



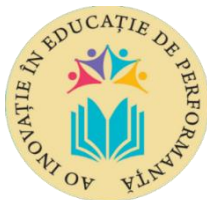
**INTERNATIONAL CONGRESS  
RESEARCH – INNOVATION – INNOVATIVE  
ENTREPRENEURSHIP  
2<sup>nd</sup> EDITION**

**PROGRAMME  
May 17-18, 2024**

**CHIȘINĂU, 2024**

## **The organizing institutions:**

*Institute for Research, Innovation and Technological Transfer of “Ion Creanga” State Pedagogical University of Chisinau, Moldova;*  
*Public Association Innovation in Performance Education;*  
*Academy of Innovative Entrepreneurship*



## **Partners:**

*Iasi University of Life Sciences, Romania;*  
*„Lower Danube”, University from Galati, Romania;*  
*University of Craiova, Romania;*  
*National University of Science and Technology Politehnica Bucharest;*  
*Institute of Chemistry of Moldova State University;*  
*Pedagogical University of Kraków, Poland;*  
*Stefan cel Mare University of Suceava, Romania;*  
*“Constantin Brancusi” University, Targu Jiu, Romania.*



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## GENERAL INFORMATION

<b>17 may 2024</b>	<b>09:30 – 10:00</b>	Registration of participants
	<b>10:00 – 10:30</b>	Welcome speech
	<b>10:30 – 13:00</b>	Plenary speech
	<b>13:00 – 14:00</b>	Lunch break
<b>17 may 2024</b>	<b>14:00 – 17:00</b>	Communications in sections

### **18 may 2024**

Approval of Congress resolution  
Cultural events

**Official languages of the Congress:** English, Romanian

#### **Presentation of communications:**

in plenary – 25 minutes

in sections – 10 minutes

### **SECTIONS:**

<b>Section 1</b>	Technology innovation in the Educational Sciences and Psychology
<b>Section 2</b>	Innovative technologies in Natural Sciences and Exact Sciences
<b>Section 3</b>	Technological Transfer and Innovative Entrepreneurship
<b>Section 4</b>	Information technologies in the educational process
<b>Section 5</b>	Environmental protection and biodiversity conservation

# THE PROGRAM OF THE CONGRESS

May 17, 2024

09:30-10:00	<p>Registration of participants</p> <p><b>Venue:</b> room 201, 5, Gh. Iablocikin st., Chisinau, Moldova, Chisinau</p> <p><b>Access Link:</b> <a href="https://us02web.zoom.us/j/82485747442?pwd=eGtMVVpEdWttOXFJbkxacS90a3dIUUT09">https://us02web.zoom.us/j/82485747442?pwd=eGtMVVpEdWttOXFJbkxacS90a3dIUUT09</a></p> <p>Meeting ID: 824 8574 7442</p> <p>Passcode: 989123</p> <p><b>Moderator:</b> <b>Diana ANTOCI</b>, University Professor, Doctor Habilitatus, Vice-rector for research, “Ion Creanga” State Pedagogical University of Chisinau</p>
<b>WELCOME SPEECH</b>	
10:00-10:10	<b>Alexandra BARBĂNEAGRĂ</b> , Associate Professor, PhD, Rector, “Ion Creanga” State Pedagogical University of Chisinau, Republic of Moldova
10:10-10:20	<b>Liviu-Dan MIRON</b> , University Professor, Doctor Habilitatus, Vice-rector of Iasi University of Life Sciences, Romania
10:20-10:30	<b>Eduard COROPCEANU</b> , University Professor, PhD, Director of the Institute for Research, Innovation and Technology Transfer, “Ion Creanga” State Pedagogical University of Chisinau, Republic of Moldova
<b>COMMUNICATIONS IN PLENARY SESSION</b>	
10:30-10:55	<b>MIRON Liviu-Dan</b> , University Professor, Doctor Habilitatus, Vice-rector of Iasi University of Life Sciences, Romania <b>Vectors and vector-borne diseases in the context of climate change</b>
10:55-11:20	<b>JAGIELSKA Katarzyna</b> , Associate Professor, PhD, Pedagogical University of Kraków, Poland <b>Planned Happenstance Theory and the career planning styles of Generation Z</b>
11:20-11:45	<b>RAKHKOCHKINE Anatoli</b> , University Professor, PhD, Friedrich-Alexander-Universität Erlangen-Nürnberg, Faculty of Humanities, Social Sciences, and Theology, Chair of Diversity Education and International Educational Research, Germany <b>Platformization in Education and eTwinning: Innovation or Standardisation?</b>
11:45-12:10	<b>SHAPRAN Yurii</b> , University Professor, Doctor Habilitatus, “Hryhorii Skovoroda” University in Pereiaslav, Ukraine

	<b>Individualization of mixed learning of higher education students in Ukraine under martial law</b>
<b>12:10-12:35</b>	<b>ANTOCI Diana</b> , University Professor, Doctor Habilitatus, “Ion Creanga” State Pedagogical University of Chisinau, Republic of Moldova; <b>MÎSLIȚCHI Valentina</b> , Associate Professor, PhD, “Ion Creanga” State Pedagogical University of Chisinau, Republic of Moldova <b>Wellbeing: Innovative Transfer in the Educational Ecosystem</b>
<b>12:35-13:00</b>	<b>COROPCEANU Eduard</b> , University Professor, PhD, Director of the Institute for Research, Innovation and Technology Transfer, “Ion Creanga” State Pedagogical University of Chisinau, Republic of Moldova <b>Synthesis and study of the useful properties of some coordination compounds with ligands containing nitrogen and oxygen atoms as electron donors</b>
<b>13:00–14:00</b>	<b>LUNCH BREAK</b>



## COMMUNICATIONS IN SECTIONS

### SECTION 1

#### Technology innovation in the Educational Sciences and Psychology

May 17, 2024, 14:00

**Venue:** room 201, 5 Gh. Iabloikin st., Chisinau, Chisinau, Republic of Moldova

**Access Link:**

<https://us02web.zoom.us/j/83827347591?pwd=UVdCdDVCbDRvNGc0SEUyNThseTZJdz09>

Meeting ID: 838 2734 7591

Passcode: 486051

**Moderators:** OVCERENCO Nadejda, Associate Professor, PhD, CSPU, R. Moldova

SCUTARU Albina, university assistant, CSPU, R. Moldova

Presenters	The title of the communication	Country
BEȘU Ana-Maria	The importance of reading in the development of prosocial behavior in young school-age students	Romania
BUTE Teodora	Developing creativity of preschoolers through integrated activities	Romania
CERNELEV Olga	Development of healthy behaviour among youth neet from the Republic of Moldova	Republic of Moldova
GUO Binghua	Technology-Enhanced Teaching Methodologies through University English Clas	China
MÂNDREANU Dana	The importance of the thematic project	Romania
MUREȘAN Delia	The anti-drug campaign: „Be awake! It's not ecstasy, its trouble”	Romania
PASCARI Valentina	The functional currentness of the adaptation of children to the school environmen	Republic of Moldova
POP Alexandrina Mirela	Innovative didactic methods used at group and their educational values	Romania
RACU Iulia	The managment of stress and its corelations at adolescents	Republic of Moldova
SCUTARU Albina	Pedagogical research – participative action	Republic of Moldova
SOLDATENKO O. I.	Use of lectures-excursions in the training of culture and art specialists in universities	Ukraine
TERENTIEVA Nataliia	The application of information technologies in the training of specialists in the field of Health Care	Ukraine
ZHOROVA Iryna, KOKHANOVSKA Olena	The influence of modern information and digital technologies on the development of teachers’ professionalism in the system of postgraduate education	Ukraine
СКОРИК Тамара	Формирование профессиональной успешности учителя искусств	Ukraine

**SECTION 2**  
**Innovative technologies in Natural Sciences and Exact Sciences**  
**May 17, 2024, 14:00**

**Venue:** room 106, 5 Gh. Iablocikin st., Chisinau, Republic of Moldova

**Access Link:** <https://meet.google.com/gct-xuya-prf?hs=224>

**Moderators:** FRANȚUZAN Ludmila, PhD, CSPU, R. Moldova

ȘEREMET Ileana Simona, PhD student, CSPU, R. Moldova

<b>Presenters</b>	<b>The title of the communication</b>	<b>Country</b>
ANDREI Gabriela	Student development through the study of mathematics	Romania
ANGHELESCU Lucica, POPESCU Luminița Georgeta, ANGHELESCU George Florin	Energy storage using the installations with heat pump	Romania
BORA Bogdan, TEODORESCU Gabriel	Experimental station for monitoring climatic parameters and radiative spectrum	Romania
BOTNARI Nina, CAZACIOCI Nadejda	SEPUP curriculum and Second Step teaching strategy – Lab Aids – innovations in scientific education	United States of America / Republic of Moldova
FRANȚUZAN Ludmila, ȘEREMET Ileana Simona	Creative learning a response to societal challenges	Republic of Moldova
JIAN Mariana, SOLOMON Oleg, MOSTOVEI Andrei, MOTELICA Ludmila, OPREA Ovidiu Cristian, COBZAC Vitalie, FICAI Anton, NACU Viorel	Complexul ombilico-placentar – sursă de colagen pentru aplicații în chirurgia oro-maxilo-facială	Republic of Moldova
NEAGU Marieta	Development of research/investigation competence through the elaborate methodology based on the pedagogical model	Romania
RĂDULESCU Constanța, GHIMIȘI Ștefan Sorinel, RĂDULESCU Laurențiu Petre	Determination of the geometric and constructive elements for the gear wheels of a belt conveyor used in the field of medical devices	Romania

ȚÂNCULESCU Elena-Camelia	Using the Wordwall platform in biology lessons	Romania
VLĂDESCU Maria Sarah	The evolution of biophilic design: ai's impact on architectural innovation	Romania
YATSENKO Volodymyr	Pedagogical experience of applying innovative technologies in natural sciences in wartime	Ukraine

### SECTION 3

## Technological Transfer and Innovative Entrepreneurship

**May 17, 2024, 14:00**

**Venue:** room 108, 5 Gh. Iabloikin st., Chisinau, Republic of Moldova

**Access Link:** <https://meet.google.com/xao-qknc-bey>

**Moderators:** STRATAN Victoria, PhD, CSPU, R. Moldova

MAGU Elena, English teacher, first teaching degree, "Constantin Negruzzi"  
Theoretical High School Public Institution, R. Moldova

Presenters	The title of the communication	Country
BOTNARI Nina, CAZACIOC Nadejda	Teaching science model in the light of SEPUP curriculum and Lab Aids strategy	United States of America / Republic of Moldova
BUCȘA Maria	Exploring the impact of interdisciplinary collaboration in innovative entrepreneurship: an analysis of strategies and outcomes	Republic of Moldova
CAZACIOC Nadejda, LAZAREV Veronica	Practical models of developing multiple intelligences in chemistry through STEAM education	Republic of Moldova
CAZACIOC Nadejda, VEVERIȚĂ Ala	The impact of STEAM education and integrated learning of biology and chemistry on student competency development	Republic of Moldova
CIOBANU Natalia, MACAEV Fliur	Selection of the optimum method for the synthesis of dihydropyrimidin-2-ones (thiones) using various biocatalysts	Republic of Moldova
CIOBÎCĂ Paula Tamara, BUCȘA Maria	Educational innovation in high school education: the role of visible learning in the cultivation of entrepreneurial skills in students	Republic of Moldova
MAGU Elena	"Delivering innovation" – cross-border educational project oriented to foster a culture of innovation and entrepreneurship	Republic of Moldova

PROHOR Inga	"Green Food" school company	Republic of Moldova
TĂTAR Alexandru Marius	Model of parking space planning in the city	Romania

**SECTION 4**  
**Information Technologies in the Educational Process**  
**May 17, 2024, 14:00**

**Venue:** room 210, 5 Gh. Iablocikin st., Chisinau, Republic of Moldova

**Access Link:** <https://meet.google.com/ocg-kuys-fuf>

**Moderators:** **MUNTEANU Tamara**, Associate Professor, PhD, CSPU, R. Moldova  
**GUȚU Ludmila**, Deputy Director, english teacher, first didactic degree,  
"Constantin Negruzzi" Theoretical High School Public Institution,  
R. Moldova

<b>Presenters</b>	<b>The title of the communication</b>	<b>Country</b>
DULGHERU Alina Simona	Educational tehnologies applied to preschoolers	Romania
CĂLINA Denis-Lucian	Learning through games in education using some educational tools: psychological implications and effective methods	Romania
BONCEA Adrian, IONIȚĂ-NICULESCU Alexandra	Reducing e-waste through reutilization of electronic devices. A case study on the sharp brain pw-g5200 electronic dictionary	Romania
IURCU Ina, GURMEZA Inga	Connect the world: discover computer networks	Republic of Moldova
IURCU Ina, GURMEZA Inga	Stories from inside the box: exploring computer components	Republic of Moldova
GUȚU Ludmila	Assessing digital tools in the context of evaluating teachers' and students' proficiency in digital standards for primary, middle, and high school	Republic of Moldova
HRECIUC Elena Matroana	Application for integrated STEAM learning through Augmented Reality	Romania
ROYA Anvari	Exploring the Impact of AI Adoption in Recruitment on Positive Organizational Shock and Career Development: The Moderating Role of Family Support and Emotional Intelligence	Georgia

**SECTION 5**  
**Environmental Protection and Biodiversity Conservation**  
**May 17, 2024, 14:00**

**Venue:** room 218, 5 Gh. Iabloikin st., Chisinau, Republic of Moldova

**Access Link:** <https://meet.google.com/fgo-iccu-qhq>

**Moderators:** **CHIRIAC Elena**, PhD student, CSPU, Romania

**CAZACIOC Nadejda**, university assistant, CSPU, R. Moldova

<b>Presenters</b>	<b>The title of the communication</b>	<b>Country</b>
ABHISHEK Pandey, RAMESH V.	Farming in the Digital Sky: Cloud-Based Approaches for Sustainable Agriculture	India
APETROAEI Manuela-Rossemay, SAMOILESCU Gheorghe, NEDELCU Andra, PAZARA Tiberiu	Significance of bioindicators in evaluating pollution factors on the romanian black sea coast: a minireview	Romania
CAZACIOC Nadejda, COROPCEANU Eduard, MOCAN Anatol	The ecological audit of underground waters in the village of Taraclia, Căușeni district	Republic of Moldova
CHIRIAC Elena	Environmental education and the training of ecological culture in primary education – questionnaire for teachers	Romania
DRĂGĂNESCU Crina Adriana, GEORGESCU Mircea	Environmental impact assessment related by energy sector in rovinari mining area	Romania
MIHĂLICĂ Oana Nicoleta	Using the social interaction strategy in organizing the education of preschoolers	Romania
MLENDEA Delia Elena	Current ecological ethics	Romania
NEAGU Gelu	The 21st century society and its sound ecotopes	Romania
SAVIN Irina Isabella	Waste water treatment	Romania
ȚÎȚEI Victor	Cultivars of new and non-traditional plant species of high potential as fodder, honey and energy crops created at the National Botanical Garden (Institute) „Alexandru Ciubotaru” of the State University of Moldova	Republic of Moldova
VULPE Carmen Rodica	Circular economy in the context of food waste reduction	Romania

**May 18, 2024**

**10:00-11:00 Approval of the Congress resolution**

**11:00-18.00 Cultural events**