

ID	Discipline	Title	Country	Students	Medal
1929	Science	A RAPID ONE-STEP FIELD-BASED DETECTION METHOD FOR NANOPLASTICS IN WASTEWATER SAMPLES	United States Indiana	VIDHATRI IYER	Silver
1934	Science	CHARGREEN	Mexico	DIEGO ROMERO CORVERA,RODRIGO ROMERO CORVERA	Bronze
1951	Business	USING SMART LABELS AND MACHINE LEARNING TO REDUCE FRESH FOOD WASTE	United States Washington	ALYSSA LIN	Silver
1956	Science	DRAUM - DRONE DE BAIXO CUSTO PARA MONITORAMENTO DA BIODIVERSIDADE DE RESERVAS AMBIENTAIS	Brazil	ANTHONY RODRIGUES,ALYSON SOUZA	Participant
1961	Science	A MACHINE LEARNING APPROACH TO EARTHQUAKE DETECTION	Bangladesh	MAHER ALI RUSHO	Honorable Mention
1966	Science	PURA AER A LOW-COST ENERGY-EFFICIENT PORTABLE AIR PURIFIER SYSTEM USING DISPOSABLE FACE MASK FOR EMERGENCY AND DAILY USES	United States California	JORDAN PRAWIRA	Silver
1971	Science	DECIPHERING A SLEEPING PATHOGEN - UNCOVERING NOVEL TRANSCRIPTIONAL REGULATORS OF HYPOXIA-INDUCED DORMANCY IN MYCOBACTERIUM TUBERCULOSIS	United States Washington	ROHAK JAIN	Bronze
1974	Science	AN UNMANNED SHIP FOR AUTOMATIC WATER QUALITY DETECTION BASED ON THE INTERNET OF THINGS	China	YUQING LI	Honorable Mention
1975	Science	USE OF MICROALGAE CHLORELLA VULGARIS FOR MANURE TREATMENT AND GAS CONSUPTION IN COMPOSTING PROCESSES	Brazil	PEDRO BATIGLIANA TOFOLI	Honorable Mention
1985	Science	PHOTOSYNTHETIC PERFORMANCE OF FRAGARIA X ANANASSA IN SYMBIOSIS WITH ANTARCTIC FUNGI IN SALINE SOILS	Chile	JULIETA BEROIZA VALVERDE,FRANCISCA CUELLAR LETELIER	Silver
1995	Science	CLEAN UP DRONE	Albania	BRENDIS KASHARAJ	Honorable Mention
2003	Science	USE OF KAPOK FIBER AS A SUBSTRATE FOR FLOATING FILTER ISLANDS	Brazil	RENATO WANDERLEY,MARCUS DOS SANTOS	Silver
2025	Science	USE OF A CHEMICAL ANALYTICAL METHOD FOR THE RECOVERY OF ALUMINUM FROM SNACK WRAPPERS	Chile	TOMAS MUNOZ ROJAS,PAOLO GALIAN GONZALEZ	Honorable Mention

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2061	Robotics	AZEBOT	Azerbaijan	YUSIF OSMANLI,RIAD ABDULLAYEV,NIHAD MEHDIYEV	Silver
2064	Science	EXCUSE ME CHAIR II - SUPPORT DEVICE WITH SENSORY STIMULI FOR CHILDREN WITH CHRONIC NON-PROGRESSIVE ENCEPHALOPATHY	Brazil	CECILIA HORLLE SILVA,HELLEN YASMIN SCHNEIDER DRESCH	Honorable Mention
2069	Science	TEALAB PROJECT UTILIZATION OF CO2 USING TEA WASTE BIOMASS	Azerbaijan	AYLA AGHAYEVA	Honorable Mention
2078	Science	EQUILIBRIUM BETWEEN STRENGTH AND ECONOMY IN THE PRODUCTION OF BIOPLASTICS	Czechia	ADAM ABDALLA,AHMAD AHMADOV	Honorable Mention
2099	Science	SITES CATEGORIZATION FOR THE CONSERVATION OF EULIDIA YARRELLII OR CHILEAN WOODSTAR IN THE ARICA AND PARINACOTA VALLEYS IN CHILE	Chile	FRANCISCO SOTO,MARIA EMILIA CANAS	Silver
2100	Science	EVALUATION OF THE RELATIONSHIP BETWEEN DEHYDRATION OF ECHINOPSIS CHILOENSIS POPULATIONS WITH DIFFERENT LEVELS OF DESERTIFICATION RISK IN THE METROPOLITAN REGION IN CHILE	Chile	GONZALO PONCE	Gold
2111	Science	THE ROLE OF UNIQUE LYSINE K LOOP IN HUMAN KINESIN FAMILY MEMBER 1A	United States New York	OBINNA NJOKU	Bronze
2120	Science	STUDENT ENGAGEMENT SUPPORT SYSTEM USING DEEP LEARNING	Vietnam	BACH PHAM XUAN,HIEU LE PHAN MINH	Participant
2125	Science	MINI-TRANSPONDER SISTEMA ANTE-COLISAO - SEGURANCA AO NAVEGAR EMBARQUE NESSA IDEIA	Brazil	DANIEL GONCALVES DA SILVA	Honorable Mention
2129	Music	PLAYING KOMUZ HELPS ME CONNECT WITH NATURE	Kyrgyzstan	ARUKE MANAPBAEVA	Honorable Mention
2132	Science	A CONTINUATION STUDY OF THE EFFECTS OF THE LINE 3 OIL PIPELINE ON GRAY WOLVES ON THE FOND DU LAC RESERVATION	United States Minnesota	GRACE LAVAN	Honorable Mention
2148	Science	EVALUATION OF THE ANTIFUNGAL AND BACTERICIDAL POTENTIAL OF SECONDARY METABOLITES OF THE MICROALGAE CHLORELLA VULGARIS	Brazil	ELOAH FREITAS	Bronze
2150	Science	THE EFFECT OF AEROBIC ACTIVITY ON THE EXECUTIVE FUNCTIONING IN CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER	United States New York	ZAYNEB CHERIF	Participant
2153	Science	DETECTION OF BREAST CANCER RECURRENCE USING ENSEMBLE INTEGRATION ON MULTI-MODAL DATA	United States New York	DEVESH DUBEY	Bronze

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2157	Science	UTILIZING HUDSON RIVER WATER DATA TO DETERMINE THE RELATIONSHIP BETWEEN HURRICANE SANDY AND HUMPBACK WHALE SIGHTINGS IN THE NEW YORK BIGHT	United States New York	VITALY ZAMPERLIN	Gold
2158	Science	USING BRAIN ASSESSMENTS TO MEASURE MEMORY LOSS AND COGNITIVE IMPAIRMENT IN DIFFERENT-LEVEL-SEVERITY COVID-19 SURVIVORS	United States New York	DAVID DILAPI	Honorable Mention
2161	Science	A WAVELET-BASED DEEP LEARNING FRAMEWORK FOR PREDICTING PEAK INTENSITY OF HURRICANES IN THE ATLANTIC OCEAN	United States New York	JACK LIU	Silver
2165	Science	EFFICACY OF MUC16TARGETING ANTIBODY AR9POINT6 AS A NOVEL MONOTHERAPY AND LU-LABELED RADIOIMMUNOCONJUGATE IN OVARIAN CANCER	United States New York	RANIA MALIK	Silver
2166	Science	OPTIMIZING RADIATORS IN HYDROGEN FUEL VEHICLES ANALYSIS OF CONTROLLED ATMOSPHERE BRAZED AND VACUUM BRAZED RADIATORS	United States New York	AUGUSTUS CAI	Honorable Mention
2170	Science	A SUSTAINABLE APPROACH TO CONTROL DESTRUCTIVE RED PALM WEEVIL PESTS BY CONVERTING INTO A NATURAL PRESERVATIVE PROTEIN POWDER	Thailand	SUNYAPAT AKKARAJEERAWAT,THANATKOR N CHAUVANASMITH	Gold
2173	Science	AUTOMATIC MOVEMENT ONSET DETECTION AND SYNCHRONIZATION WITH UPPER EXTREMITY KINEMATICS FOR THE BIMANUAL DRAWER TASK	United States New York	AIDAN HIRSCH	Honorable Mention
2175	Science	THE EFFECT OF HEMIGRAPUS SANGUINEUS ON NATIVE CRAB SPECIES IN THE NORTHEASTERN UNITED STATES	United States New York	SOFIA LAM	Participant
2180	Science	PROTOTYPE RENEWABLE AND RECHARGEABLE BATTERY FOR POWER GENERATION	Paraguay	ANA TATTON	Honorable Mention
2181	Science	OSSOGRAN GRANTER ALTERNATIVE PRODUCTION FROM BOVINE BONE	Brazil	FELIPE CARVALHO SILVA	Honorable Mention
2183	Science	DETERMINATION OF FETAL ACCESS TO MATERNAL SEROTONIN AT MID GESTATION IN MICE	United States New York	KATHERINE CARTAGENA	Gold
2187	Science	TRAINING THE BERT LANGUAGE MODEL FOR PROTEIN SYNTHESIS SCREENING	United States New York	LYDIA LUNG	Bronze
2188	Science	THE EFFECTS OF CAFFEINE AND ALCOHOL ON THE ELECTRICALLY EVOKED POTENTIALS OF LUMBRICUS TERRESTRIS	United States New York	MAX FENG	Honorable Mention

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2191	Science	A WIRE DRIVEN FULL CONSTRAINT MECHANICAL LONG ARM WITH DIGITAL CONTROL	United States New York	SHENGCONG WANG	Honorable Mention
2192	Science	SATELLITE DATA SHOW INCREASED HEAT EXPOSURE IN MOST POPULATED AREAS OF NEW YORK STATE VIA QUANTITATIVE ANALYSIS ON LAND SURFACE TEMPERATURE AND POPULATION DENSITY	United States New York	ZOE GUTHERMAN	Silver
2193	Writing	INFERNO IN THE WILD	United States California	DISHA RAGHUVANSHI	Silver
2197	Science	A NOVEL STUDY OF MIRACULOUS PROPERTIES OF PUNICA GRANATUM	India	ARADHITA ARVELLI	Silver
2201	Science	GAEA - A MODEL UTILIZING UNSUPERVISED LEARNING TO DETECT PEST DAMAGE IN CROPS	United States Ohio	LAASYA ACHARYA	Bronze
2202	Short Film	WHAT IS GLOBAL WARMING SIMPLE EXPLANATION FOR KIDS	Tajikistan	NAVJAVON JALOLOV	Participant
2208	Science	INVESTIGATING THE MICROPARTICLE CONTAMINATION EFFECTS ON ACUTE SYNERGISTIC CARDIAC FUNCTIONS OF DAPHNIA MAGNA	South Korea	SOYEON YOON	Participant
2209	Science	AQUA SOLIS - SOLAR SYSTEM OF WATER PURIFICATION	Brazil	MARIA CLARA MOREIRA BONFIM	Participant
2218	Science	A NOVEL CLOUD-CLIENT BASED VISUAL AID USING REINFORCEMENT LEARNING	China	JASMINE LIU	Silver
2226	Art	SEA CREATURES IN DANGER OF EXTINCTION	Kyrgyzstan	BAKTYBEK ARSTANBEKOV	Honorable Mention
2237	Science	APPLICATION OF HYDROTHERMAL CARBONIZATION PROCESS ON TANGERINE AND BANANA PEELS FOR THE REMOVAL OF HEAVY METALS FROM WASTEWATER	Turkey	MELIS ATA,NAZ KURTULUS	Gold
2238	Music	OUR FUTURE	Vietnam	CHI LY KHANH MAI	Silver
2239	Science	DNA-BASED DATA STORAGE A NOVEL AND ENVIRONMENTALLY SUSTAINABLE APPROACH TO DIGITAL DATA STORAGE	United States Massachusetts	SOYOON KIM	Silver
2243	Science	USE OF BIOALLIUM TO COMBAT THE PESTS THAT AFFECT PLANTS IN THE MUNICIPALITY OF	Brazil	ALICIA NEIANNY	Honorable Mention
2245	Science	MICROGREENS TO MICROGRAVITY - EXPLORING THE EFFICACY OF SEEDLINGS AS A FOOD SOURCE FOR SPACE EXPLORATION	United States Minnesota	PARKER SICKMANN	Participant

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2250	Science	HIGHLY ACTIVE CERIA-DOPED SINGLE ATOM CATALYSTS TO REPLACE PLATINUM IN PEM FUEL CELLS	United States New York	SAANVI KAPOOR	Gold
2252	Science	VIPR - VIBRATION INDUCED PARKINSON RELIEF	United States Texas	ANUSHKA SRIDHAR	Bronze
2260	Robotics	EV3 FORESTER	Albania	GLEN QESKU,ENDI REXHEPI,ELDI PASHAJ	Participant
2262	Science	TWO-AXIS RUDDER ROV FOR FLOW ADAPTATION AND ENERGY OPTIMIZATION	China	CHRISTY SUM YU CHEUNG	Bronze
2263	Science	PREVENTING STEEL CORROSION BY LAVENDER OREGANO AND BAY OILS AS GREEN INHIBITORS	Albania	FLAVIO SINA,SUEJD SEJRANI	Participant
2268	Business	SELVAVIVA	Paraguay	AGOSTINA VIRE,SOPHIA SOTO	Gold
2269	Science	PREVENTION OF CHLORINE-BASED FOG CAUSED BY CALCIUM CHLORIDE SNOW REMOVER WITH CARBONATE-FORMING BACTERIA	United States Massachusetts	ANTHONY SUNBEOM KIM	Silver
2270	Science	HYDROENERGY PARAGUAY	Paraguay	MARIA JOSE ROMERO RIOS,CECILIA MARIA CALCENA RODRIGUEZ	Silver
2273	Robotics	ECOLOGICAL ROBOT	Kosovo	LEART BYTYQI,ARDIT SEFERI	Honorable Mention
2279	Science	REFINING A NOVEL PEDIATRIC BIONIC ANKLE THROUGH EMPIRICAL TESTING AND INTEGRATION OF AN INTELLIGENT FLUIDIC JOINT CONTROL ARCHITECTURE	United States Connecticut	ADITI BHATTAMISHRA	Silver
2280	Science	BRAIN - THE CENTRAL MACHINE OF THE UNIVERSE	Brazil	RAQUEL REBELO BRITO AGUIAR	Participant
2284	Science	NOVEL ECO-FRIENDLY SOLUTION TO PLASTIC STRAWS	United States Virginia	SEAN LEE,KEVIN LEE	Honorable Mention
2287	Art	EARTH SOS URGENT NEED HELP	Kyrgyzstan	TENIZBEK TOKTOMUSHEV	Honorable Mention
2289	Science	REMEDATING CARCINOGENIC CONTAMINATION PRODUCED BY TEXTILE WASTE USING WOOD-DECAY FUNGUS	South Korea	YUNSEO LEE	Silver
2294	Science	ETHANOL - PRODUCTION FROM WASTE TEXTILES	Switzerland	MARKUS RICKENBACHER	Participant

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2295	Art	ONE BORDER - TWO WORLDS	Switzerland	MANON VERNIER	Silver
2297	Short Film	LOCAL IS BETTER	Albania	XHOEL HOXHA, FLORJON GURI	Silver
2298	Science	THE SYSTEM OF UNDERGROUND PIPES TO HEAT A HOUSE	Paraguay	NAHUEL SHINNOSUKE BURZIO MATSUMOTO, AGUSTINA FLORES LARREA	Participant
2299	Science	REDI-PLASTIC - RECOVERY OF USED PLASTICS TO OBTAIN NEW PRODUCTS	Brazil	MARINA ESCALONA	Silver
2300	Science	DEVELOPMENT OF A SMART TRAFFIC LIGHT SYSTEM AIMED AT THE PHANTOM TRAFFIC JAM PHENOMENON USING GENETIC ALGORITHMS	Brazil	MURILO VICARI HADAD, ALEXYS VIVES BERNARDINO ALVES	Bronze
2301	Science	REUSE OF AIR CONDITIONING WATER	Paraguay	SABRINA GARDINI PECIN, MAIA PALOMA ROJAS VON KNOBLOCH	Participant
2304	Robotics	AGRO TECHNICAL ROBOT	Kosovo	DIELLOR AVDIU, ELDAR GASHI, BLEND LEKIQI	Participant
2317	Science	YEAR III - DEVELOPING OCTOPAS - NOVEL METHOD FOR OIL SPILL CLEANUP THROUGH AN OPTIMIZED PRAGMATIC AUTOMATED SYSTEM	United States Florida	MONISH SARAVANA KUMAR DIVYA SUNDARI	Silver
2319	Business	ENTOMO F&B	United States Rhode Island	SUNGMIN CHEON	Participant
2322	Science	EFFICIENTLY CHARGING ELECTRIC VEHICLES THROUGH THE USE OF PARKING SLOTS	Pakistan	ABDULLAH EHSAN	Participant
2323	Science	REMOVAL OF NANOMICROPLASTICS IN SEAWATER AND SEA SALT IN SALT FARM USING OTHER PARTICLES	South Korea	SAHNGWON LEE	Bronze
2324	Science	AN INVESTIGATION ON THE MANUFACTURE AND APPLICATION OF BIOCHAR FILTERS FOR WATER TREATMENT AS A CLIMATE CHANGE RESPONSE AND APPROPRIATE TECHNOLOGY	South Korea	SOOA HONG	Gold
2325	Art	GLOBAL WARMING	South Korea	JIAN CHOI	Honorable Mention
2338	Art	STATUE OF LIBERTY DYING IT IS ALREADY TIME TO THINK	Kyrgyzstan	YAHYOBEB ABDULLAZHANOV	Participant
2348	Art	A POLLUTED FUTURE	South Korea	HYUNGYOON CHO	Gold
2365	Art	ABSOLUTE FREEDOM	United States New Jersey	AUSTIN CHA	Bronze

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2377	Science	GREEN ELECTRONICS	United States Minnesota	JOHN LIU	Silver
2383	Art	GREEN ENVIRONMENT REQUESTED	Kyrgyzstan	SALAMAT SUBANBEKOV	Participant
2385	Art	DESTRUCTION OF WATER INHABITANTS	Kyrgyzstan	MADINA ALIKULOVA	Honorable Mention
2387	Music	HOW FAR I WILL GO	Kyrgyzstan	AMINA KOSHUBAKOVA	Bronze
2391	Science	REMEDIATION OF WILDFIRE-DAMAGED SOIL USING OIL-DEGRADING BACTERIA AND LIPASE	South Korea	REEA KIM	Honorable Mention
2394	Science	SYNTHESIS OF L-LACTIC ACID FROM CO2 BY ARTIFICIAL PHOTOSYNTHETIC MICROBIAL COMMUNITIES	China	YUCHENG QIAO	Bronze
2395	Science	OPENMV TABLE TENNIS MACHINE	China	ZIHAN TANG	Participant
2398	Science	A STUDY ON THE IMPACT OF OVERFISHING IN STOCK ASSESSMENT USING EDUCATIONAL COMPUTER GAME	South Korea	TAEHOON KWON	Silver
2399	Science	TARGETING TNFRSF1A GENE BY SIRNA EFFICIENTLY BLOCKS METASTASIS OF BRAIN CANCER IN 3D PRINTED TISSUE MODEL	South Korea	ANDREA KIM	Grand
2410	Science	CONFIRMATION AND SOLUTION TO THE INCREASE IN PROPAGATION POWER OF SOIL HARMFUL BACTERIA DUE TO GLOBAL WARMING	South Korea	ETHAN SEONG JAE YOO	Participant
2415	Robotics	THE GARDENING ROBOT	Kosovo	OLTION GASHI,MARTA QERKINI,BLINA RRAHMANI	Participant
2419	Writing	ACTIONS TO SAVE MY HOMETOWN FROM CLIMATE CHANGE	South Korea	ELIZABETH KIM	Honorable Mention
2422	Short Film	GIFT	China	ZIYANG XU	Participant
2426	Science	ARE COMMON COSMETIC PRODUCTS ATTRACTIVE OR REPELLENT FOR TICKS	Slovakia	NATALIA IVANECKA,LAURA KLEINOVA	Gold
2428	Science	INVESTIGATING THE METALLIC FABRIC ELECTRODES OF WATER ELECTROLYSIS FOR CORROSION REDUCTION AND HYDROGEN GENERATION ENHANCEMENT	United States New York	ALARA YILMAZ	Honorable Mention
2432	Science	INTRAORAL VITAMIN D TOOTHPASTE FORMULATION WITH POLYSORBATE 80 AND DMSO	United States Pennsylvania	JAESEOK YOON	Bronze

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2444	Science	INVESTIGATION OF FUNCTIONAL ROLE OF A NOVEL BIOMARKER CCNC GENE DELETION ON HUMAN LEUKEMIA CANCER	United States Massachusetts	SOOAH YOO	Participant
2448	Art	1 BREATHLESS 2 FRESHEST FISH IN THE WORLD	South Korea	KRISTINE CHUNG	Silver
2455	Business	RENAISSANCE CLOTHING BUSINESS PLAN	Taiwan	CHI- HSUAN WU,CHI- CHEN WU	Honorable Mention
2470	Robotics	OGUZROBOT 1	Turkmenistan	JUMALY JUMALYYEV,YBRAYIM ANNAMYRADOV, PIRGULY OVEZOV	Grand
2473	Science	RESTORATION OF SOILS FROM FOREST FIRES USING ACTINOMYCETES AND HYDROGEL	South Korea	SEOK HYEON MOON	Honorable Mention
2480	Science	CINNAMON A NATURAL KIT FOR DIABETES	Angola	CELIA JOAO,ADFRANCIS PAMBASANGE	Participant
2483	Science	EFFECTS OF RISK LRRK2 MUTATIONS ON BACTERIAL GUT MICROBIOME IN INFLAMMATORY BOWEL DISEASE	United States New York	CATHERINE CHUN	Silver
2486	Writing	WHATS BEHIND THE SWEETS AND 2 MORE POEMS	China	JONGWOO LEE	Gold
2487	Science	EFFECT OF NATURAL LANGUAGE PREPROCESSING BY FREQUENCY BASED WORD SUBSTITUTION	South Korea	YOUNHA JEONG	Bronze
2489	Business	DELIVERYRS	South Korea	STEVEN KWON	Participant
2490	Science	ECO-FRIENDLY FLAME RETARDANTS PROVIDING HIGH FLAME RETARDANCY AND MECHANICAL REINFORCEMENT TO BIOPOLYMERS	South Korea	MINSIK SHIN	Silver
2491	Science	CLEAN SAFE AND AFFORDABLE DRINKING WATER FREE OF MICROBIAL CONTAMINANTS USING UVA LIGHT EMITTING DIODES	United States Maryland	SUDHISH SWAIN,AADI GANNAVARAM	Gold
2497	Science	COMPOSITION OF A NEW CHORD SYSTEM APPLYING MICROTONES AND DEVELOPMENT OF AI ACCOMPANIMENT COMPOSITION SYSTEM	South Korea	SEONGJAE JEONG,YOSEPH HAN	Honorable Mention
2502	Short Film	SKULL OF THE OCEAN	Indonesia	HYEONJUN BAE	Bronze
2504	Science	ADVANCED SUPERHYDROPHOBIC COATINGS BASED ON MODIFIED SILICA NANOPARTICLES DEPOSITED ON GLASS AND ALUMINIUM SURFACE	Slovenia	ELA PODBORSEK,TIM STRNAD	Gold
2507	Science	ASSESSING IF BEHAVIORAL COMPONENTS OF AROUSAL IN WORKING DOGS INFLUENCE THEIR OLFACTORY THRESHOLD	United States New York	KIERA GOFF	Silver

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2508	Science	DESIGNED SENSORS OF VIRAL ACTIVITY BASED ON RE-ENGINEERED INNATE IMMUNITY COMPONENTS	Slovenia	MASA BRATKOVIC,ZOJA JESIH	Bronze
2510	Science	EFFECT OF MONOCARBOXYLIC ACIDS ON PROPERTIES OF METAL-ORGANIC FRAMEWORKS	Slovenia	OLIMPIA KUPLJEN,LIVIJA PIRC	Bronze
2511	Science	FULLY AUTOMATIC CONTROLLED ENVIRONMENT AGRICULTURE USING MACHINE LEARNING BASED PLANT SIZE ESTIMATOR	South Korea	SEUNG WOOK YOON	Silver
2515	Science	A HEALTH TRACKING SYSTEM FOR PATIENTS WITH HIGH BLOOD PRESSURE	Jordan	YAMAN ALSAIDI	Participant
2516	Science	CHEMOTHERAPY ATTENUATES CORTICAL THYMIC EPITHELIAL CELLS LEADING TO IMPAIRED THYMIC FUNCTION AND SYSTEMIC IMMUNITY	United States New York	CONNER ENTENBERG	Bronze
2517	Art	THE EXODUS PARADOX	Lithuania	YUSUF SAYIN	Silver
2518	Science	TUNING PHASE MORPHOLOGY AND MECHANICAL PROPERTIES OF POROUS HYDROGELS FOR TISSUE ENGINEERING	United States New York	TAYLOR BASSI	Honorable Mention
2520	Science	EXPLORING THE RELATIONSHIP BETWEEN ANTIBIOTICS FUNCTION AND BIOFILM FORMATION THROUGH PYTHON	South Korea	JIHONG KIM	Honorable Mention
2523	Science	DETERMINING THE GAMMA STABILITY OF NON-WEAPONIZABLE LOWLY ENRICHED URANIUM FUEL AS IT RELATES TO ITS DENSITY	United States New York	DAVID BARLOW	Silver
2527	Science	REUSE OF SHRIMP WASTE	Brazil	LETICIA SILVESTREIM FEITOZA	Bronze
2528	Science	EFFECT OF EPIGENETIC MODIFIER DECITABINE ON CANCERTESTIS CT ANTIGENS HUMAN ENDOGENOUS RETROVIRUSES HERVS AND NEOANTIGENS FROM RENAL CELL CARCINOMA CELL LINES BY HLA-I IMMUNOPEPTIDOMICS	United States New York	DANIEL LEE	Honorable Mention
2531	Science	SINGLE CELL TOPOLOGICAL AND TRANSCRIPTION ANALYSIS OF ANTIMETASTATIC EFFECTS OF CARM1 INHIBITORS	United States New York	NUANYANG WANG	Honorable Mention
2535	Science	AN APPROPRIATE TECHNOLOGY APPROACH FOR UTILIZING PLASTIC WASTE DERIVED COOKING FUEL TO REDUCE INDOOR AIR POLLUTION FROM SOLID FUEL COOKING	United States New York	YANSI FOONG	Silver
2537	Science	IDENTIFYING DRUG TARGETS IN THE HUMAN EPILEPSY BRAIN FROM PROTEOMIC ANALYSIS	United States New York	ALEX WILLIAM	Bronze
2541	Science	A SIMPLE BUT EFFECTIVE APPROACH FOR MYOCARDIAL PATHOLOGY SEGMENTATION	United States New York	ALBERT LI	Participant

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2544	Writing	THE CLOUD OF OUR CREATION	United States New Jersey	AARAV GEORGE	Honorable Mention
2546	Science	DISINFECTANT PROPERTIES OF NUPHAR ADVENA AN ETHNOPHARMACEUTICAL APPROACH	United States Minnesota	JOHANNA BERNU	Gold
2547	Science	DEVELOPING SUSTAINABLE WATER AND ELECTRICITY FOR IMPOVERISHED REGIONS USING ALGAE-BASED BIO-PHOTOVOLTAICS	United States New York	DOROTHY CHOI	Honorable Mention
2551	Science	ANALYZING THE RELATIONSHIP OF LEARNING STYLE AND PERSONALITY IN E-LEARNING	Pakistan	MUHAMMAD UMAR BIN NADEEM,JANNAT TARIQ	Participant
2555	Science	AN INVESTIGATION INTO THE IMPACT OF AN ION TOWER SYSTEM ON THE ATMOSPHERE OF BRITISH COLUMBIA	Canada	MINSEOK KIM,KYEONGPIL NAM	Honorable Mention
2557	Science	ALLERGEN MEDICAL DATA CLUSTERING ALGORITHM WITH IMPROVED WEIGHTED CALCULATION	South Korea	IGYEONG CHA	Honorable Mention
2571	Science	A STUDY ON THE SOUND ABSORPTION PERFORMANCE OF THE MOTH- EYE STRUCTURE	South Korea	UIYUN CHUNG	Honorable Mention
2575	Art	KEEP THE SOURCE OF LIFE ALIVE	Vietnam	HONG KIEN PHAM	Bronze
2606	Writing	PADDLING OUT AND ETC	United States California	ALISON HWANG	Grand
2609	Short Film	KUIKILA	Angola	NALDINO GAMA,OHANA BENTO	Silver
2612	Science	SOLARCITY	Kosovo	ANISA MIFTARI,DEA RUDARI	Honorable Mention
2614	Writing	AWAKENING OF A SALAD BOWL	Macao	HEI KIO NG	Gold
2618	Science	SHOE GENERATOR	United Kingdom	ARJUN GUPTA	Honorable Mention
2619	Science	THE SYNERGY EFFECT OF ULTRASONIC AND ALKALINE PRETREATMENT OF SLUDGE ENHANCING BIOMETHANATION AND BIOKINETIC ANALYSIS	South Korea	MINJUN SOHN	Honorable Mention
2621	Art	TREE OF LIFE AND SILENT SCREAM	South Korea	HANNA YEO	Bronze
2623	Science	TO COMBAT THE ISSUES OF OVERFISHING AND EXCESSIVE HUNTING BY DISPELLING DIETARY MISCONCEPTIONS A STUDY OF BCAAS EFFECTS ON LIVER CANCER	China	HOIYI CAO	Honorable Mention

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2634	Science	DISEASE DETECTOR WITH ONE BREATH	North Macedonia	ATINA RUVINOVA	Gold
2636	Science	TURNING WASTE INTO TREASURE - BIODEGRADABLE BAGS FROM DURIAN SHELLS	Macao	KA WAI WU,HOI CHAK LAM	Honorable Mention
2651	Business	UPCYCLED BEAUTY	South Korea	SUHEUN LEE	Honorable Mention
2652	Music	EARTH SONG	Kyrgyzstan	ERKEAIYM TURGANBAEVA	Silver
2655	Short Film	PROTECT NATURE TO PROTECT YOURSELF	Albania	ILVI PEPA	Participant
2658	Art	INDIGESTION	South Korea	ANGELINA KIM	Bronze
2667	Art	THERE IS NOTHING MORE IMPORTANT THAN A HOME	Kyrgyzstan	SAMIRHAN DZHUMAEV	Honorable Mention
2669	Robotics	GENIUS OLYMPIAD GENIE FORESTER	South Korea	SHIHO YU,JUNGWON BAE,MINYOUNG JUNG	Honorable Mention
2673	Science	THE PRESENCE OF IRON ION IN ACIDIFIED SOIL SOLUTION AND A PLAN TO INHIBIT PLANT GROWTH CAUSED BY AN INCREASE IN ITS CONCENTRATION	South Korea	ZHENGXI JIN	Honorable Mention
2674	Short Film	FOOTPRINTS BY WHOM	Macao	IENG TONG LAO,WENG I LO	Grand
2682	Science	VISIONAI - HUMAN EYE FUNDUS SCREENING SYSTEM BASED ON AI DEEP LEARNING TECHNOLOGY	South Korea	SUNGJU PARK	Silver
2683	Short Film	ONE WAY TO MAKE THE WORLD A BETTER PLACE	Kyrgyzstan	AKTAN KANAGATOV,AIBATYR KURMANBEKOV	Participant
2684	Science	EFFICIENT DROPLET ROUTING ALGORITHM ON MICROFLUIDICS CHIPS	Singapore	CHAN NAMGOONG	Gold
2685	Robotics	KZN STARS	South Africa	VARDHAN MAHARAJ,PRANAAM MAHARAJ	Honorable Mention
2688	Writing	THE BROKEN WORLD	Mexico	MARIA MONTSERRAT CABRERA HERNANDEZ	Honorable Mention
2693	Art	VISION ON A RAINBOW	Mexico	JOSE EDUARDO GREER RAMIREZ	Participant

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2701	Short Film	WE NEED TO BREATHE	Hong Kong	MICHAEL PARK	Honorable Mention
2707	Science	STUDIES ON THE CAPABILITY TO TREAT SALINE-CONTAMINATION OF VETIVER GRASS VETIVERIA ZIZANIOIDES	Vietnam	DANG NGUYEN MINH,HUNG NGUYEN LE CHAU	Bronze
2709	Science	THE IMPACT OF FUNGICIDES ON THE QUANTITY OF THE WINTER BEE POPULATION	Slovakia	DANA TRNKOVA	Participant
2712	Science	PROCESSING OF FOAM WASTE TO REPLACE SAND IN THE PRODUCTION OF CEMENT BLOCKS	Thailand	BOOSSAYAMAS MEEBOON,PIMCHANOK SEUBSEN	Silver
2713	Writing	THE HEART OF FASHION SUSTAINABLE GLAMOUR	Vietnam	HAN TU LY GIA	Silver
2724	Art	BEAUTIFUL DEAD LIFE	Mexico	SHAMYRA QUIROZ ARENAS	Honorable Mention
2725	Short Film	GENIUS OLYMPIAD - 2023 FREEDOM OR FRIGHT	Vietnam	CHAU NGUYEN THI BAO,ANH TRAN PHUONG	Bronze
2730	Science	A DEEP LEARNING-ORIENTED AI SOLUTION TO FIRE DETECTION AND RECOGNITION FOR WILDFIRES	United States Virginia	DAVID SONG	Bronze
2731	Short Film	SNOW LEOPARD IN KYRGYZSTAN	Kyrgyzstan	AZIM AIDAROV,DAUD MURATBEK	Bronze
2732	Science	INCREASE OF EGG LAYING IN LAYING HENS USING DIFFERENT KINDS OF WATER	Slovakia	ANNA PENZESOVA	Honorable Mention
2733	Writing	SIGNATURE	Angola	ADIEL INACIO	Honorable Mention
2737	Writing	WHAT HAVE I DONE TO THEM	Angola	HENDA SOLANO	Silver
2739	Writing	SEAS IN ANGOLA	Angola	TATIANA LOPES	Participant
2740	Short Film	ITS TIMETO ACT	Albania	ERISA HOXHA,ANISA LAZI	Honorable Mention
2747	Science	OBTAINING A PLANT FROM CARROT CALLUS BY THE METHOD OF BIOTECHNOLOGY	Lithuania	EDILIJA MARKAUSKAITE	Participant
2749	Science	A MORE SUSTAINABLE DECELLULARIZED PLANT SCAFFOLD FOR LAB GROWN MEAT WITH OCEAN WATER	United States New York	ISABELLA JABBOUR	Silver

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2751	Science	BIODEGRADATION OF NYLON BY THE FURNITURE CARPET BEETLE LARVAE	South Korea	JOSEPH LEE	Silver
2756	Writing	WHAT IF THERE IS NO TOMORROW	Angola	PRISCILA BENGUE	Honorable Mention
2761	Science	TUMOR REPLACEMENT THERAPY USING TESTICULAR CANCER TO TREAT PROSTATE CANCER	United States New York	EDWARD MAJOR	Silver
2762	Science	THE EFFECT OF NI-CHELATOR DIMETHYLGLYOXIME ON BACTERIAL CONTAMINATION OF POULTRY MEAT	United States New York	AYAN BARNWAL	Participant
2765	Science	ANATOMICAL AND FUNCTIONAL CHARACTERIZATION OF CEREBELLAR PROJECTIONS TO THE SUBSTANTIA NIGRA PARS COMPACTA	United States New York	SAVANNAH DONAHUE	Bronze
2766	Business	GEOTEXTILE GLACIER-PROTECTION SHEETS IN AUSTRIA	Austria	MARLENE TOJNER,ANNA CLARA SILVA HOFSTADLER	Gold
2770	Robotics	PROSTHETIC PLANTERS	United States New York	SAMARA HURTADO,LESTER GONZALEZ,MICKAYLA PAGAN	Bronze
2771	Robotics	ATOMIC ATOMS	United States New York	ANDRE MCCLAIN,THEODORE SIMON,JENELL VIRGILIO	Honorable Mention
2772	Robotics	THE ROBOT PLANTER	United States New York	AAMIRAN RIDHA,ELDA GOODYEAR,ARACELI GOODYEAR	Honorable Mention
2773	Science	A STUDY ON THE AGGRESSION OF DROSOPHILA MELANOGASTERS X CHROMOSOME MUTATION ACCORDING TO THE STRESS ENVIRONMENT	United States Washington	REBECCA KIM	Bronze
2776	Business	LIQUIMICROFIBER	United States Virginia	ABHIGEETHA PERIYASAMY	Silver
2778	Business	ECODATALAKE	South Korea	YUNJAE NAM	Participant
2781	Writing	EMBRACING PLASTIC	South Korea	PHOEBE OH	Silver
2783	Science	A STUDY ON APPLYING SILICAGEL TO ELIMINATE COLOURANTS IN DYED WATER	Vietnam	LONG DO NGUYEN,MINH NGUYEN TUAN	Bronze
2786	Robotics	GREENGENIEX	Kosovo	VARIS GASHI,MALSOR ARIFI	Participant
2789	Art	CANDLE OF LIFE	Indonesia	MUHAMMAD KALEL RASHAD	Grand
2795	Art	APPROACHING CHECKMATE	Indonesia	CLARINTA PUTRI HUTOMO	Silver

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2796	Science	ANALYSIS OF THE ASSOCIATION BETWEEN CANCER INCIDENCES AND REGIONAL HEALTH RISK BEHAVIORS IN KOREA	South Korea	JUNSEO PARK	Silver
2800	Science	A 3D TERRAIN RENDERING SYSTEM BASED ON UWB	China	RONGXUAN ZHU	Participant
2803	Art	BOTTLES CAN BE RECYCLED BUT STUPIDITY CANT	United States New Jersey	DAJEONG WON	Silver
2810	Art	MOTHER NATURE OR MONEY NATURE	South Korea	HYEONJIN BANG	Silver
2813	Science	DETECTION OF SMOKE PLUMES FROM CROP BURNING USING SATELLITE IMAGERY	United States California	ROHIT RAMAN	Bronze
2814	Science	SMART THERMAL ORIENTAL FRUIT FLY TRAP AN INNOVATION DEVELOPED FROM THE CORRELATION OF ORIENTAL FRUIT FLIES INVASION AND LOCAL CLIMATE CONDITIONS	Thailand	PROADPRAN CHANTHAMMAPHITAK	Silver
2816	Business	MILK PHOTO	South Korea	IAN YOON	Honorable Mention
2818	Robotics	GENIE FORESTER	Indonesia	TEUKU ARKANSYAH ALI,RINGGAS NITYO SAMPURNO,RAYAN DENIZ ROMPAS	Participant
2820	Science	STEREOCHEMICAL ANALYSIS OF SUSTAINABLE METAL-ORGANIC FRAMEWORKS	South Korea	DONGMIN YOON	Bronze
2822	Music	HOW FAR I WILL GO	Indonesia	RADEN RORO NAJLA BAKHITAH FADYA BRAMANTYO	Bronze
2828	Art	THE DEATH OF A TIDAL FLAT	South Korea	ELLA CHOI	Silver
2829	Art	FLOODING	United States Massachusetts	JAY SHIN	Silver
2830	Science	APPLICATION OF GENETIC ALGORITHM TO DERIVING EFFICIENT ROUTING METHOD FOR VISITING ELDERLY LIVING ALONE	South Korea	JINU BAEK	Honorable Mention
2832	Science	ELCADOS	Indonesia	SYAHRA QURANI ISKANDAR,RAZWA AMIRA NASUTION	Bronze
2837	Writing	THE WAVE OF JUDGEMENT	Indonesia	JENITRY MASYULASIQA	Participant

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2842	Writing	FIRST R INSTEAD OF THE THIRD R	Indonesia	FATIMAH ALZAHRA SALSABILA	Bronze
2844	Writing	THE DRAWBACKS OF INDUSTRIALIZATION	Indonesia	RAINER TEVANDER SUTISNA	Participant
2845	Writing	A BATTLE OF CLEAN AIR	Indonesia	KHANSA AMIRA PASHA	Silver
2846	Writing	THE ONCE BEAUTIFUL SEA	Indonesia	ALLENDRA GHIFARAYYAN ANANDYKA	Participant
2847	Science	OBJECT DETECTION APPLICATION IN MONITORING LAND TRAUMA USING SATELLITE GRAPHS	United States Oregon	CHUN WAI MARK HU	Honorable Mention
2849	Business	AIRVELY	South Korea	JUSTIN KIM,MINJOON KIM	Gold
2853	Art	RIPPLE EFFECT - THE SEA IS RISING AND THE MAP IS CHANGING	South Korea	ONYU LEE	Bronze
2861	Art	DEEP OCEAN POLLUTION	South Korea	JAEO BAN	Gold
2866	Science	MEASUREMENT AND CONTROL OF SALTS MINERALS AND PH IN HYDROPONICS USING SMART TECHNOLOGY	Jordan	LAITH ALAZZEH	Honorable Mention
2867	Writing	HONEYCOMBS	South Korea	EDWARD YOON	Gold
2875	Art	HOMELESS	South Korea	DANIEL KIM	Bronze
2880	Science	DESIGNING MEDICAL CENTER FOR KELOID THERAPY USING 3D PRINTED COMPRESS AND WRAPS	Kazakhstan	MERUYERT MUKANOVA	Honorable Mention
2881	Art	TEARS OF REGRETTING THE ENVIRONMENTAL ISSUE	South Korea	JIEUN PARK	Bronze
2883	Science	REMOVING ARSENIC FROM WATER	North Macedonia	MATEA PEEVA	Honorable Mention
2885	Science	EXAMINING THE EFFECT OF LAB PROBIOTIC ON HONEY QUANTITY AND QUALITY	Jordan	SANAD EL-BANNA	Bronze
2888	Science	CHEMICALLY MODIFIED PISTACHIO SHELL FOP REMOVAL OF IBUPROFEN AND AMOXICILLIN IN WATER	Jordan	TAMAM ALTAYEB,SANA MOHAMMED	Silver
2889	Art	EXTINCTED POLAR BEAR MADE WITH MACHINE IN THE FUTURE	United States Massachusetts	HEYON CHOI	Gold
2890	Writing	THE MUSIC LOVING TREE	North Macedonia	KAJA ZDRAVESKA	Bronze
2894	Short Film	HOW WE ARE TALKING ABOUT CLIMATE CHANGE IS WRONG	Vietnam	DO THUY MIEN THAO	Gold

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2896	Science	DETERMINING ASSOCIATION BETWEEN DIFFERENT SPECIES OF INSECT GALLS ON THE SOLIDAGO ALTISSIMA	United States Connecticut	SOPHIA LIU	Honorable Mention
2902	Science	NOVEL MULTIDOMAIN MACHINE LEARNING MONITORING SYSTEM ON THE BRAIN FOR ASSISTIVE LEARNING	United States Illinois	RYAN CHO	Silver
2903	Science	BIO-DIES IS THE BUSINESS PRODUCTION OF BIO-DIESEL	North Macedonia	DORANT AJRO,LISI KOXHAXHIKU	Bronze
2906	Writing	CRACKS IN THE PAVEMENT	Angola	WEZA INACIO	Honorable Mention
2913	Writing	OUR WORLD OUR RESPONSIBILITIES	North Macedonia	VERONA AJRO	Participant
2914	Art	WHOSE FAULT	Angola	ODETE PITRA	Silver
2916	Science	SOLUTION TO COMBAT THE CRISIS OF SPACE DEBRIS	South Korea	HYUNSEUNG CHO	Silver
2924	Art	ENDURANCE OF ATLAS	Angola	HUGO CONTREIRAS	Honorable Mention
2925	Science	GREEN LACEWING EGG INCUBATION SYSTEM FROM MODIFIED LEAVES FOR BIOLOGICAL PEST CONTROL	Thailand	PANNATHORN SIRI	Gold
2926	Science	CRISPRPROMOTER-DERIVATIVE SIMILARITY COEFFICIENT FOR EFFICIENT VETTING SYSTEM TO SUPPRESS TRANSMISSION OF VARIOUS AIRBORNE DISEASES	United States New York	AADITYA BATRA	Participant
2928	Science	IMOD 3D AMPHID NEURON MODELS AS AN INDICATOR FOR STRUCTURAL DIFFERENCES IN MUTANT NFYA1 C ELEGANS	United States New York	SOFIA DIMELLA	Honorable Mention
2935	Science	DETECTION OF SUGAR IN TROPICAL PARASITOID WASPS FOR INTEGRATED PEST MANAGEMENT	Thailand	VORARUTHAI PUENGCHANCAIKUL	Gold
2939	Science	INVESTIGATING A POTENTIAL CORRELATION BETWEEN CONCENTRATIONS OF NO2 AND SO2 AS THEY RELATE TO CARDIOVASCULAR DISEASE HOSPITALIZATION RATES ACROSS NEW YORK STATE COUNTIES	United States New York	CHARLES HEESE	Honorable Mention
2942	Science	CREATING A SYNTHETIC VIOLACEIN FABRIC DYE OUT OF TRANSFORMED E COLI	United States New York	MIGUAL MATHIS,GRACE ONEILL	Silver
2943	Science	PYROLYSIS FROM INNOVATION TO SOLUTION	Kosovo	VERA QERIMI	Honorable Mention

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2948	Science	USED COOKING OIL A CHEAPER WAY TO PRODUCE BIO FUELS	Brazil	MAITE WINGERT,MATHEUS GABRIEL DE SOUZA	Silver
2959	Art	MARITIME POLLUTION	Angola	HELIO BAMBA	Honorable Mention
2964	Robotics	KUKUNA	Angola	CARLA ALBERTINA,RAYANA CANDIDO	Participant
2973	Science	INNOVATIVE SYNTHESIS OF NANOSIZE AGBIS2 PHOTOABSORBER FILMS FOR ECO-FRIENDLY SOLAR CELLS	North Macedonia	MARKO PEJOV	Honorable Mention
2975	Art	THE BIGGER PICTURE	United States California	LOTUS WU	Bronze
2977	Business	SOLUBREE	United States California	JUNJIE LIANG	Silver
2979	Business	CORAL AS A SERVICE -CAAS	Italy	INJUN CHO	Bronze
2982	Music	REAL LIFE	Angola	ALICIA LIMA,ADRIEL DE OLIVEIRA,BRAULIO BRAVO	Grand
3001	Art	ROOTS	Macao	PUI LAM U	Gold
3002	Art	CITY AQUARIUM	Macao	KA WAI CHOI	Gold
3012	Science	UTILIZING CONVOLUTIONAL NEURAL NETWORKS AND COMPUTER VISION IN A NOVEL APPROACH TO BANANA DISEASE MANAGEMENT	United States Alabama	KEVIN YAN	Bronze
3014	Science	REMOVAL OF INORGANIC DYES A DANGEROUS CHEMICAL FROM WATER TO SAVE AQUATIC LIFE	Mozambique	MWAYI PAULINA GADAGA JOCITALA,ROSALINA JOAO MACANDJA MACANDJA	Silver
3015	Science	TURNING A SERIOUS PROBLEM INTO SOLUTION BY CONVERTING STYROFOAM INTO WATER FILTER	Mozambique	YUNE TOLAY DOS ANJOS LETELA,NYELETHY FELICIANO MASSINGUE	Gold
3016	Science	ORGANIC FUEL A REVERSIBLE SOURCE OF ENERGY	Mozambique	EVELYN PAULINO MUTOMBENE,AVRIL TERESA CHANDAMELA	Bronze
3017	Science	ECONOMIC AND EASY WAY TO REMOVE WATER POLLUTANT FROM WATER AND SOIL TO HELP RURAL AREAS	Mozambique	KEANNA BELARMINA AGOSTINHO LANGA,KHENSANI ANA CABUR DE CASTRO	Bronze

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3019	Science	USING ALGAE TO REDUCE EXCESS NUTRIENTS FROM RUNOFF WATER	Mozambique	MALIKI NORDINE JEQUE, THUMISSE RIBEIRO MANHICA PENICELA	Silver
3021	Science	EFFECT OF ORGANIC AND INORGANIC FERTILIZER ON FRUITS	Mozambique	MEL CLESIO CHIVULELE, SHANAIA RAMOS CAMAL	Silver
3022	Art	ENVIRONMENT IS A GIFT TO US SAVE AND SECURE IT	Mozambique	JOCELINA ANGELICA DE AMELIA MARCELINO	Bronze
3024	Art	TREAT THE EARTH WITH HEART	Mozambique	LIRIAN JULIETA MALAUENE	Honorable Mention
3026	Art	THE END TO THIS JOURNEY MIGHT BE THE END ITSELF	Mozambique	KARAH DANYELLA TONELA	Bronze
3028	Art	THINK THINK AND THINK	Mozambique	ISRAA LAAJAJ	Honorable Mention
3029	Art	POLLUTION IS AN INCURABLE DISEASE	Mozambique	IHSAN SOZEN	Bronze
3038	Science	INVESTIGATING THE EFFICIENT OXYGEN-PRODUCING PLANTS	Canada	TAEWAN KIM	Participant
3040	Short Film	HUMIDIFIER MENACE	South Korea	JUSTIN KIM	Silver
3042	Science	DESALINATION AND ELECTROLYSIS SYSTEM TO MAKE DRINKABLE WATER AND PROVIDE RENEWABLE ENERGY	United States New York	ALEXIA SAVAGE	Bronze
3044	Science	NOVEL ENVIRONMENTALLY ADVANCED HIGH-PERFORMANCE POLYMER COMPOSITES	Puerto Rico	VICTOR VASNETSOV	Gold
3048	Business	BREEWRAP	Indonesia	AISYA FITRIA, TANIA PUTRI AGNI PRAMESWARI	Bronze
3052	Science	THE NY CANID PROJECT ANALYZING SPATIAL BEHAVIORS BETWEEN COYOTE CANIS LATRANS AND RED FOX VULPES VULPES POPULATIONS IN URBAN AND SUBURBAN AREAS OF THE HUDSON VALLEY	United States New York	ISABELLA VINCES	Honorable Mention
3053	Art	BREATH	Kosovo	ARTIOLA HAMDIU	Honorable Mention
3057	Writing	THE TRUE COST OF THE CITY MAGNIFICENCE	South Korea	JAERYONG SUNG	Bronze
3059	Science	SYNTHESIS OF AU DECORATED NI MOF FOR EFFICIENT PHOTOCATALYTIC DEGRADATION OF MCLR CYANOTOXIN IN AQUEOUS MEDIUM	United States New York	CONRAD BLAHA	Gold

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3071	Science	AN EFFECTIVE AI SATELLITE BUOY SYSTEM BASED ON THE PISTIA STRATIOTES TO PREDICT SALINITY INTRUSIONS AND FLASH FLOODS	Thailand	PAWARIT CHAYAWIWATKUL	Silver
3074	Writing	I AM LIFE	United States Washington	TAYA KIM	Silver
3086	Business	BIOFRAME SOLUTIONS	United States Texas	RAYMOND ZHANG,SUDEN PRASHAR	Honorable Mention
3097	Science	A PYTHON TOOL FOR ANALYSIS AND PREDICTION OF BIO-OIL QUALITY USING MOLECULAR COMPOSITION DATA DERIVED FROM FT ICR MS	United States Florida	KAVYASHREE KADHIRVELU	Bronze
3108	Science	EXAMINING PRODUCE YIELD OF CAPSICUM ANNUUM IN COMPOST ENRICHED SOIL WHILE TRACKING HOUSEHOLD WASTE REDUCTION	United States Ohio	JAMES BELL IV	Silver
3114	Science	USING A SELF-CONSTRUCTED ANAEROBIC DIGESTER TO PRODUCE BIOGAS FOR DEVELOPING COUNTRIES USING SEA KELP AND COW MANURE	United States New York	CORRYN WATT	Silver
3117	Business	P CUBE - PLUG N PLAY PROSTHETICS	United States New Jersey	SAANVI MUTHUCHETTY	Bronze
3131	Science	A STUDY ON THE EFFECT OF TAKING PROBIOTIC LACTOBACILLUS REUTERI LOZENGES ON PORPHYROMONAS GINGIVALIS IN THE ORAL CAVITIES OF ELDERLY PATIENTS	South Korea	YOUNGWOOK KIM,HANNAH KIM	Participant
3135	Science	DEMONSTRATION ON THE CORRELATION BETWEEN REFLECTION AND INTELLIGENCE IMPROVEMENT IN LEARNING	South Korea	HO JEONG LEE,JAE WOOK CHO	Honorable Mention
3136	Science	EFFECT OF ROOTPIPES ON LANDFILL GAS EMISSIONS	United States California	KENNESHA GARG	Gold
3138	Science	EVALUATION OF VEGETATIVE PROPAGATION PROCESSES BY ROOTING CUTTINGS WITH THE USE OF HYBRIDS IN COFFEE PLANTS	Costa Rica	BIANCA ARAYA MURILLO	Bronze
3140	Science	IMPLEMENTATION OF A BIOLOGICAL CONTROL BASED ON THE FUNGUS LECANICILLIUM LECANII FOR THE CONTROL OF RUST	Costa Rica	ALINA SANCHEZ JIMENEZ	Bronze
3142	Science	TRIHALOMETHANE OCCURRENCE AND FORMATION WITHIN WATER DISTRIBUTION SYSTEMS IN PUBLIC SCHOOLS	United States Ohio	ELIZABETH THEOBALD	Bronze
3143	Science	COW TANK	Bosnia & Herzegovina	ARMAN DERVIC,EMIL HADZIC	Silver

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3145	Science	AUTOPHAGY IN NON-CELL AUTONOMOUS REGULATION OF ADIPOGENESIS	United States New York	KEVIN KHITROV	Honorable Mention
3146	Science	FREE CENTRAL HEATING	Bosnia & Herzegovina	DARIS FILOVIC,HADZERA DUG	Bronze
3148	Science	HOMOMORPHIC ENCRYPTION-BASED EFFICIENT SYSTEM FOR ILLEGAL POACHING PREVENTION	South Korea	MINSEUNG CHOI	Participant
3151	Business	RISE - BUSINESS SOCIAL RESPONSIBILITY	South Korea	DAHYUN AHN	Silver
3152	Science	CARBON FOOTPRINT IN FOODS APPLICATION THROUGH LSTM	South Korea	EUGENIE KWON	Honorable Mention
3153	Science	THE PATH OF SIGNAL TRANSMISSION IN THE PROCESS OF COMBINING MARCO AND PNEUMOCOCCAL LIGAND	South Korea	SOOHA LIM	Honorable Mention
3154	Science	DEVELOPMENT OF A NOVEL CELL-PENETRATING PEPTIDE FOR ANTI-CANCER THERAPY	United States California	YOUNG MIN	Honorable Mention
3161	Science	SILVER NANOPARTICLES EMBEDDED CELLULOSE ACETATE MECHANICAL VENTILATION FILTER	Jordan	DIANA ALNAJJAR,AHMAD KHASHASHNEH	Silver
3162	Science	IMPROVING CO2 ABSORPTION BY OCEAN USING SALINITY GRADIENT POWER TO PREVENT SEAWATER ACIDIFICATION	South Korea	YUJEONG HA	Gold
3164	Business	BOOKERIE	China	CHENGYU LIU	Participant
3168	Science	A MODIFIED METHOD FOR ASSESSING ELASTIC MODULUS OF SOFT MATTER	China	ZIHUA RONG	Silver
3170	Robotics	OGUZROBOT 2	Turkmenistan	DAVUT TACHMYRADOV	Bronze
3179	Science	ANALYSIS AND PREDICTION OF AIR QUALITY AND HEALTH QUALITY ZONES IN BIG CITIES BASED ON EARTH INTELLIGENCE	Germany	ARTEM SHELESTOV	Silver
3201	Art	A BEAUTIFUL OCEAN FROM FAR AWAY	United States California	EVELYN SONG	Silver
3205	Science	PEDS AI A NOVEL UAV BASED AI POWERED VISUAL ACOUSTIC PEST EARLY DETECTION AND IDENTIFICATION SYSTEM FOR FIELD DEPLOYMENT AND SURVELLIANCE	United States California	RYAN RUIEN ZHANG	Gold
3206	Science	RESEARCH ON A MULTI-DEGREE-OF-FREEDOM MODULAR SOFT SNAKE ROBOT	United States Washington	HONGYI HU	Bronze

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3207	Short Film	OCEAN PERILS THE LAUNDRY-DERIVED THREATS	Indonesia	REISCHYA ANNISA AISYARA PUTERI SOEPENO,HILMY NASYWA MAHDIYYAH	Honorable Mention
3208	Short Film	THE BATIK WASTE	Indonesia	MUTIARA HASNATUL JANNAH,HAYFA LAVELLE XAVIERA HIARIEJ	Honorable Mention
3210	Music	COLORS OF THE WIND	Indonesia	DAYINTA ADISTY	Gold
3215	Writing	MY HISTORICAL GARDEN	Indonesia	DANISH MUHAMMAD PUTRA AMIFTAMA	Honorable Mention
3216	Short Film	PLASTIC POLLUTION	Indonesia	UTARI DJOJO BISONO,TIARA ANARGYA PRAMESTI	Participant
3217	Robotics	SMM AJ ROBO	Tajikistan	MEHRONA JURAEVA,MARYAM ODINAEVA,SUMAIYA KHALILZODA	Honorable Mention
3222	Science	NEW CARBON CAPTURE TECHNOLOGY CAN REDUCE THE IMPACT OF CARBON DIOXIDE ON OUR PLANET	South Africa	GIANCARLO VAN DER MERWE	Silver
3223	Science	TELEMEDICINE BY AUSCULTATION - ENVIRONMENT-FRIENDLY CARDIOVASCULAR DIFFERENTIAL DIAGNOSIS BY A DEEP LEARNING INTELLIGENT SYSTEM	United States California	SAHITHI CHERUKURI,SAHANA ANAMIKA	Gold
3227	Short Film	A WASTE-FULL NIGHTMARE	Vietnam	KHANH HOANG,NHI NGO	Bronze
3244	Art	THINK GLOBALLY AND ACT LOCALLY	Kosovo	MINETA AJETI	Honorable Mention
3251	Science	A DEVICE TO TRACK FISHING GEAR TO REDUCE LOSSES OF MARINE LIFE	South Africa	SANTINE VAN DER MERWE	Silver
3254	Robotics	INVICTUS	Azerbaijan	MUSEYIB AGHAYEV,AYKHAN ALLAZOV,ISLAM ABDULALIYEV	Silver
3256	Robotics	MIND BREAKERS	Azerbaijan	SAID NAZARLI,SHAMS ALIYEVA,ELNUR YUSUBOV	Bronze
3258	Science	THE EFFECT OF CIGARETTE BIO-FILTERS IN HARMFUL GASES REDUCTION	Kosovo	FREDI EUJPI	Honorable Mention

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3259	Science	SELECTIVE CROP CULTIVATION USING CLIMATE PREDICTION AI MODEL TO STABILIZE FOOD PRODUCTION IN SOUTHEAST ASIA	Singapore	DONGWOO LEE	Honorable Mention
3265	Robotics	REVENGERS	Azerbaijan	ORKHAN ABDULALIYEV,JAVIDAN VALIYEV,HUSEYN KHALILLI	Gold
3272	Robotics	WHITE PHOENIX	Azerbaijan	YUNUS SADIKHOV,MURAD BAYRAMLI,NIHAD RZAZADE	Bronze
3276	Business	AIRTRACK TECHNOLOGIES	South Korea	YEONWOO CHOI	Participant
3285	Art	POLLUTION	Kosovo	SHQIPONJA SAHITI	Silver
3295	Art	THE SERIOUSNESS OF GLOBAL WARMING	Kosovo	LORENA FAZLIU	Honorable Mention
3296	Business	PUREPACK	South Korea	DOHUN KANG,HEEJOON LEE	Honorable Mention
3300	Robotics	BAKUROB	Azerbaijan	SULEYMAN HASANLI,RAHIM ALIYEV,KHATUN HABIBOVA	Honorable Mention
3308	Science	BRAIN-DERIVED NEUROTROPHIC FACTOR LEADS TO ALTERED NMDA RECEPTOR DISTRIBUTION IN THE HIPPOCAMPUS	United States New York	SYED ZAIDI	Silver
3314	Science	INTERFERON ALPHA-BETA RECEPTOR DEMONSTRATES DIFFERENT BEHAVIOR IN A NOVEL SUBSET OF TISSUE-RESIDENT MACROPHAGES IN REGULATING INFECTION INDUCED INFLAMMATION	United States New York	KATELYN BATTACHARIA	Bronze
3321	Science	BIONIC HAND	Azerbaijan	SIMA HUSEYNZADA	Participant
3354	Robotics	RELENTLESS	Azerbaijan	SAJJAD HUSEYNZADE,NOVRUZ NOVRUZLU	Participant
3363	Science	A HERBAL REMEDY INVOLVING HIBISCUS SABDARIFFA FUNGICIDAL INVASION ON THE MOLECULAR COMPOSITION OF FUSARIUM OXYSPOURUM FUNGI	United States New York	YAKINA SIKA AMOAH	Bronze
3367	Science	WATER IRRIGATION MONITORING SYSTEM	Jordan	TALA AL-BAKRI,AMEERA AL-OMARI	Silver
3373	Science	EXTRACTING BIOFUEL FROM HDPE VIA THE SUPER CRITICAL FLUID METHOD	Jordan	JWANA ABDALLA,YASMEEN ELSIDDIK	Silver
3375	Science	PSYBOT	Tunisia	MOHAMED CHERIF BRAHAM	Bronze

ID	Discipline	Title	Country	Students	Medal
3380	Science	THE TOXICOLOGICAL IMPACTS ELECTRONIC NICOTINE DELIVERY SYSTEM LIQUIDS PRIOR TO VAPORIZATION ON LUNG EPITHELIAL CELLS	United States Texas	SAKETH SADHANALA	Honorable Mention
3398	Science	MAKING COMPOSITE BIOPLASTIC BY ADDING TITANIUM DIOXIDE AND NANOCCLAY	Jordan	JOUN KHAWAJA	Gold
3414	Science	REDUCING LEAD IODIDE LEACHING IN PEROVSKITE SOLAR CELLS	United States California	SASHA MASSON	Silver
3439	Business	KINDKIBBLE	United States California	SAMUEL FAN,CHENGYUN XU	Bronze
3446	Science	ALLEVIATING POTENTIAL IMPACTS OF NANOPARTICLES IN THE OCEAN	United States Massachusetts	TAEGYUN CHEON,KANGHOON LEE	Bronze
3454	Science	SLIME SIGN LANGUAGE TRANSLATION TOOL WITH MOTION DETECTION IN THE FORM OF GLOVES BASED ON ARDUINO UNO	Indonesia	GERRY BIMA PUTRA,AHMAD GHAZI NAYANA	Honorable Mention
3457	Science	WATER HYACINTH AND COCONUT FIBERS NANOFILTRATION-STRAW	Indonesia	AQILA RAMADHANI HARYALUKITA,NAZWA RIZKIYAH SAFITRI	Silver
3459	Writing	FROM OASIS TO ASHES - THE FAULT IN OUR BLAME GAME	United States California	YOUNGSEOK SONG	Bronze
3468	Business	CLHARITY	United States California	ROSHAN AMBLE,MAXIMUS WU	Honorable Mention
3473	Science	LIGHTHOUSE AN INEXPENSIVE IN-SHOE SAFETY DEVICE	United States California	DIYA BENGANI	Bronze
3483	Science	THERMAL MANAGEMENT OF LITHIUM ION BATTERY WITH 3D-PRINTED STRUCTURE	Singapore	HEECHAN NAM	Bronze
3484	Science	GENIUS OLYMPIAD 2023- WEARABLES FOR PARKINSON DISEASE MONITORING	United States Texas	ALPER OZBEY	Honorable Mention
3485	Robotics	FORESTBOT	Mexico	LUIS DAVID PADILLA DEL ANGEL,ERICK ELIAN HEREDIA VARGAS	Silver
3491	Science	SPIROGYRA SP ALGAL WATER PURIFICATION SYSTEM	Zimbabwe	DENZEL ITAYI MANDABVA,RICARDO CHINZOU	Bronze

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3492	Science	EFFECT OF THE ADDITION OF RICE HUSK ASH ON THE METHYLENE BLUE ADSORPTION BY RED MUD-BASED GEOPOLYMER	Vietnam	TRUC LE THANH	Honorable Mention
3493	Science	EXTRACT OF NANOCELLULOSE FROM DURIAN RIND BY-PRODUCTS FOR THE APPLICATION IN SOLID-PHASE EXTRACTION OF ASV IN WATER ANALYSIS	Vietnam	MAI TRAN NGUYEN NGOC, MAI TRAN NGUYEN XUAN	Participant
3495	Science	VALUATION OF THE ROLE OF TREES IN REMOVING AIR POLLUTANTS AT SELECTED UNIVERSITIES IN HO CHI MINH CITY USING I-TREE ECO MODEL	Vietnam	ANH NGUYEN HONG, LONG CHAU BAO	Honorable Mention
3496	Art	SOS	Kyrgyzstan	ABDULLOH SAITOV	Honorable Mention
3497	Writing	RECYCLING GONE WRONG	Vietnam	PHUONG NGO HOANG UYEN	Honorable Mention
3507	Science	INCREASING THE EFFICIENCY OF WIND TURBINES USING BIOLOGICAL IMITATION	Jordan	MOHAMMAD AL-HADIDI	Honorable Mention
3509	Science	DEVELOPMENT OF FLOW CYTOMETRY PANEL CONCERNING THE ISOLATION OF T FOLLICULAR HELPER CELLS	United States New York	MOLLY SHEEHAN	Participant
3517	Science	ULTRA-MAN ULTRASONIC MICRO MANIPULATION OF MICROPLASTIC ON LANDFILLS	Indonesia	HILAL ZUHAIR	Honorable Mention
3518	Science	INVESTIGATING THE QUALITY OF BIODIESEL SYNTHESIZED FROM USED COOKING OILS	United States Washington	NAVAJ NUNE	Gold
3523	Science	CARDIOVASCULAR DISEASES DEVELOPMENT AND RISK GROUPS DETERMINATION AMONG KYIV WORKING POPULATION WITH THE HELP OF THE SOFTWARE SYSTEM	Ukraine	ANASTASIIA KURULENKO	Participant
3524	Science	OPTIMIZATION OF ROAD LIGHTING SYSTEMS	Ukraine	ARTEM VESELOV	Participant
3525	Science	DETERMINATION OF HEAVY METAL IONS IN FALLEN MUNICIPAL LEAVES USING SPECTROPHOTOMETRIC METHOD	Ukraine	MARHARYTA PEREPELYTSIA	Gold
3526	Writing	STOP AND THINK	Ukraine	ANDRII MAZURENKO	Participant
3527	Writing	CAGE	Ukraine	YEVHENIIA VINNYTSKA	Gold
3528	Science	RESEARCH ON THE ECOLOGICAL CONDITION OF THE RECREATIONAL AREAS IN THE CITY DNIPRO	Ukraine	VLADYSLAV BONDARENKO	Participant
3529	Short Film	TOGETHER	Ukraine	KATERYNA PLIUSHCHAI	Silver

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3530	Art	EVERYTHING LEAVES ITS MARK	Ukraine	ALISA LOMAKINA	Honorable Mention
3531	Writing	THE SEA ON THE SECOND FLOOR IN A MATH CLASS	Ukraine	HANNA KITSELA	Bronze
3533	Short Film	PROGRESS	Ukraine	OLEKSII PARSHUKOV	Participant
3534	Writing	SAVE UKRAINE FROM THE WAR	Ukraine	OLEKSANDRA BORYSENKO	Participant
3535	Short Film	TREES ARE LUNGS OF OUR PLANET	Ukraine	NAZAR SOLOPIKHIN	Gold
3536	Science	DARK SKY RESERVE WORLD EXPERIENCE AND UKRAINIAN REALITIES	Ukraine	POLINA DATSENKO	Silver
3538	Science	THE STUDY ON THE EFFECT OF BIOLOGICALLY ACTIVE SUBSTANCES OF NATURAL ORIGIN ON THE GERMINATION OF WHEAT SEEDS	Ukraine	ROMAN RODYNSKYI	Participant
3540	Science	EXPLORATION OF ATMOSPHERIC AIR CONDITIONS IN BORYSPIL BY ANALYZING SNOW COVER AND REMOTE SENSING	Ukraine	ANASTASIIA ANDRUSHCHENKO	Bronze
3541	Business	BUSINESS PLAN OF THE PRODUCTION OF ECO-WARE FROM WHEAT BRAN AND REED	Ukraine	DARIIA NAZARENKO,KATERYNA ARNAUT	Bronze
3542	Art	LET US CLEAN NATURE REMNANTS OF WAR	Ukraine	ALONA NAZARENKO	Bronze
3543	Robotics	SAVE THE PLANET	Ukraine	OLEH ZAPARA,YEHOR SHCHASNYI	Gold
3544	Short Film	BEFORE IT IS TOO LATE	Ukraine	VIKTORIIA ZALISKA	Honorable Mention
3545	Science	STUDY OF EDIBLE PACKAGING BASED ON POLYSACCHARIDES	Ukraine	BOHDAN MINKO	Honorable Mention
3546	Short Film	BEREAVED CHILDHOOD	Ukraine	DIANA KHMELIUK,MARIIA CHEPIL	Honorable Mention
3547	Science	VETERINARY AND SANITARY EXPERTISE OF ATLANTIC HERRING WITH ANISAKIASIS IN THE CONDITIONS OF TRADE NETWORKS OF THE DNIPRO CITY	Ukraine	MARKO YURCHENKO	Honorable Mention
3548	Writing	WHO IS INTERESTED IN BOOKS ABOUT ECOLOGY	Ukraine	KATERYNA KOVALCHUK	Participant
3549	Art	IMPRINT OF THE 21ST CENTURY	Ukraine	DARIA PANAIOTOVA	Honorable Mention

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3550	Art	MAKE YOUR CHOICE	Ukraine	IVAN SAMUS	Bronze
3551	Writing	THE DAWN	Ukraine	ANNA KOVALENKO	Bronze
3552	Writing	WE STILL HAVE A CHANCE	Ukraine	MARIIA SIRSKA	Honorable Mention
3553	Writing	ECOCIDE	Ukraine	POLINA SAMOILENKO	Silver
3554	Writing	DO NOT BURN DRY GRASS	Ukraine	VIKTORIIA ALPANOVA	Participant
3555	Writing	THE MYSTICAL LAKE IS TRAPPED BY PEOPLE	Ukraine	KARYNA SOLOSHCHENKO	Honorable Mention
3556	Science	CYTOSTATIC AND ANTIBACTERIAL ACTIVITY OF SOME ADVENTITIOUS AND INDIGENOUS PLANT SPECIES	Ukraine	KATERYNA HRYBOVA	Participant
3557	Science	AMBIENT AIR POLLUTION BY PARTICULATE MATTER AND OZONE DUE TO WAR ACTIONS ON THE TERRITORY OF KYIV CITY	Ukraine	POLINA YARYFA	Participant
3558	Science	DETERMINATION OF THE INFLUENCE OF BIOPREPARATIONS BASED ON FUNGI OF THE GENUS TRICHODERMA ON MYCOLOGICAL PATHOGENS	Ukraine	NADIYA LYSENKO	Honorable Mention
3559	Science	CREATION OF A BIOPOLYMER BASED ON CALCIUM ALGINATE	Ukraine	DAVYD STEPANENKO	Silver
3560	Science	PHYTOREMEDIATION OF SOILS CONTAMINATED WITH OIL PRODUCTS UNDER THE CONDITIONS OF ADDING BIOCHAR	Ukraine	ANASTASIYA ROMANIV	Participant
3561	Writing	CHAMOMILE AT THE END OF THE WORLD	Ukraine	YELYZAVETA BREDIKHINA	Bronze
3562	Writing	THE SEA AND SHE	Ukraine	KARINA HALAKH	Bronze
3563	Science	HYDROECOLOGICAL FEATURES AND POTENTIAL OF THE BLUE LAGOON QUARRY	Ukraine	DIANA DEMENTIEVA	Participant
3564	Writing	ANXIETY-DESPAIR-BELIEF	Ukraine	IVANNA RADYTSIA	Silver
3565	Science	IMPROVING THE EFFICIENCY OF BIFACIAL SOLAR PANELS	Ukraine	PAVLO SHEKHET	Honorable Mention
3566	Science	IMPROVEMENT OF THE TECHNOLOGY OF OBTAINING POROUS ALUMINUM	Ukraine	MYKHAILO MUTSKYI	Honorable Mention
3567	Science	BIOLOGICAL AND ECOLOGICAL FEATURES OF SEED GERMINATION OF ALIEN PLANTS IN URBAN ECOSYSTEMS	Ukraine	VIKTORIYA KRAVCHENKO	Honorable Mention
3568	Science	ECO-BIOCOMPATIBLE EPOXY COMPOSITES WITH VEGETABLE FILLERS AS INNOVATIVE MATERIALS FOR PRACTICAL APPLICATIONS	Ukraine	SOFIYA KOZYNETS	Silver

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3569	Science	MECHANICAL METHOD OF CLEANING THE SURFACE OF WATER AREAS FROM OIL PRODUCTS	Ukraine	ANDRII MAVRIN	Honorable Mention
3570	Writing	WHY THE DNIPRO RIVER IS DYING	Ukraine	VALERII RADCHENKO	Silver
3573	Science	ORANGE PETROL	Spain	PABLO MARCO,JOAN ALCAYDE NOSTI	Bronze
3578	Science	ELECTRICITY PRODUCTION FROM BIO-HYDROGEN EXTRACTED FROM CYANOBACTERIA	Zimbabwe	GRACE NYAKAROMBO	Honorable Mention
3583	Science	CHEMICAL COMPOSITION OF THE ESSENTIAL OIL OF SENECIO OLEOSUS FOR THE DEVELOPMENT OF A BIOACTIVE ALTERNATIVE DRESSING	Brazil	LUCAS DE OLIVEIRA WOEHL,EMANUEL SCHUMACHER PEREIRA	Honorable Mention
3585	Science	BUILDING A LOW-COST SOIL MOISTURE SENSOR TO REDUCE WATER WASTAGE	Zimbabwe	TUMELO MAWOYO	Honorable Mention
3588	Science	IDENTIFYING KUDZU THROUGH SATELLITE IMAGES	United States North Carolina	ABRAHAM MCTEAGUE-POSPISHIL,WILSON DAVIS	Honorable Mention
3589	Science	DISASTER TENT VERSION TWO	Zimbabwe	METHEMBE MOYO	Honorable Mention
3591	Science	PREDICTIVE SYSTEM WITH ARTIFICIAL INTELLIGENCE TO PREVENT SUBIT INFANT DEATH SYNDROME	Mexico	BELEHEM SANCHEZ SANTIAGO	Bronze
3592	Science	PROGRAMMING AN AUTOMATED TEMPERATURE REGULATION SYSTEM FOR A GREENHOUSE	United States North Carolina	LOGAN DASH	Participant
3593	Science	BIOGRAPE - BACTERIAL CELLULOSE BIOSYNTHESIS USING GRAPE BYPRODUCT	Brazil	AMANDA RIBEIRO	Honorable Mention
3594	Science	TESTING THE USE OF CRUDE ENZYMES FROM WHITE-ROT FUNGUS FOR SUSTAINABLE CELLULOSE DELIGNIFICATION	United States Utah	MADILYNE BEAUDRY	Silver
3595	Science	QUANTIFYING THE INFORMATION OVERLAP BETWEEN GENE EXPRESSION AND METABOLOME IN CANCER CELL LINES	United States New York	THOMAS CONG	Bronze
3596	Science	THE CRISPR CAS9 MEDIATED KNOCKIN OF THE ZAP70 GENE AS A CURE FOR SEVERE COMBINED IMMUNODEFICIENCY DISEASE	United States New York	JONAH GURION	Bronze

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3597	Science	EXAMINING CROSS-REACTIVE IMMUNE RESPONSES TO ADENO-ASSOCIATED VIRUS VECTOR SEROTYPES	United States New York	KATHERINE CHEN	Gold
3598	Science	A DEEP NEURAL ARCHITECTURE SEARCH NET-BASED WEARABLE OBJECT CLASSIFICATION SYSTEM FOR THE VISUALLY IMPAIRED	United States New York	ANIKETH ARVIND	Gold
3599	Science	HACKING THE HUMAN- THE IMPACT OF PERSONALITY TRAITS ON SUSCEPTIBILITY TO SOCIAL ENGINEERING ATTACKS	United States New York	ISABELLA VEMBENIL	Participant
3600	Science	IMPACT OF ENVIRONMENTAL NOISE ON THE COGNITIVE FUNCTIONS AND MENTAL WORKLOAD OF HIGH SCHOOL STUDENTS	United States New York	JOCELYN CHEN	Honorable Mention
3601	Science	IDENTIFYING THE HALLMARKS OF CANCER FOR APPLICATION OF EARLY DETECTION AND MONITORING THERAPY RESPONSE THROUGH REAL TIME HYPERPOLARIZED METABOLIC INVESTIGATION	United States New York	AMRATYA JAIN	Bronze
3602	Science	INHIBITION OF RETINOBLASTOMA EXTRACELLULAR VESICLE UPTAKE	United States New York	ARJUN MENON	Gold
3603	Science	IDENTIFYING POTENTIAL DRUG TARGETS FOR ALLERGY-INDUCED ASTHMA THROUGH CROSS-TISSUE AND CROSS-SPECIES ANALYSIS OF GENE EXPRESSIONS WITH HOSE DUST MITE CHALLENGES	United States New York	ERIN SONG	Honorable Mention
3604	Science	PAYING ATTENTION EVALUATING A POSSIBLE RELATIONSHIP BETWEEN DLD ADHD AND THE BILINGUAL ADVANTAGE	United States New York	AMENA CHAUDHARY	Participant
3606	Science	CONTRAIL REDUCTION ALGORITHM AND DATA LIVE E-SYSTEM	United States New York	EDWARD WU	Silver
3608	Science	DETERMINATION OF BIOCHEMICAL METHANE POTENTIAL FOR VARIOUS ORGANIC FOOD WASTE PRODUCTS BY USING ANAEROBIC FERMENTATION	Latvia	ALEKSIS KEVINS,RINARDS MELNIS	Silver
3609	Science	USING GLYCINE MAX RNAI TO SUPPRESS TRANSCRIPTION FACTORS BETWEEN PROTO XYLEM AND META XYLEM TO AID IN ABIOTIC STRESS RESISTANCE	United States New York	GENEVIEVE MCGUIRE GRIFFIN	Participant
3610	Science	DEVELOPMENT OF ANTI-CANCER BIONANOPARTICLES ISOLATED FROM CORN FOR BONE CANCER TREATMENT	South Korea	MICHAEL RICHARDSON	Silver
3612	Science	SYNTHESIS OF LINARIOPHYLLENE B FROM CARYOPHYLLENE OXIDE	Latvia	ANASTASIJA BLAZEVIKA	Silver
3613	Science	THE EFFECTIVENESS OF SELF-MADE ARTIFICIAL REEFS FOR DETECTING INVASIVE SPECIES IN THE LIELUPE RIVER DOWNSTREAM	Latvia	MAREKS HOMCENKO,ARNIS FREIMANIS	Honorable Mention

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3615	Science	PREDICTING POVERTY IN AFRICA USING DEEP LEARNING AND SATELLITE IMAGERY	United States Washington	OM SHAH	Silver
3616	Science	MULTITEMPORAL ANALYSIS OF BEAVER ACTIVITY IN CONNECTICUT FORESTS USING AERIAL IMAGERY	United States Connecticut	HIRUNI WITHARANA	Honorable Mention
3617	Science	BETTER BEE	Tunisia	NOUR EL HOUDA JENZERI	Bronze
3618	Science	OLIVY	Tunisia	ALA BOUHAOUEL	Silver
3619	Science	OIL COLLECTOR	Tunisia	AYHEM BOUKER	Silver
3620	Science	NOISE POLLUTION DETECTOR	Tunisia	MERIAM HSINI	Bronze
3621	Science	ALUM EFFECTIVENESS FOR IMPROVING WATER QUALITY	United States Florida	JACOB HOBENSACK	Gold
3622	Science	AUTOMATIC ATTENDANCE SYSTEM WITH FACIAL RECOGNITION	Thailand	JEERABHAT SUPAPINIT	Honorable Mention
3623	Science	CREATING SOIL STABILITY ON THE GREAT SALT LAKE UTILIZING BIOSOLIDS	United States Utah	ISABELLA DELAGERHEIM	Bronze
3624	Science	DEVELOPMENT OF AN AMPEROMETRIC GLUCOSE BIOSENSOR BASED ON GLUCOSE OXIDASE IMMOBILIZED ON PRUSSIAN BLUE WITH ZEIN-GELATIN GLAZE	Thailand	SURAPA PANJAPHAKDEE, AI YOSHIMOTO	Participant
3625	Science	PROSYNMOGN ENHANCING MOLECULAR GRAPH NEURAL NETWORKS TOWARD PREDICTING SYNERGISTIC CANCER DRUG COMBINATIONS DRIVEN BY PROTEIN EXPRESSION	Thailand	TISORN NA PHATTALUNG, MATIN KOSITCHUTIMA	Honorable Mention
3626	Science	MIMICKED BARRIER MEMBRANE BASED ON POLYCAPROLACTONE WITH CHITOSAN AND MAGNESIUM IONS FOR GUIDING BONE REGENERATION IN DENTAL IMPLANT	Thailand	PANCHITA AONPETCH, PRAPAVARIN AEKKACHAI	Bronze
3627	Science	DONT BE COY DECOY	United States Minnesota	NADIA WANG	Participant
3628	Science	HARMFUL ALGAL BLOOMS THREATEN GLOBAL SURFACE WATER SUSTAINABILITY- AN ECOSYSTEM-BASED STUDY	United States Utah	KRISHNAM GOEL	Gold
3630	Music	MUSIC FOR NO BORDER	Tunisia	HSAN GHADDAB	Honorable Mention

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3631	Science	BANANA-CUP	Germany	FELIX OFFTERDINGER,JOSHUA NELSON ATISSO	Participant
3635	Science	QUANTUM CRYPTOGRAPHY	Germany	KIMI RAINER KESTIN,JAKOB KEMPINSKI	Participant
3638	Science	EFFECTS OF AGRICULTURAL MACHINERY SOUND POLLUTION ON C3 AND C4 PLANT ROOT PHYSIOLOGY AND PHOTOSYNTHESIS	United States Washington	RUTH WISE MALDONADO	Bronze
3640	Science	NANO TRAP TO SAVE WATER FROM MICRO PLASTICS	Italy	MATTEO VALENTI,MADDALENA GHISELLI	Bronze
3642	Robotics	JETISU	Kazakhstan	NURMUKHAMMED DAULETBAYEV,BEKTORE BEKET,DANIYAL MALIK	Silver
3645	Science	GREEN BUILDINGS DRYER ROOMS FOR NO-COST LAUNDRY	United States Georgia	DAVID QUINTANAR	Honorable Mention
3646	Science	VORTEX GENERATORS AT LOW SPEED	United States Iowa	HOYT CROUCH	Participant
3647	Science	THE EFFECT OF VARYING CONCENTRATIONS OF ROCK CLIMBING CHALK ON THYMUS VULGARIS	United States Utah	ALEAOKALANI PINDAT-KAHELE	Bronze
3656	Science	MICROPLASTICS IN FISH PLASTIC POLLUTION IN OUR PROTEIN	United States Washington	NICOLE SAMAAAN	Participant
3658	Business	BACTERRA	Slovenia	KATJA MOGILNICKI	Grand
3661	Writing	LAST BREATH	United States New York	ALMIN HUSOVIC	Honorable Mention
3662	Art	SMOKING KILLS	United States New York	JULIO POLONCO	Participant
3664	Science	GREEN MATCH	Bosnia & Herzegovina	EMA CORALIC,AJNA PECENKOVIC	Bronze
3665	Science	DEPOLYMERIZATION OF PLA PLASTICS - A NOVEL INVESTIGATION OF THE EFFECT OF IRON AND ZINC CATALYSTS ON BIODEGRADABLE COMPOUNDS	United States Iowa	KELLY TAKORBISONG	Honorable Mention

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3672	Science	DESIGN AND IMPLEMENTATION OF A NOVEL MACHINE-LEARNING-BASED SYSTEM UTILIZING FEATURE EXTRACTION FOR PRECISE CERVICAL CANCER DETECTION VIA BIOPSY SAMPLE	United States Connecticut	ETHAN JOSEPH	Honorable Mention