

MINISTRY OF EDUCATION AND RESEARCH OF THE REPUBLIC OF MOLDOVA
„ION CREANGA” STATE PEDAGOGICAL UNIVERSITY OF CHISINAU, MOLDOVA



PROGRAM
INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE
„EDUCATION THROUGH RESEARCH FOR A PROSPEROUS SOCIETY”
10th EDITION

March 18-19, 2023



CHISINAU, 2023

SCIENTIFIC COMMITTEE

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ORGANIZATIONAL COMMITTEE

Diana CHIŞCA, Chairman, Associate Professor, PhD, CSPU

Boris NEDBALIUC, Associate Professor, PhD, CSPU

Sofia GRIGORCEA, Associate Professor, PhD, CSPU

Lora MOŞANU-ŞUPAC, Associate Professor, PhD, CSPU

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Tatiana CÂRLIG, Associate Professor, PhD, CSPU

Eugenia MELENTIEV, Associate Professor, PhD, CSPU

Lilia BRÎNZĂ, Associate Professor, PhD, CSPU

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Vasile LOZOVAN, University lector, doctor, CSPU

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Daniela PLACINTA, University assistant, CSPU

Natalia ROTARI, PhD student, UPSC

Nadejda CAZACIOC, University assistant, CSPU

Elena COŞCODAN, Postgraduate student, CSPU

Ghenadie CHIRIAC, Postgraduate student, CSPU

March 18, 2023

9:15 – 10:00	Connecting participants online: https://us02web.zoom.us/j/85948023705?pwd=UDM4aWV6YkNUbEVVZHNpOXITUGV0UT09 Meeting ID: 859 4802 3705 Passcode: 463015
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PLENARY SESSION OF THE CONFERENCE

10:00 – 12:00

Access link:

<https://us02web.zoom.us/j/85948023705?pwd=UDM4aWV6YkNUbEVVZHNpOXITUGV0UT09>

Meeting ID: **859 4802 3705**

Passcode: **463015**

Moderator:

Moderator: Diana ANTOCI, Associate Professor, Doctor Habilitatus, Vice-rector for research, “Ion Creanga” State Pedagogical University of Chisinau

Greeting word:

Alexandra BARBĂNEAGRĂ, Associate Professor, PhD, Rector of “Ion Creanga” State Pedagogical University of Chisinau

Cezar Ionuț SPÎNU, University Professor, PhD, Rector of University of Craiova, Romania

Eduard COROPCEANU, University Professor, PhD, Director of IRITT, “Ion Creanga” State Pedagogical University of Chisinau

Plenary communications

10:20 – 10:45

Dorica BOTAU, University Professor, Doctor Habilitatus, University of Life Sciences “Regele Mihai I” of Timisoara

OBTAINING, TESTING AND VALUATION OF SOME VEGETABLE EXTRACTS FROM MEDICINAL SPECIES

- 10:45 – 11:10 ¹**Corneliu COJOCARU**, ²**Victor CIORNEA**, ¹PhD, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania; ²PhD, “Ion Creanga” State Pedagogical University of Chisinau
REMOVAL OF NITRITE IONS FROM CONTAMINATED WATERS BY A HYBRID ADSORPTION-ULTRAFILTRATION PROCESS
- 11:10 – 11:35 **Andrey DAVIDENKO**, University Professor, Doctor Habilitatus, University of Chernigov, Ukraine
PROBLEMS OF THE IMPLEMENTATION OF THE EDUCATIONAL PROCESS IN NATURAL-MATHEMATICAL DISCIPLINES IN
- 11:35 – 12:00 **Roman CROITOR**, doctor, Université Aix-Marseille, CNRS, Maison méditerranéenne des sciences de l’homme, Aix-en-Provence, France
IMPLICATION OF DATA ANALYTIC METHODS IN BIOGEOGRAPHIC RESEARCH: THE CASE OF FOSSIL DEER FROM WESTERN PALEARCTIC

WORKS IN SECTIONS

The section I

CURRENT ACHIEVEMENTS IN CHEMISTRY AND ENVIRONMENTAL PROTECTION

Coordinator: **Ion ARSENE**, Associate Professor, PhD, CSPU

Access link: <https://meet.google.com/vvw-jshp-ain>

Moderators: **Ion ARSENE**, Associate Professor, PhD, CSPU
Victor CIORNEA, Associate Professor, PhD, CSPU

Communication:

Time	Presenters	The title of the communication
12:30-12:45	Anastasia VERDEȘ Elena GORINCIOI Fliur MACAEV	PREPARATION OF BIOLOGICALLY ACTIVE CHIRAL MONASTROL BASED ON AN ENVIRONMENTALLY CONVENIENT SYNTHETIC PROTOCOL
12:45-13:00	Dumitru URECHE Ion BULHAC Pavlina BOUROȘ	HETERO-BIMETALLIC COMPOUNDS OF Ba(II) CONTAINING <i>O,N,O</i> -DONOR LIGAND AND [Co(NCS) ₄] ²⁻ ANION
13:00-13:15	Dumitru URECHE Ion BULHAC Pavlina BOUROȘ	SYNTHESIS AND STRUCTURE OF A Mn(II) BINUCLEAR COMPOUND WITH DIANILINGLYOXIME AND ISOPHTHALIC ACID

13:15-13:30	Dumitru STATI	SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF A HETEROMETALLIC $\{Co_3Yb_3\}$ IZOBUTYRATE CLUSTER BASED ON N-BUTYLDIETHANOLAMINE
13:30-13:45	Dumitrița ȚAPU Elena MELNIC Diana CHIȘCA	INTERMOLECULAR INTERACTIONS IN ORGANIC COCRYSTALS OF 2-NITROTERYPHTHALIC ACID AND DIFFERENT PYRIDINIC LIGANDS
13:45-14:00	Ecaterina BELEAEV	EVALUATION OF INTERMOLECULAR HYDROGEN BONDS IN MULTICOMPONENT COMPOUNDS OF $[Co(NH_3)_6]^{3+}$ WITH 3-SULFOBENZOIC ACID BY HIRSHFELD SURFACE ANALYSIS
14:00-14:15	Ion ARSENE Viorica PURCEL	DFT STUDY OF THE MECHANISM OF THE CONDENSATION REACTION OF 3-PYRIDINECARBOXALDEHYDE WITH p-AMINOBENZOIC ACID
14:15-14:30	Iolanta BĂLAN Mihail GORBACIOV Natalia GORINCIOI	PSEUDO JAHN-TELLER EFECT IN THE TRANZISION STATE OF THE DOUBLE PROTON TRANSFER IN THE FORMIC ACID DIMER
14:30-14:45	Ioana BĂBĂRUȘ Ionuț-Julian LUNGU Dr. Alina ȘTEFANACHE	GEOCHEMICAL CHARACTERISATION OF ROMANIAN THERMAL WATER
14:45-15:00	Lucian LUPASCU Oleg PETUHOV Tudor LUPASCU	STUDY OF THE ADSORPTION OF <i>BACILLUS SUBTILIS</i> BACTERIA AND <i>CANDIDA ALBICANS</i> FUNGUS ON ENTEROSORBENTS OF DIFFERENT VEGETAL ORIGIN
15:00-15:30	COFFE BREAK	
15:30-15:45	Lucian LUPASCU Fliur MACAEV Galina LUPAȘCU	THE USE OF VINYL-TRIAZOLE COMPOUNDS IN THE PROTECTION OF COMMON WHEAT FROM ROOT ROT
15:45-16:00	Maria COCU Paulina BOUROSH Victor KRAVTSOV Olga DANILESCU Ion BULHAC	MONONUCLEAR NICKEL(II) AND COPPER(II) COORDINATION COMPOUNDS WITH SCHIFF BASE LIGAND DERIVED FROM ACETYLACETONE S-METYLIISOHTIOSEMICARBAZONE AND QUINOLINE-8-CARBALEDEHYDE
16:00-16:15	Maria SANDU Anatol TARIȚĂ Elena MOȘANU	THE WATER QUALITY INDEX FROM THE RIGHT TRIBUTARIES OF THE DNISTRO RIVER
16:15-16:30	Mikhail GORBACHEV Natalia GORINCHOY Iolanta BALAN Ion ARSENE	SOME PHYSICOCHEMICAL PROPERTIES OF SHORT CHAIN n-ALKANES CAUSED BY THEIR SPECIFIC MOLECULAR ORBITALS
16:30-16:45	Natalia GORINCHOY Iolanta BALAN Ion ARSENE	Theoretical study of the MOST STABLE ISOMERS OF THE IO_3^- and HIO_3 MOLECULES
16:45-17:00	Nicoleta CRACIUN Elena MELNIC Diana CHIȘCA	HIRSHFELD SURFACE ANALYSIS. THE INVESTIGATION OF INTERMOLECULAR INTERACTIONS IN A CRYSTAL OF IONIC COMPOUND OF 2,4-DIAMINO-6-PHENYL-1,3,5-TRIAZINE AND MALONIC ACID
17:00-17:15	Olga DANILESCU Lilia CROITOR	2,6-DIACETILPYRIDINE DIHYDRAZONE LIGANDS – CHEMOSENSORS FOR Cd^{2+} DETECTION

	Ion BULHAC Paulina BOUROȘ Olga KULIKOVA	
17:15-17:30	Raisa LOZAN Anatolie TĂRÎȚĂ Maria SANDU Elena MOȘANU Anna COMARNIȚCHI	INTERRELATION AIR QUALITY AND SOLID ATMOSPHERIC DEPOSITS (CASE STUDY)
17:30-17:45	Vily Marius CIMPOIAȘU Ion PĂLĂRIE George BRĂTULESCU	THE SPECTROSCOPICAL STUDY OF THERMAL ISOMERIZATION OF [4-(4-CHLOROBENZYLOXY)-3-METHYLPHENYL](<i>p</i> -TOLYL)DIAZENE
17:45-18:00	Victor CIORNEA Ion ARSENE Corneliu COJOCARU	<i>DFT</i> STUDY OF THE SPECIATION OF AQUA CHLORO COMPLEXES OF Cr(III)

The section II

BIODIVERSITY AND ECOLOGY

Coordinator: Boris NEDBALIUC, Associate Professor, PhD, CSPU

Access link: <https://meet.google.com/uwa-rejx-icg>

**Moderators: Boris NEDBALIUC, Associate Professor, PhD, CSPU
Eugenia CHIRIAC, Associate Professor, PhD, CSPU**

Communication:

Time	Presenters	The title of the communication
12:30-12:40	Alina-Adriana TUDOR	BIOCLIMATIC CHARACTERISTICS OF BRĂILA COUNTY
12:40-12:50	Anastasia PORTARESCU Corina CERTAN Nadejda GRABCO	ASSESSMENT OF THE ECOLOGICAL STATUS OF THE "RADOAIA" MEDICINAL PLANTS NATURAL RESERVE BASED OF HERBACEOUS SPECIES
12:50-13:00	АНТОН ПОЛЯКОВ	COLLECTION OF EPIPHYTIC CACTI OF THE GENUS <i>RHIPSALIS</i> GAERTN. IN NATIONAL BOTANICAL GARDEN „AL. CIUBOTARU”
13:00-13:10	Diana INDOITU	THE STRUCTURE AND DIVERSITY OF THE PROKARYOTIC COMMUNITY OF CARBONATE CHERNOZEM IN LONG-TERM FIELD EXPERIMENT WITH ORGANIC FERTILIZERS
13:10-13:20	Gabriela Adriana POPESCU	THE WONDERFUL WORLD OF MINERALS STUDY ON DIVERSITY AND PROPERTIES OF MINERALS
13:20-13:30	Elena ILINA	BIODIVERSITY AND ECOLOGY, YESTERDAY, TODAY AND TOMORROW

13:30-13:40	Ion ANDRONACHE	THE USE OF ENTROPY AND LACUNARITY IN THE ANALYSIS OF FOREST AREA DYNAMICS - CASE STUDY BRĂILA COUNTY
13:40-13:50	Ion ROȘCA Tatiana TANACHI Elisaveta ONICA Alina CUTCOVSCHI- MUȘTUC	THE MOBILIZATION AND CONSERVATION OF THE INTRASPECIFIC DIVERSITY OF THE JAPANESE DRACHILLA (<i>BERBERIS THUNBERGII</i> DC.) WITHIN THE NATIONAL BOTANICAL GARDEN (INSTITUTE) "ALEXANDRU CIUBOTARU"
13:50-14:00	Iurii LIFENCO	BIODIVERSITY OF THE COMMELINACEAE FAMILY (COMMELINACEAE MIRB.) IN THE COLLECTION OF THE NATIONAL BOTANICAL GARDEN (INSTITUTE) "A. CIUBOTARU"
14:00-14:10	Laurenția ARTIOMOV	MICROBIOMULUI SOLULUI: CONTRIBUȚII LA SERVICIILE ECOSISTEMICE
14:10-14:20	Kseniia PARAMONOVA Tatiana ALEXIOU IVANOVA Musa BAPPAH	SOME ASPECTS OF <i>HERACLEUM MANTEGAZZIANUM</i> BIOMASS APPLICABILITY FOR DENSIFIED BIOFUELS PRODUCING
14:30-14:40	Maricica COLȚUN	NEW SPECIES OF THE GENUS <i>ARTEMISIA</i> L. RESEARCHED IN THE BOTANICAL GARDEN
14:50-15:00	Melania GHEREG Nina CIORCHINĂ Maria TABĂRA	THE BIOECOLOGICAL SPECIES OF <i>LEUCOJUM AESTIVUM</i> L. (AMARYLLIDACEAE) IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
15:00-15:30	COFFE BREAK	
15:30-15:40	Mihai MOLNAR Marinela FILIP	THE EUROPEAN UNION PERSPECTIVE ON ENVIROMENTAL PROTECTION
15:40-15:50	Musa BAPPAH JIŘÍ BRADNA Tatiana ALEXIOU IVANOVA	EVERYTHING MAIZE: FOOD, FEED, OR ENERGY
15:50-16:00	Natalia CÎRLIG Victor ȚÎȚEI Ana GUȚU	HIGH-VALUE MELLIFEROUS PLANT RESOURCES
16:00-16:10	Наталья ТОДИРАШ Татьяна ТАНАКИ	COLLECTION OF THE GENUS <i>ALOE</i> L. IN THE NATIONAL BOTANICAL GARDEN „A.A. CHUBOTARU”
16:10-16:20	Nazari SHABNAM Tatiana ALEXIOU IVANOVA Mishra RAJESH KUMAR	UTILIZATION OF AGRO-WASTE BIOMASS FIBERS FOR 3D HYBRID COMPOSITE CONSTRUCTION MATERIALS
16:20-16:30	Nicolae CRISTEA Svetlana GAVZER Galina LUPAȘCU	PHENOTYPIC PLASTICITY OF PARENTAL FORMS AND F ₁ HYBRIDS OF COMMON WHEAT AT THE INTERACTION WITH THE <i>FUSARIUM AVENACEUM</i> FUNGUS
16:30-16:40	Nina BOGDAN- GOLUBI Valerina SLANINA	ASSESSING VIABILITY OF LACTIC ACID BACTERIA FROM NCNM

16:40-16:50	Nina LIOGCHII Regina FASOLA Motelica LILIANA	THE SPECIES OF EUROPEAN AND NATIONAL IMPORTANCE IN THE EMERALD SITE «PĂDUREA HÂNCEȘTI»
16:50-17:00	Olga ȚURCAN Tamara SÎRBU	CONSERVATION METHODS IN MICROBIOLOGY (Synthesis article)
17:00-17:10	Olga IONIȚA Elena TOFAN- DOROFEEV	TAXONOMIC REVISION AND STATUS OF <i>SERRATULA RADIATA</i> (WALDST. ET KIT.) M. BIEB. IN THE REPUBLIC OF MOLDOVA
17:10-17:20	Oleksandr LUKASH	PLANT HABITATS REDUCTION AND ELIMINATION OF THE ABORIGINAL SPECIES FLORA POPULATIONS IN THE LEFT BANK POLISSIA OF UKRAINE
17:20-17:30	Pavel PÎNZARU Valentina CANTEMIR	THE PRODROME OF THE VEGETATION OF THE REPUBLIC OF MOLDOVA (CLASSES, ORDERS AND ALLIANCES)
17:30-17:40	Sergiu COȘMAN Victor ȚÎȚEI Valentina COȘMAN Natalia MOCANU Serghei COZARI Veceslav MAZARE	THE ECONOMIC VALUE OF THE SORGHUM X SUDAN GRASS HYBRID "SAȘM-4" DEPENDING ON THE HARVEST PERIOD
17:40-17:50	Svetlana PIROZHKOVA	ON THE NEED FOR ENVIRONMENTAL RESEARCH AND TRAINING OF SPECIALISTS FOR THIS
17:50-18:00	Tamara SÎRBU Olga ȚURCAN Cristina MOLDOVAN	RESISTANCE OF PHYTOPATHOGENIC FUNGI TO THE FREEZING PROCESS DEPENDING ON THE FREEZING TEMPERATURE
18:00-18:10	Tatiana SÎRBU Doina ȘABAROV	THE GRASSES ORNAMENTALS IN <i>EX-SITU</i> CONDITIONS
18:10-18:20	Valentina ȚÎMBALÎ	BIODIVERSITY OF THE PLANT COLLECTIONS OF THE PROTECTED LAND IN THE NATIONAL BOTANICAL GARDEN (I) "AL. CIUBOTARU"
18:20-18:30	Valentina ȚÎMBALÎ Tatiana TANACHI	THE COLLECTION OF SUCCULENT PLANTS OF PROTECTED LAND IN THE NATIONAL BOTANICAL GARDEN (I) "AL. CIUBOTARU"
18:30-18:40	Veaceslav SÎTNIC Victoria NISTREANU Natalia CARAMAN	ASPECTS REGARDING DEVELOPMENT TRENDS OF SPECIES OF SMALL RODENTS UNDER THE INFLUENCE OF CLIMATE FACTORS
18:40-18:50	Viorica COADĂ Viorica TRIFĂUȚAN Ana ȚÎGANAȘ	THE IMPORTANCE OF GASTROPODS IN ASSESSING THE DEGREE OF POLLUTION OF THE AQUATIC ENVIRONMENT IN THE REPUBLIC OF MOLDOVA
18:50-19:00	Виктория ЕРОШЕНКОВА Константин БУЛЬМАГА	ECOLOGICAL STATE OF THE REUT RIVER SECTION

The section III
NEW MATERIALS AND BIOTECHNOLOGIES
Coordinator: Viorica COADĂ, Associate Professor, PhD, CSPU

Access link: <https://meet.google.com/qqu-ypeh-vgh>

Moderators: Viorica COADĂ, Associate Professor, PhD, CSPU
Sofia GRIGORCEA, Associate Professor, PhD, CSPU

Communication:

Time	Presenters	The title of the communication
12:30-12:45	Alexandru ROTARU Victor CIORNEA	SINGLE-WALLED CARBON NANOTUBES DECORATED WITH GOLD NANOPARTICLES FOR APPLICATIONS IN RAMAN IMAGING OF CELLS
12:45-13:00	Anastasia VEVERIȚĂ Eduard COROPCEANU Paulina BOUROȘ	CRYSTAL STRUCTURE OF A CHLORO-BIS(DIMETHYLGLYOXIMATE)-COBALT(III) WITH PYRIDINE DERIVATIVES
13:00-13:15	Boris NEDBALIUC Eugeniu CIOBANU Sofia GRIGORCEA Olga DANILESCU	THE INFLUENCE OF A Zn(II) COORDINATION COMPOUND ON THE PRODUCTIVITY OF THE CYANOBACTERIA <i>SPIRULINA PLATENSIS</i>
13:15-13:30	Elena ACHIMOVA Vladimir ABASHKIN, Constantin LOȘMANSCHII Alexei MESHALKIN Vladislav BOTNARI	THE EFFECT OF AZODYE CONCENTRATION ON BIREFRINGENCE MODIFICATION
13:30-13:45	Ion BULHAC Anastasia ȘTEFÎRȚĂ Lilia BRÎNZĂ Eduard COROPCEANU Nicolai ALUCHI Maria COCU	THE EFFECT OF SOME COORDINATION COMPOUNDS ON THE GROWTH AND PRODUCTIVITY OF CROP PLANTS
13:45-14:00	Claudia GHEORGHÎȚA Eugenia MELENTIEV	RESEARCH ON THE DETERMINATION OF PHYSICO-CHEMICAL INDICES THAT ASSESS THE QUALITY OF THE OIL EXTRACTED FROM DIFFERENT VARIETIES OF NATIVE WALNUTS
14:00-14:15	Ghennadi TRIDUH Alexei MESHALKIN Alexandr PRISACAR Vladimir ABASHKIN	THE SPECTRAL DEPENDENCE OF RELIEF GRATINGS DIFFRACTION EFFICIENCY DIRECTLY FORMED IN NANOMULTILAYERS As ₂ S ₃ -Se

	Elena ACHIMOVA Serghei MOLDOVANU	
14:15-14:30	Ludmila BALAN Ludmila RUDI Tatiana CHIRIAC	THE PROTEINS AND CARBOHYDRATES CONTENT IN THE YEASTS BIOMASS AFTER ONE YEAR OF LYOPHILIZED STATE IN THE PRESENCE OF POLYCOMPONENT EXTRACTS FROM SPIRULINA
14:30-14:45	Nadejda GUȚU	ETIOLOGICAL STRUCTURE OF BACTERIA FROM THE FAMILY ENTEROBACTERIACEAE CAUSING ACUTE DIARRHEA DISEASES
14:45-15:00	Natalia CIOBANU Fliur MACAEV	PERSPECTIVES FOR THE SYNTHESIS OF DIHYDROPYRIMIDINES
15:00-15:30	COFFE BREAK	
15:30-15:45	Олег МОТОРИН Мирча БОЛОГА	INTENSIFICATION OF HEAT TRANSFER IN MINI-CHANNELS UNDER THE INFLUENCE OF AN ELECTRIC FIELD
15:45-16:00	Silvia VUTCARIOV Eugenia MELENTIEV	COMPARATIVE STUDY REGARDING THE PHYSICAL-CHEMICAL COMPOSITION OF SOME INDIGENOUS BEE PRODUCTS
16:00-16:15	Vasile LOZOVAN Ion BULHAC Paulina BOUROȘ Victor KRAVȚSOV	CRYSTAL STRUCTURE AND IR SPECTROSCOPIC STUDY OF THE MACROCYCLIC COMPLEXES [Cu(HL)Cl] AND [Cu(HL)Br]
16:15-16:30	Victor Ch. KRAVTSOV Nikita SIMINEL Marina S. FONARI Elena LUCENTI	CRYSTAL STRUCTURE AND PHOTOLUMINESCENCE PROPERTIES OF [Nd(NO ₃) ₃ (H ₂ O) ₄](iso-C ₉ H ₆ N ₆) ₂ (H ₂ O)

The section IV

CURRENT TRENDS OF SCIENCE TEACHING

Coordinators: Sergiu CODREANU, Associate Professor, PhD, CSPU

Eugenia CHRIAC, Associate Professor, PhD, CSPU

Access link:

<https://us02web.zoom.us/j/85948023705?pwd=UDM4aWV6YkNubEVVZHNpOXITUGVOUT09>

Meeting ID: **859 4802 3705**

Passcode: **463015**

Moderators: Sergiu CODREANU, Associate Professor, PhD, CSPU

Diana COȘCODAN, Associate Professor, PhD, CSPU

Communication:

Time	Presenters	The title of the communication
12:30-12:40	Adriana MARIȘ Florin MARIȘ	THE ROLE OF PRACTICAL ACTIVITIES IN CROWTH THE PERFORMANCE OF LEARNING GEOGRAPHY
12:40-12:50	Alexandra PĂTRAȘCU	THE ROLE OF PRACTICAL ACTIVITIES IN INCREASING THE YIELD OF LEARNING GEOGRAPHY

12:50-13:00	Corina GONCEAR	STEAM APPROACH IN CHEMISTRY AND BIOLOGY THROUGH THE PRISM OF SUSTAINABLE EDUCATION
13:00-13:10	Diana COȘCODAN Lora MOȘANU-ȘUPAC	THE IMPACT OF COFFEE CONSUMPTION ON THE PSYCHOPHYSIOLOGICAL PARAMETERS OF ADOLESCENTS
13:10-13:20	Doina Maria DUMITRAȘCU	THE CONTEXTUALITY OF THE RESEARCH/INVESTIGATION COMPETENCE AS AN ADAPTIVE POWER IN SIGNIFICANT EDUCATIONAL SITUATIONS IN GEOGRAPHY CLASSES
13:20-13:30	Dumitra BILCAN Nadejda CAZACIOC Ileana Simona ȘEREMET	INTERDISCIPLINARY VALUES OF TRAINING THROUGH RESEARCH IN THE CONTEXT OF STE(A)M EDUCATION
13:30-13:40	Dumitru IEȘEANU	RATIONAL USE OF THE VIRTUAL SPACE THROUGH SUSTAINABLE IMPLEMENTATION OF THE PUBLIC ASSOCIATION EDL – A NEW STEP OF INNOVATION OF THE TVET THROUGH SUSTAINABLE AND SUSTAINABLE E-TRANSFORMATION OF THE TECHNICAL VOCATIONAL EDUCATION
13:40-13:50	Elena CHIRIAC (BALAN)	EVALUATING THE EFFECTIVENESS OF ENVIRONMENTAL EDUCATION METHODS IN ELEMENTARY SCHOOL
13:50-14:00	Gabriela VIDA	THE ENVIRONMENTAL ATTITUDE OF THE CONSUMER TOWARDS FOOD
14:00-14:10	Galina NICHIFORENCO	DEVELOPING MATHEMATICAL SKILLS THROUGH THE METHOD OF PROJECTS
14:10-14:20	Gina VIDREANU	USE OF INNOVATIVE METHODS WITHIN MATHEMATICS LESSONS. THE CUBE METHOD – SPECIALTY STUDY
14:30-14:40	Ionuț-Adrian DRĂGULEASA Maria Mădălina BĂNUȚ Mihaela-Daniela VASILE	GREEN REGIONAL TOURISM – A CONCEPT FOR THE PRESERVATION OF the OLTENIA AREA
14:50-15:00	Larisa Simona RADU	ETHNOCHEMISTRY OF MEDICINAL PLANTS MULTIDISCIPLINARY MODEL OF TEACHING CHEMISTRY AT SECONDARY SCHOOL
15:00-15:30	COFFE BREAK	
15:30-15:40	Larisa GĂINĂ	SODIUM CHLORIDE IN EVERYDAY LIFE – STEM APPROACH IN CHEMISTRY LESSONS
15:40-15:50	Marieta NEAGU	THE STE(A)M PROJECT, APPLICATION IN NATURAL SCIENCES
15:50-16:00	Mihaela Tinca UDRIȘTIOIU Iulian PETRIȘOR	APPLYING SOME ADVANCED TECHNOLOGIES IN TEACHING AND RESEARCH
16:00-16:10	Mihaela Tinca UDRIȘTIOIU Dragoș AMARIE	INTERACTIVE ENGAGEMENT IN TEACHING
16:10-16:20	Nadejda OVCERENCO	EVALUATION OF THE QUALITY OF ADOLESCENT EDUCATION FOR THE FUTURE IN THE CONTEXT OF PROMOTING THE VALUE OF RESPONSIBLE PARENTHOOD
16:20-16:30	Olga CODELNIC	MOTIVATION OF LEARNING ACTIVITIES AT THE LESSONS OF CHEMISTRY

	Eugenia MELENTIEV	
16:30-16:40	Sofia GRIGORCEA Eugenia CHIRIAC Oxana MUNTEANU Boris NEDBALIUC	APPLICATION OF INTERACTIVE METHODS THROUGH COOPERATION IN PRIMARY, SECONDARY AND HIGH SCHOOL EDUCATION
16:40-16:50	Polina TABURCEANU	THE SPECIFIC LANDSCAPE IN THE PROSE OF MIHAIL SADOVEANU. METHODOLOGICAL-SCIENTIFIC ASPECTS
16:50-17:00	Tamara VERINGĂ	LECTURE WORKSHOP IN PROMOTING THE NATURAL SCIENCES
17:00-17:10	Tatiana OLEDNIC Iulia GHERCIU	THE STEAM APPROACH WITHIN THE ProEnergSave
17:10-17:20	Tatiana HORDUNĂ	INTERCULTURAL EDUCATION IN MODERN DIDACTIC CONTEXTS

19 martie 2023

The section V

THE YOUNG RESEARCHER

(International competition)

Coordinator: Diana CHIȘCA, Associate Professor, PhD, CSPU

Access link:

<https://us02web.zoom.us/j/85948023705?pwd=UDM4aWV6YkNUbEVVZHNpOXITUGVOUT09>

Meeting ID: **859 4802 3705**

Passcode: **463015**

Moderator: Natalia ROTARI, PhD STUDENT, CSPU

10:00 – 16:00

Nr.	Research team	Coordinating teacher	Project title	Institution
1.	Ada Ștefania TĂBĂRAȘ, Mihail ALBU	Luiza Mihaela DAVID	NOISE POLLUTION	Școala Gimnazială „Traian Săvulescu”, Izvoarele
2.	Adrian BĂRBĂCARU	Natalia POSTOLACHE	THE BENEFITS OF USING DAIRY PRODUCTS IN CHILDREN’S AND ADOLESCENT’S NUTRITION: PROS AND CONS	Colegiul Politehnic din Bălți
3.	Alexandra APOSTOL	Stela VAMEȘU	AN EXFOLIATED EPITHELIUM WITH A CORRECTLY USED SCRUB	IPLT „Mihai Eminescu”, Bălți
4.	Alexandra CEBAN, Alina MELENCIUC, Crăciun Andreea, Cristina INDOITU, Ina CUPCINENCO	Eugenia GÎNCU, Viorica BLUDARU	ECO BICYCLE- A REMEDY OF GLOBAL VIABILITY, OF HUMAN HEALTH AND OF STOPPING THE POLLUTION OF NATURE	IPLT „Mihai Eminescu”, Anenii Noi
5.	Alexandrina BORDIANU, Elena GUȚUȚUI, Ana-Maria ZAZULEA	Ana SARANCIUC	WATER – MIRACLE SUBSTANCE FOR EVERY VALUABLE BEING	IPLT „Mihai Eminescu”, Bălți
6.	Alexandrina CORNEA, Dumitrița IVANOV, Camelia POPA	Aurelia ȘVEȚ	HAIR – BEAUTY AND HEALTH	IPLT „Ștefan cel Mare”, Șoldănești
7.	Alexandru BORȘ, Raluca REZMERIȚĂ	Natalia PERCIUN	WATER QUALITY ASSESSMENT FROM THE VILLAGE OF BÂC, CHIȘINĂU	Centrul de Excelență în Energetică și

				Electronică, Chișinău
8.	Alina ZAGOREAN, Daniela JIAN, Eugenia EFIMENCO	Agneșea PROCA	„BIO” ENERGY	IP Gimnaziul Codreanca, Strășeni
9.	Ana EDU	Jana GÎRLĂ	PROPAGATION OF PLANTS IN VITRO-ADAPTATION AND THEIR GROWTH IN HOME CONDITIONS	IP Gimnaziul „Viorel Cantemir”, Sofia, Drochia
10.	Ana TCACI, Andrei APOPII	Stela ARHIP	SECOND LIFE FOR LEAVES	IPLT „Mihai Eminescu”, Bălți
11.	Ana Maria MARCU, Marta BADEA, Maria COSTAN	Daniela PĂTRULESCU	INHIBITION OF BREAD MOLD	LT Special „Gheorghe Atanasiu”, Timișoara, Timiș
12.	Anastasia AGACHE, Daniela BĂBĂLĂU	Oleșea GOPȘA	ART BOT: BUILD A WOBBLY ROBOT THAT CREATES ART	IP Gimnaziul Pelinia, Drochia
13.	Anastasia ALEXA, Elena CORENÎI, Cristian MELNIC	Nina BOTNARAȘ	VALORIZATION OF FOOD WASTE TO OBTAIN ECO RODUCTS AND ADVERTISING THEM AMONG POPULATION	Colegiul Național de Comerț al ASEM, Chișinău
14.	Andreea IVANESI, Andreea ONICA, Nicoleta ILICA	Victoria IVANESI	PETS-BETWEEN CHEMISTRY AND ECOLOGY	IP Gimnaziul „Ion Creangă”, Micleușeni
15.	Andrei APOPII, Ana TCACI	Stela ARHIP	BIRDS-BIOINDICATORS OF A HEALTHY ENVIRONMENT	IPLT „Mihai Eminescu”, Bălți
16.	Arina CATARĂU, Irina CIOBANU, Vlad CUCULESCU	Angela REULEȚ	IDENTIFICATION IN THE LOCAL HORIZON OF THE MAIN SOURCES OF ENVIRONMENTAL POLLUTION. MEASURES THAT LEAD TO THE REDUCTION OF POLLUTION IN THE LOCATION WHERE WE LIVE	IP LT „Gheorghe Palade”, Puhoi
17.	Arina GHEMAN	Nina FRIDJOI	MOBILE AIR PURIFYING	IPLT „M. Sadoveanu”, Giurgiulești, Cahul
18.	Arina PROCA	Jana GÎRLĂ	MOISTURIZING CREAM AN IMPORTANT FACTOR FOR SKIN PROTECTION	IP Gimnaziul „Viorel Cantemir”, Sofia, Drochia
19.	Artiom ONILOV	Victor CIUVAGA	ROBOTIC LESION	IPLT „Constantin Stere”, Soroca
20.	Carolina USTICĂ, Cristina USTICĂ, Bianca-Biatrice VLAICU	Agneșea PROCA	DETERMINATION OF THE ECOLOGICAL STATUS OF LOCAL WATERS USING BIOLOGICAL INDICATORS	IP Gimnaziul Codreanca, Strășeni
21.	Cătălina CHISTRUGA, Miruna LIPICI	Carmen BUCOVALĂ	PLANAR CHROMATOGRAPHY	LT „Ovidius”, Constanța

22.	Cătălin GALUȘCA	Daniela PLACINTA	STEM PROJECT: MUSHROOMS, WE PLAY AND LEARN	IPLT „Alec Russo” Cojușna, Strășeni
23.	Cătălin GANEA	Adrian GORINCIOI	INCREASING THE INDEPENDENT MOBILITY OF VISUALLY IMPAIRED PERSONS THROUGH THE INTELLIGENT CANE	IPLT „George Călinescu”, Chișinău
24.	Cătălin GREJDIERU, Teodora CONDREA	Liliana BOLD	CORRECTLY CHOSEN FUEL MEANS ENERGY EFFICIENCY	IPLT „Mihai Eminescu”, Bălți
25.	Cătălina POSTOLACHI, Mădălina ȚURCAN, Adelina GOPȘA, Dumitru PUTINĂ	Olesea GOPSA	SCINTILLATING SCENTS: THE SCIENCE OF MAKING PERFUME	IP Gimnaziul Pelinia, Drochia
26.	Cătălina ȚURCAN, Daniela PLEȘCA, Veronica MAGAR	Tatiana CODREANU, Sergiu CODREANU	ENZYMES – THE SECRET SERVICE OF THE HUMAN ORGANISM	IPLT „Ion Vatamanu”, Strășeni
27.	Ciprian SAVCIUC, Victoria CIOBANU	Olga ROTARI	ECO CAR – QUIK THINKING TO FUTURE	IPLT „Boris Dânga”, Criuleni
28.	Cristian CÂRJAN, Tudor VOICA	Mihaela STĂNESCU	INDUCTION HEATING	Colegiul Național „Traian Doda”, Caransebeș
29.	Cristina LOTCĂ	Lilia TOPALĂ	THE DIFFERENCE BETWEEN NATURAL AND ARTIFICIAL HONEY	IPLT Molești
30.	Cristina Laura MATEI	Ionuț Iulian LUNGU	CHEMICAL RISK FACTORS FOR ATOPIC DERMATITIS	Școala Postliceală Sanitară de Stat ”Grigore Ghica- Vodă”, Iași
31.	Cristian BÎRZU, Adelina LÎSÎI, Snejana ANRUȘCENCO	Maria SPÎNU	FIGHTING WITH HARMFUL ORGANISMS AND ECOLOGICAL SAVING OF CHESTNUTS FROM STREET NATIONALA, UNGHENI TOWN FROM „SLOW DEATH”	IPLT „Gheorghe Asachi”, Ungheni
32.	Dan BIVOL	Daniela PLACINTA	STEAM PROJECT: <i>FLORAL CLOCK</i>	IPLT „Alec Russo” Cojușna, Strășeni
33.	Dania CONERU, Alexandra DRĂGAN	Ramona MAGHIAR	ECOIMPACT OF THE PEȚEA STREAM	Colegiul Național „Mihai Eminescu”, Oradea
34.	Daniel CORCODEL, Alexei VIERU	Ghenadie CHIRIAC	ELABORATION OF THE ELECTROCHEMICAL BATTERY GALVANIC ELEMENTS	ȘP-3, Chișinău
35.	Daniel Constantin LIȘIȚĂ	Anda Mădălina MARAVELA	THE ARTIFICIAL CRYSTALS – MAGIC OR CHEMISTRY	Colegiul Comercial „Carol I”, Constanța
36.	Daniel-Ionuț PUȘCAȘ, Maria RĂDUCAN, Andrei SASU	Nicoleta ALDA, Marius CRAINIC	SMART GARDEN	Colegiul „Mihai Viteazul” ,Ineu

37.	Dara BOTOSARU, Amelia GARI – NEGUȚ	Larisa SIMON RADU	ECO-GARDEN OF THE FUTURE	Școala Gimnazială Spectrum, Constanța
38.	Denis COLIBA, Alexandru OPREA	Iurie RUMEUS	THE STUDY ON THE MICROBIAL CONTAMINATION OF THE WATERS FROM THE SPRINGS AND WELLS OF THE CAHUL MUNICIPALITY	Colegiul „Julia Hașdeu”, Cahul
39.	Diana ROȘCA, Valeria PORCESCU	Angela REULEȚ	WASTEWATER TREATMENT PLANT - WHIM OR NECESSITY	IPLT „Gheorghe Palade”, Puhoi
40.	Dorina DARANUȚA, Mihaela CHIRIAC	Natalia PERCIUN	THE MAGIC OF ESSENTIAL OILS	Centrul de Excelență în Energetică și Electronică, Chișinău
41.	Doru ROȘCA, Eugeniu GORDILA, Sergiu GUREU	Natalia POSTOLACHE	ENERGY SAVED TODAY – AN ADVANTAGE FOR THE FUTURE	Colegiul Politehnic, Bălți
42.	Dumitru DEȘAN	Victor CIUVAGA	INTELLIGENT AGRICULTURE	IPLT „Constantin Stere”, Soroca
43.	Efim GRECU	Natalia PERCIUN	WATER – A GOOD ELECTRICAL CONDUCTORS	Centrul de Excelență în Energetică și Electronică, Chișinău
44.	Elena RUSU	Aurelia ȘVEȚ	WILLOW – A SOURCE OF ENERGY FROM BIOMASS	IP LT „Ștefan cel Mare”, Șoldănești
45.	Emanuela TUCALIUC	Valerica IGNĂTESCU	A NEW START IN RESEARCH- TESSIGRAPHY	LT Filadelfia Suceava
46.	Emilia CURARARI	Olesea GOPȘA	TOXICITY OF SUBSTANCES CONTAINED IN COSMETICS AND PERFUMERY	IP Gimnaziul Pelinia, Drochia
47.	Eric NAGY, Mátyás SZABÓ, Kristóf TÓTH	Mihai MOLNAR	WATER QUALITY CONTROL IN IER VALLEY, BIHOR COUNTY, ROMANIA	LT Nr.1, Cadea
48.	Evelina ANTONOVICI, Arina POSTOLACHE	Olesea GOPȘA	THE INFLUENCE OF FOOD ADDITIVES ON THE SAFETY OF FOOD PRODUCTS	IP Gimnaziul Pelinia, Drochia
49.	Evelina DORU, Marina TALPĂ, Ionela DABIJA	Olesea GOPSA	VALENCE OF PERFUME AND CREAM	IP Gimnaziul Pelinia, Drochia
50.	Gabriela GORGOS, Victor TOCARCIUC, Octavian POPA	Norinela VLAS	GROWING XEROMORPHIC CHARACTERISTICS IN CROP PLANTS	Colegiul Agroindustrial, Ungheni
51.	Andreea-Claudia RECOLCIUC, Petronela DANIS, Iulian CATARAGA Gavril FLORESCU	Valerica IGNĂTESCU Roxana Delia CHITIALĂ	GREENPASS TO HEALTH	Colegiul Tehnic de Industrie Alimentară, Suceava
52.	Georgiana TURTUREA,	Adriana POPESCU	THE MAGIC POWER OF WORDS	LT Mătășari, Județul Gorj

	Mădălina CHIȚAN, Ana GHERGHIȘAN			
53.	Gloria AGACHI, Elena CRISTEA, Cristina ZAIM	Olesea GOPSA	TASTE THE DUNGEON OF SWEETNESS	IP Gimnaziul Pelinia, Drochia
54.	Greta-Ariadna MOCANU, Alexandrina GHEMU, Laura ABUZAN	Viorica CEBAN	MY ECOLOGICAL CITY	IPLT „Vasile Alecsandri”, Călărași
55.	Ilinca ȚUCANOV, Andrei MOTRUC	Ala MOTRUC, Valentina DONȚU	NATURAL JUICES VERSUS COMMERCIAL JUICES	IP LT „Gaudeamus”, Chișinău
56.	Ionuț PĂTRĂNICĂ	Natalia BAIRAC	THE STUDY OF THE DEGRADATION OF ECOLOGICAL BAGS IN THE NATURAL ENVIRONMENT	IPLT „Mihail Sadoveanu”, Ocnița
57.	Iulia TELEUCĂ	Vasilii GRAUR	NEW SEMI-SYNTHETIC AGENTS WITH ANTIBACTERIAL AND ANTIFUNGAL PROPERTIES	IPLT „Orizont”, Durlești
58.	Iuliana PÎRLOG, Gheorghe SAREV, Felicia CIOBANU	Ileana-Simona ȘEREMET	RESEARCH OF TRACES	IPLT „Mihai Eminescu”, Căușeni
59.	Iuliana PÎRLOG, Nicoleta MOISEI	Ileana-Simona ȘEREMET	THE BUDS	IP Liceul Teoretic „Mihai Eminescu”, Căușeni
60.	Hala Mira-Mar ALJUNDI Briana POPESCU	Larisa Simona RADU	MIRABI – OUR FIRST COSMETIC PRODUCT	Școala Gimnazială Spectrum, Constanța
61.	Laurențiu BOICEAN, Alina Tanita ROTTENBÜCHER	Ana Giulia POZA	DETERMINATION OF THE ACID-BASE CHARACTER OF SOME SUBSTANCES USING A NATURAL INDICATOR OBTAINED FROM RED CABBAGE	LT Special „Gheorghe Atanasiu”, Timișoara
62.	Lina AHMAD ALSTAM	Natalia BOȚOLIUC	THE INFLUENCE OF MUSIC ON THE MENTAL PERFORMANCE OF ADOLESCENTS	LT Tvardița, Tvardița
63.	Livia TERINTE, Cornelia GHERMAN	Stela ARHIP	BIO CULTURES IN FOOD PRODUCTS	IPLT „Mihai Eminescu”, Bălți
64.	Liviu LUNGU, Saidamira TÎRȘU	Nadejda CAZACIOC	THE MYSTERIOUS WORLD BETWEEN THE PLUS AND THE MINUS OF BATTERIES	IPLT „Ștefan cel Mare și Sfânt”, Căușeni, Taraclia
65.	Liviu SAMSON, Carolina VERSTIAC	Nadejda CAZACIOC	THE SECRETS OF THE SOIL – PH INDICES	IPLT „Ștefan Cel Mare și Sfânt”, Căușeni, Taraclia
66.	Luca-Emanuel RUS	Ileana DUNKA	THE IMPACT OF COPPER SULPHATE TREATMENT ON GERMINATION OF ZEA MAYS SEEDLINGS	Școala Gimnazială Șieu

67.	Lucian PALANCIUC, Vlad SCUTELNIC	Victor CIUVAGA	ROBOT VACUUM CLEANER	IPLT „Constantin Stere”, Soroca
68.	Maria BUNESCU	Anjelica ȘEREUJEVA	DEVELOPMENT OF THE CONSTRUCTION AND PROTOTYPE OF THE PROTECTIVE MASK COVER	IP Colegiul Tehnologic, Chișinău
69.	Maria CUMPĂȚĂ	Liliana CUMPĂȚĂ	THE BENEFITS OF HONEY CONSUMMATION AND THE METHODS OF DIFFERENTIATING NATURAL HONEY FROM FAKE HONEY IN HOME CONDITIONS	IP Gimnaziul „Sergiu Rădăuțan”, Iezărenii Vechi
70.	Maria GHEORGHE, David Alexander FOTESCU	Daniela HUIANU	INVENTORY OF NECROPHAGOUS INSECT SPECIES IN EASTERN DOBROGEA, WHICH COLONIZE ANIMAL CORPSES	Școala Gimnazială Colibri, Constanța
71.	Maria SÎRBU, Roberta DASCĂLU, Ramona ILIESCU	Adriana POPESCU	ARTIFICIAL INTELLIGENCE IN MEDICINE	LT Mătășari , Județul Gorj
72.	Mara STEFANOAIA	Valerica IGNĂTESCU	START THROUGH STEAM IN THE MYSTERIES OF CHEMISTRY!	LT Filadelfia Suceava, România
73.	Mariabela BRADEA- PINTIUȚA, Ecaterina CĂRCHILAN, Giulia CIORTIN	Flavia-Iulia OPREAN Livia GHIURCUȚA	THE IMPACT OF FOOD ON DAILY LIFE	LT „Aurel Lazăr ”, Oradea
74.	Mario POSTU, Bogdan ALEXANDRU, Denisa GHEORGHIU	Florentina CIROMILA	FARM OF THE FUTURE – AQUAPONIC AGRICULTURE	Liceul cu Program Sportiv, Galați
75.	Maxim MATEI	Magdalena Dorina CULBEC	DETERMINATION OF WATER QUALITY WITHIN THE PROJECT ERASMUS BE CLEAN, BE GREEN, PROMOTING THE SUSTAINABLE DEVELOPMENT OF OUR COMMUNITY	Liceul Tehnologic Economic de Turism, Iași
76.	Maxim ZGARDAN	Victor CIUVAGA	INTELLIGENT CIRCUITS IN THE TEACHING OF PHYSICS	IPLT „Constantin Stere”, Soroca
77.	Mădălina STARÎȘ	Elena DOROGAN	THE HYDROCHEMICAL CHARACTERISTIC OF THE DNIESTER RIVER AND ITS INFLUENCE	IPLT „Petru Rareș”, Soroca
78.	Mădălina STRATAN	Nina POPA	INSECTS AS ALTERNATIVE SOURCE OF PROTEINES	IPLT „Grigore Vieru”,

				Chioselia Rusă, UTA Găgăuzia
79.	Mihaela BUCUR, Ioana-Delia MÂNDRILĂ	Elena-Camelia ȚÂNCULESCU	QUANTITATIVE AND QUALITATIVE ANALYSIS OF WATER CONSUMED BY TEENAGERS	LT „Ion Borcea”, Buhuși, Bacău
80.	Milena PRUNEANU	Paula TATAMIROV	THE DYNAMICS OF CLIMATE CHANGES AND THEIR IMPACT ON THE DNIESTER RIVER	IPLT „George Călinescu”, Chișinău
81.	Miruna Georgiana BABUȘCĂ, Andrei Robert IANCU, Andrei CUCU	Valeriu APOSTOL	SUPER SMART HOUSE	Centrul Județean de Excelență, Galați
82.	Natalia FIȘTIC, Andra-Gabriela RADU	Tatiana FIȘTIC	THE PRODUCTION OF REGENERATING BANDAGES OUT OF CELLULOSE	IPLT „George Coșbuc“, Bălți
83.	Nicoleta CARA, Ecaterina LATUS, Valeria OBREJA, Patricia GÎRLEA	Ana CIUBOTARU	THE SCRUB AND EXFOLIATION BENEFITS	IPLT „George Meniuc”, Chișinău
84.	Nicoleta COJUHARI, Evelina MARIAN, Alina BARCARI	Diana CHIȘCA	DEMONSTRATION OF WATER TREATMENT TECHNOLOGIES	IPLT „Mircea cel Bătrân”, Chișinău
85.	Nicoleta-Sorina DRAGOMIR, Fabian TURNEA, Oana-Anastasia BICA	Valerica PREDESCU- GRIGORE, Mihaela STĂNESCU	ANXIETY DURING ADOLESCENCE AND ITS EFFECTS ON THE HUMAN BODY	Colegiul Național „Traian Doda“, Caransebeș, Caraș-Severin
86.	Nicoleta UȚÎCA, Ciprian MODVAL, Patricia SPÎNU	Aliona ROȘCA	ORIGINALITY THROUGH DIVERSITY – CREATIVE PORTFOLIO	IPLT „Gheorghe Palade”, Puhoi, Ialoveni
87.	Oana FURCULIȚA, Alex COGÎLNICEANU, Dragoș JOSAN	Mariana CÎRLICIUC	MANUFACTURING OF THE SELECTIVE WASTE COLLECTION ROBOT	IPLT “Mircea Eliade”, Chișinău
88.	Rareș George ACHIȚEI, Alexia- Maria DOROBĂȚ, Georgia CONSTANTINESCU	Elena Matroana HRECIUC	ARDUINO APPLICATION FOR MONITORING PLANT GROWTH	Școala Gimnazială ”Ion Creangă”, Suceava
89.	Sabrina TIGHINEANU, Damian FIȘTIC	Jana GÎRLĂ	RENEWABLE ENERGY FOR STREET LIGHTING IN THE COMMUNITY USING MODERN TECHNOLOGIES	IP Gimnaziul „Viorel Cantemir”, Sofia, Drochia
90.	Simona GĂINĂ	Ana Gabriela CATANĂ	DETERMINATION OF CARBOHYDRATES IN A FOOD PRODUCT SWEETENED WITH STEVIA	Colegiul Tehnic „Ion Creangă”, Târgu-Neamț
91.	Sofia CODREANU, Ecaterina FORTUNĂ, Valeria BOLOGAN	Maria PÎNTEA	IDENTIFICATION OF ALDEHYDES. BIO PERFUME CREATION	IPLT „Olimp”, Sângerei

92.	Ștefania AMAISTROAIE, Carmen SIMIONICĂ, Irina ISAC	Carmen Iuliana DOROFTEIU	GREEN LIGHT GOOD FOR SOCIETY	Liceul „Alexandru cel Bun”, Botoșani
93.	Tatiana ZAHARIA	Diana COȘCODAN	FRACTAL GEOMETRY APPLIED IN BIOLOGY AND MEDICAL SCIENCE	IPLT „Aristotel”, Chișinău
94.	Veronica BURDUJA	Marcela PAPUC	EIDETIC MEMORY – THE WAY TOWARDS MORE EFFICIENT LEARNING?	IPLT „Aristotel”, Chișinău
95.	Victor STANOIEV	Larisa RADU SIMOM	THE STORIES, HUMAN STUPIDITY AND SALT IN DISHERS OR .. HOW GOOD OR BAD THE KITCHEN CAN MAKE US	Școala Gimnazială Spectrum, Constanța
96.	Victoria CIORBA, Vasile ZAVTONI, Liliana MÎNZA	Baluțel NONA	RENEWABLE ENERGY – A CHEAP AND ECOLOGICAL SOURCE FOR MY SCHOOL	IPLT Cruglic
97.	Victoria TIZU, Anastasia CEAICOVSCHI, Andreea COJOCARU- ȚURCAN	Aurelia ZNAGOVAN	PREPARATION OF FRAGRANCE COMPOSITIONS IN HOME CONDITIONS	IPLT „Ștefan cel Mare”, Drochia
98.	Вилена КРЕЙСМАНН, Дарья ФОМИНЫХ	Strat Snejana	VITAMINS EVERYONE NEED - VITAMINS EVERYONE IS IMPORTANT!	IP Gimnaziul Rus „Dimitrie Cantemir”, Ștefan Vodă
99.	Vlad SLIMOVȘCHI, Alexandru CALANCEA, Daniela ARION	Valentina GALESCU	VIRTUAL REALITY – BETWEEN GAME AND SCIENCE	IPLT „Petre Ștefănuță”, Ialoveni
100.	Vlad TALPĂ, Bogdan BALAN	Diana COȘCODAN	BUILDING AND ASSEMBLING A BIONIC ARM	IPLT „Aristotel”, Chișinău