a radio show format through which we would like to highlight elements related to the news, events and activities within Transilvania University of Braşov, and to other topics in various fields of activity.



In a last morning edition before the exam session we decided to discuss what we can do to cope with the exams, what methods to approach in order to be efficient and, last but not least, how to keep our inner balance throughout a fairly important period for all of us – the exam session. The discussions had the role and purpose of helping and shaping a way for the session to become just a stage where we accumulate information and implement new methods to make our lives easier. We laughed, we joked, we listened to good music and we enjoyed all that the student days have to offer.



Not only do we feel good on the radio, but it also shows. "What do I want today?" This should be the question we all have to ask ourselves. To radiate motivation and inspiration for those around me, to be always able to do good. I trust the power of example and I know that sometimes the motivation to do something more than the one next to you can lead you not to give up. Nevertheless, dedication and involvement in truly beautiful things make me hope for a better, more beautiful world, far beyond what we have. Beauty is in the people who build it, in sincere emotions and in unique experiences. Let us never say that it is impossible, that we will not, or that we are not available. Sometimes the momentary unavailability can be a chance that life offers to each of us. That is what happened at Radio Campus Transilvania this academic year.

And the story goes on...

Arina-Codrina TACU,
Radio Campus Transilvania
2nd-year student, Communication and Public
Relations

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ACTIVITIES TO PROMOTE THE FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Between March and June 2021, the Faculty of Mathematics and Computer Science organized a campaign to promote the faculty among the 12th-grade pupils, both in the city's colleges and high schools and in the neighbouring towns:

- 13 April 2021, "Emil Racoviță" College of Natural Sciences, Braşov;
- 15 April 2021, "Andrei Şaguna" National College, Braşov;
- 20 April 2021, "Dr. Ioan Meşotă" National College, Braşov;
- 22 April 2021, "Grigore Moisil" National College of Computer Science, Braşov;
- 13 May 2021, "Radu Negru" National College, Făgăraş and "Unirea" National College, Braşov;
- 18 May 2021, "Mihai Cantacuzino" College, Sinaia and "Mihai Viteazu" National College, Ploieşti;
- 20 Mai 2021, "Octavia Goga" National College, Miercurea Ciuc;
- 25 May 2021, "Mircea Eliade" Theoretical High School, Întorsura Buzăului, and "Mihai Viteazu" National College, Sfântu Gheorghe;

These meetings were attended, on behalf of the faculty, by: Prof. Dr. Dorina Răducanu, Prof. Dr. Ovidiu Popescu, Assoc. Prof. Dr. Nicuşor Minculete, Assoc. Prof. Dr. Gabriel Stan, Lect. Dr. Nicoleta Enache-David, Assoc. Prof. Dr. Livia Sângeorzan, Assoc. Prof. Dr. Lucian Sasu, Assoc. Prof. Dr. Adrian Deaconu.

Following the presentation of the faculty's educational offer, our colleagues answered all the questions asked by the pupils regarding the study programmes; moreover, they offered additional information on the accommodation in dormitories, on the scholarship offer of Transilvania University of Braşov, on the organization of student scientific sessions, as well as further details related to the Erasmus + programme and to the relation with the economic environment.

Lect. Dr. Nicoleta ENACHE-DAVID

Assoc. Prof. Dr. Gabriel STAN

Faculty of Mathematics and Computer Science

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The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide with the following text: "Programa de studii de licență / Învățământ cu frecvență" and "Matematică informatică". The slide features four images of students in a classroom setting. The Zoom interface includes a sidebar on the left with a list of users: Stan Gabriel (You), draducanu@unitbv..., Adrian Deaconu, alex, Alexandru Plesa, Andone Alexandru, Andrei Ghiurtu, and Anghel Iarina. The top of the window shows the browser address bar with the URL "s18k3.bbb.unitbv.ro/html5client/join?sessionToken=ammds3sjeuxwfyk". The bottom of the window shows the Windows taskbar with the date and time "22/04/2021 14:05".

FAR EXHIBITION | 12 ROMANIAN PHOTOGRAPHERS OF ARCHITECTURE

On Wednesday, 23 June, the Multicultural Centre of Transilvania University hosted the opening of “FAR | 12 Romanian Architecture Photographers”, a traveling exhibition organized by igloo, with the support of the Romanian Order of Architects. The photographs on display were presented by Arch. Răzvan Dracea, the President of OAR Territorial Branch Braşov-Covasna-Harghita, Prof. Dr. Arch. Françoise Pamfil, and Arch. Adrian Ciocăzanu, Executive Director of igloo media.



FAR project captures the creation of 12 Romanian photographers and their vision on the architecture and built space, proposing a generous peek into the dimension of architectural photography – an emerging field in the Romanian cultural landscape, less known to the non-specialized public. Not coincidentally, the selected photographers are also architects: Alexandru Crişan, Cosmin Dragomir, Vlad Eftenie, Laurian Ghiniţoiu, Dacian Groza, Radu Malaşincu, Andrei Mărgulescu, Ovidiu Micşa, Vlad Pătru, Ştefan Tuchilă, Arthur Ţinţu and Şerban Bonciocat.



In parallel with the exhibition, which took place between 23 June and 1 July, two conferences were also held in the context of this event. On 25 June, the architect and photographer Vlad Pătru was the main speaker of the conference “Image (RO) – Image (EN). How much do we see from architecture?”, and on 30 June, Andrei Mărgulescu, Assist. Prof. Dr. Arch. at “Ion Mincu” University of Architecture and Urbanism – of the conference “Certainties, Dilemmas and Images”.

The exhibition also brought back to the public’s attention the album “FAR | 12 Romanian Architecture Photographers”, published in 2018 in the igloobooks collection, which includes a relevant cut-out from the mentioned photographers’ creation, as well as interviews that complete each photographer’s unique profile. The album, which can be consulted at the Multicultural Centre, contains theoretical texts signed by Augustin Ioan, Iosif Király and Dorin Ştefan, and the preface belongs to Françoise Pamfil.

Anca Papana
Multicultural Centre of Transilvania University

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THE CONCERT *ALONE TOGETHER* - ROMEO COZMA

On Saturday, 12 June 2021, the Multicultural Centre of Transilvania University hosted the last *Alone Together* event, which featured the pianist Romeo Cozma.



Watched live on Facebook by the audience loyal to the series and not only, Romeo Cozma created for them an atmosphere filled with classical, melancholic and sometimes playful notes. At the close of the performance, answering the questions asked by the Director of the Multicultural Centre, Adrian Lăcătuș, Romeo Cozma talked about the importance of intuition, mood, as well as of both place and instrument, for musical improvisation.

Alone Together consisted in a series of concerts in which six of the most representative Romanian jazz pianists performed improvising solo - perhaps the absolute expression of chamber music – and answering questions from the curator of the series, the pianist Lucian Ban, from the Director of the Multicultural Centre, Adrian Lăcătuș, or from our guests. Each recital was professionally filmed and recorded live and broadcast on the Facebook and YouTube pages of the Multicultural Centre.



Romeo Cozma started studying music at “Octav Băncilă” High School of Arts of Iași, and then attended the courses of the Faculty of Composition, Musicology, Conducting and Music Pedagogy of “George Enescu” National University of Arts. Here he specialized in composition and music pedagogy, having as Professors and mentors, among others, Vasile Spătăreanu and Sabin Pautza. Doctor in Music, Romeo Cozma is the first Romanian musician to hold a doctorate in jazz, awarded by the Conservatory of Iași. Currently a Professor at the Faculty of Performance, Composition and Music Theory Studies, Romeo Cozma was the initiator and organizer of the department of jazz and soft music within “George Enescu” National University of Arts of Iași.

Anca Papana
Multicultural Centre of Transilvania University

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