



STCU Funding Table
24th Governing Board Meeting
31 May 2007

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
2058(C)	UA	Kharkiv	Development And Investigation Of Magnesium-Aluminate Spinel Crystals doped by Cobalt	Institute for Single Crystals R&D Corporation	\$45 441							US:2 Canada:2 EU:2
3013	UA	Kharkiv	New energy-saving methods, devices based on over-voltage pulse corona discharge for water, food treatment, gas cleaning	Research and Design Institute "Molniya" of Kharkiv State Polytechnical University	\$145 576							US:2 Canada:2 EU:2
3039	UA	Kyiv	Elaboration of the novel method of early cancer detection and development of the commercially available immunoassay	Gromashevsky Institute of Epidemiology and Infectious Diseases	\$120 868							US:2 Canada:2 EU:2
3065	UA	Kharkiv	Aerospace-borne soil and vegetation remote-sensing data usage planning	O.Ya. Usikov Institute of Radiophysics and Electronics	\$183 590							US:2 Canada:2 EU:2
3097	UA	Kharkiv	Insulation continuous monitoring and protection system for distribution networks of 6-35 kV	"YuzhVEC" Firm	\$170 000							US:2 Canada:2 EU:2
3106	UA	Kyiv	Extremely disordered materials for fuel cell and nickel-metal hydride battery applications	I.M. Frantsevich Institute of Problems of Materials Science	\$180 001							US:2 Canada:2 EU:2
3109	UZ	Tashkent	Solar Distilling Plant with Active Thermodynamic Contour	Scientific Association "Physics-Sun" Physical-Technical Institute	\$194 048							US:2 Canada:2 EU:2
3115	UA	Kyiv	Technology development for production wear-resistant powder tool steels using specific treatment metal melt	I.M. Frantsevich Institute of Problems of Materials Science	\$124 970							US:2 Canada:2 EU:3
3115(R)	UA	Kyiv	Technology development for production wear-resistant powder tool steels using specific treatment metal melt	I.M. Frantsevich Institute of Problems of Materials Science	\$124 970			€91 600			€91600	US:2 Canada:2 EU:5
3120	UA	Kyiv	Nonlinear waves as a technical tool for studying and rearranging the structured medium	S.I. Subbotin Institute of Geophysics	\$193 762							US:2 Canada:2 EU:2
3131	UA	Dnipropetrovsk	Nonmetallic composite coatings on lightweight metals resistant to man-made and natural environment influences	Ukrainian State Chemical and Technological University	\$165 655							US:2 Canada:2 EU:2
3136	UA	Kyiv	Development of a passive millimeter waves imaging system for detection of the weapon concealed under clothing	State Research Center "Iceberg"	\$186 000							US:2 Canada:2 EU:2
3160	UA	Kharkiv	Design of plane scanning centimeter and millimeter-wave antennas for mobile telecommunication	O.Ya. Usikov Institute of Radiophysics and Electronics	\$185 521							US:2 Canada:2 EU:2

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3162	UA	Kyiv	Development of electroconductive textile materials and electrically heated systems based on conductive metallized and carbon fibers	I.M. Frantsevich Institute of Problems of Materials Science	\$148 469							US:2 Canada:2 EU:2
3163	UA	Kyiv	Special purpose polymer composites from petroleum products, mineral raw materials, industrial or post-consumer waste from Transcaucasia	Institute of Macromolecular Chemistry	\$260 000							US:2 Canada:2 EU:2
3163(R)	UA	Kyiv	Special purpose polymer composites from petroleum products, mineral raw materials, industrial or post-consumer waste from Transcaucasia	Institute of Macromolecular Chemistry	\$260 000							US:2 Canada:2 EU:2
3186	UA	Paulograd	Development of high-strength corrosion-resistant composite materials with a hybrid polymeric matrix and technologies of their obtaining	"Tehprom" Society with the limited liability the Scientific production enterprise	\$280 808							US:2 Canada:2 EU:2
3188	UA	Kyiv	Modern methods of evaluation of the load-carrying capacity of refrigerator ship structures under complicated service conditions	S.P. Timoshenko Institute of Mechanics	\$104 542							US:2 Canada:2 EU:2
3189	UA	Chernivtsy	Technology for thermal hardening of steel tools with the goal of increasing their operational stability	National Metallurgical Academy of Ukraine	\$180 200							US:2 Canada:2 EU:2
3204	UZ	Tashkent	Magnetically and thermally modulated microwave absorption in YBCO films and irradiated twinned and detwinned single crystals	Institute of Applied Physics within Tashkent State University	\$119 850							US:2 Canada:2 EU:2
3208(R)	UA	Kyiv	Investigation of new high-effective immunoglobulins preparations for treatment of gramnegative sepsis and serious infections	Gromashevsky Institute of Epidemiology and Infectious Diseases	\$216 977							US:2 Canada:2 EU:2
3215	UA	Dnipropetrovsk	Electro-Vacuum in Ladle Steel Treatment to the Energy Savings, Ecological Improvement and Development of Properties	M. Makarov Yuzhny Machine-Building Plant (Yuzhmash) Production	\$198 384							US:2 Canada:2 EU:2
3221	UA	Zaporizhia	Development of principles for alloying cold resistant ferritic corrosion-resistant steels	Zaporizhzhе National Technical University	\$109 990							US:2 Canada:2 EU:2

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3226	UA	Kyiv	Development of the technology for production of semi-conducting silicon carbide substrates for creation of optical mirrors	Special design and technological bureau of Institute of Physics	\$198 721							US:2 Canada:2 EU:2
3230	UA	Kyiv	Development of biological system for rapid application of pharmacological substances to the cells and tissue cultures	"Lileya" Small Scientific Production Enterprise	\$133 742							US:2 Canada:2 EU:2
3243	UA	Kyiv	Synthesis of Carbon Nanotubes on the Surface of Polycrystalline Silicon Carbide by Laser Heating	I.M. Frantsevich Institute of Problems of Materials Science	\$88 600							US:2 Canada:2 EU:2
3249	UA	Kharkiv	Terahertz Electromagnetic Wave Generation from Quantum Nanostructures	O.Ya. Usikov Institute of Radiophysics and Electronics	\$150 000							US:2 Canada:2 EU:2
3250	UA	Kyiv	Development of Methods of Long-term Damage and Residual Lifetime Analysis of Critical Components of Energy Installations	S.P. Timoshenko Institute of Mechanics	\$62 938							US:2 Canada:2 EU:2
3263	GE	Tbilisi	Individual Protective Sheets of Basalt-Titanium-Aluminum Ceramics by Hot Vacuum Compaction	Institute of Mining	\$187 950							US:2 Canada:2 EU:2
3276	UA	Kharkiv	Catastrophes and macroscopic anomalies in conductive electron systems	State Enterprise "Institute of Machines and Systems"	\$94 004							US:2 Canada:2 EU:2
3279(R)	UA	Kharkiv	Tool environment of expertise and independent verification supporting of I&C software, important to NPP safety	I&C System Certification Center. State Center for Regulation of Supplies and Service of Quality.	\$110 291							US:2 Canada:2 EU:2
3282	UA	Lugansk	Methods and Devices Development for Express Diagnosing of Low-Dose Ionizing Radiation Effects in a Person	Scientific Research and Engineering Design Institute "ISKRA"	\$115 952							US:2 Canada:2 EU:2
3285	GE	Tbilisi	A new experimental approach to the problem of insomnia.	Georgian Sleep Research Institute	\$299 250							US:2 Canada:2 EU:2
3286	UA	Kyiv	Development of Scientific Approach and Technology for Growing High-Quality Optical-Grade Germanium Crystals for Infrared Technique	V.E. Lashkaryov Institute of Semiconductor Physics	\$160 000							US:2 Canada:2 EU:2
3288	UA	Kyiv	Next Creep-Resistant Magnesium Alloys with Nanocluster-Forming Structure for Dynamic Applications	I.M. Frantsevich Institute of Problems of Materials Science	\$356 524							US:2 Canada:2 EU:2

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3290	UA	Kyiv	Substantiation of the ways to reduce the natural radionuclides transfer to the environment and human body in uranium mining, extraction and processing sites	Marzeev Institute of Hygiene and Medical Ecology	\$381 914							US:2 Canada:2 EU:2
3296	UA	Kyiv	Multi-Functional Shape Memory Alloys for Smart System Applications	G.V. Kurdyumov Institute for Metal Physics	\$182 710							US:2 Canada:2 EU:2
3323	UA	Sumy	Study of genesis of diamond occurrences in Ukraine and Uzbekistan and prognosis of commercial diamond deposits	Institute of Applied Physics	\$202 804							US:2 Canada:2 EU:2
3330	UA	Lviv	Development of multi-dimensional pulsating information arrays for simulation of distributed systems	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	\$109 555							US:2 Canada:2 EU:2
3331	GE	Tbilisi	DEVELOPMENT OF NEW METHODS AND ALGORITHMS OF IDENTIFICATION OF CONTINUOUS-TIME DETERMINATE AND STOCHASTIC SYSTEMS	A. Eliashvili Institute of Control Systems	\$140 702							US:2 Canada:2 EU:2
3342	UA	Lviv	Technology and machine for safety of green forages from destruction by bacteria and microorganisms	Collective scientific and industrial enterprise " Karpaty - Tfnobyl "	\$179 066							US:2 Canada:2 EU:2
3343	UA	Lviv	The digital photoconverter	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	\$172 500							US:2 Canada:2 EU:2
3345	UA	Kharkiv	Structure stability of multilayer nanocrystalline materials Cr-Al-N and Cr-V-N	National Science Center "Kharkiv Institute of Physics and Technology"	\$178 705							US:2 Canada:2 EU:2
3346	UA	Kharkiv	Experimental installation for study of thermal hydraulic processes in two-phase mechanically pumped loop	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	\$150 000							US:2 Canada:1 EU:2
3348	UA	Kyiv	The localization of unknown sites of fibrin polymerization for the creation of the new anti-thrombi agents	O.V. Palladin Institute of Biochemistry	\$140 192							US:2 Canada:2 EU:2
3349	GE	Tbilisi	Multicomponent system of the speaker's identification by his speech phonogram, based on probabilistic estimates of analysis results	A. Eliashvili Institute of Control Systems	\$150 000							US:2 Canada:2 EU:2
3354	UA	Kyiv	Development of new carbon nanocomposites based on exfoliated graphite for the selective adsorption of biomolecules	Scientific Foundation of Scientists and Specialists of Molecular Cybernetics and Informatics	\$173 692							US:2 Canada:2 EU:2

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3356	UA	Paulograd	Researches of processes obtaining mineral fibres in plasma flow and creation of experimental equipment	"AS" Industrial Commercial Private Enterprise	\$459 995							US:2 Canada:1 EU:2
3364	AZ	Baku	Research of transformation of pollution and management of water resources quality of South Caucasus Rivers	Institute of Radiation Problems	\$286 890							US:2 Canada:2 EU:2
3369	UZ	Tashkent	Uncooled Infrared Radiation Detectors, Thermoelectric Converters and Pressure Sensors Based on the Higher Manganese Silicide Films	Tashkent State Air Institute	\$170 000							US:2 Canada:2 EU:2
3372	UA	Kharkiv	Development of new methods for active and passive control of vibrations in aerospace and transport systems	National Technical University "Kharkiv Polytechnical Institute"	\$84 000							US:2 Canada:2 EU:2
3379	UA	Kyiv	Development of Neutron Sources for Neutron Capture Therapy in Human Cancer Tissue	Institute for Nuclear Research	\$194 524							US:2 Canada:2 EU:2
3381	UA	Kyiv	Technological approaches elaboration for functional nanomaterials production based on hollow, threadlike boron and silicon carbide nanostructures	I.M. Frantsevich Institute of Problems of Materials Science	\$199 184							US:2 Canada:2 EU:2
3386	UA	Kharkiv	Development of Electrophysical Technology of Ecologically Friendly and Wasteless Utilization of Concrete and Ferroconcrete	Research and Design Institute "Molniya" of Kharkiv State Polytechnical University	\$243 063							US:2 Canada:2 EU:2
3392	UA	Kyiv	Interfacial interaction of transition-metal interconnect materials with Pb-free Sn-Bi-In-Zn-Sb solders	I.M. Frantsevich Institute of Problems of Materials Science	\$125 710							US:2 Canada:2 EU:2
3413	UZ	Tashkent	Increasing efficiency of high definition videoinformation systems functioning in long distance and in difficult conditions	"Cybernetics" Institute of Cybernetics SPU	\$75 940							US:2 Canada:2 EU:2
3427	UA	Kharkiv	Detection of Explosive, Fissile and High-Z Materials Using High Energy Bremsstrahlung Rays	V.N. Karazin Kharkiv National University	\$275 750							US:2 Canada:2 EU:2
3429	UZ	Tashkent	Home solar desalter increased productivity	Institute of Power Engineering and Automation	\$149 116							US:2 Canada:2 EU:2
3430	UA	Kharkiv	The investigation of combined magnets inclusive the rare earth magnets	National Science Center "Kharkiv Institute of Physics and Technology"	\$31 120							US:2 Canada:2 EU:2
3446	UA	Dnipropetrovsk	"Copper-aluminum elements of current-carrying assemblies"	M.K. Yangel "Pivdenne" State Design Office	\$170 380							US:2 Canada:2 EU:2

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3447	UA	Dnipropetrovsk	"Laser excitation of quick-running chemical reactions in a condensed medium"	M.K. Yangel "Pivdenne" State Design Office	\$184 684							US:2 Canada:2 EU:2
3450	UA	Kyiv	System of electronic archiving and maps of documents for Museum of the book&printing of Ukraine	Museum of the Book and Printing of Ukraine	\$95 790							US:2 Canada:2 EU:2
3461	UA	Kyiv	Advanced composite hydrogen storage materials on the basis of nanoscale carbon and metal hydrides	I.M. Frantsevich Institute of Problems of Materials Science	\$175 360							US:2 Canada:2 EU:2
3469	AZ	Baku	Elaboration of monocrystalline and films technology, doped of solid solution AlVBVI and tensosensors on their bases	Baku State University	\$150 000							US:2 Canada:2 EU:2
3475	UA	Lviv	Geoinformation technology for distributed inventory of greenhouse gases and estimation of ecological conditions of country regions	"Lvivska Polytechnica" National University	\$147 320							US:2 Canada:2 EU:2
3476	UA	Kharkiv	Investigation of a Root Gravitropic Reaction in the Weak Combined Magnetic Field	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$187 958							US:2 Canada:2 EU:2
3502	GE	Tbilisi	Oligodendrocytes' Differentiation during normal Development and in animal models of Multiple Sclerosis	Tbilisi State Medical University	\$93 541							US:2 Canada:2 EU:2
3506	UA	Kyiv	Extending capabilities and carrying out extensive experimental testing of NAAPRO code	Institute for Nuclear Research	\$254 349							US:2 Canada:2 EU:2
3509	GE	Tbilisi	New Effective Antisublimation Coats of Inorganic Vitreous Enamel Type for GeTe- and PbTe-Based Thermoelectric Alloys	I. Vekua Sukhumi Institute of Physics and Technology	\$159 666							US:2 Canada:1 EU:2
3510	UA	Kharkiv	Development of biotechnology of the cellular transplantats formation for intervertebral disk regeneration	M.I. Sitenko Insitute of Spine and Joints Pathology	\$129 000							US:2 Canada:2 EU:2
3516	UA	Kyiv	DEVELOPMENT OF PLASMA-DETONATION TECHNOLOGY AND EQUIPMENT FOR LOCAL SURFACE TREATMENT OF METAL WORKPIECES	E.O. Paton Electric Welding Institute	\$174 051							US:2 Canada:2 EU:2
3521	UA	Kharkiv	Wide-band tunable microwave radiation in novel ferromagnetic heterojunctions.	O.Ya. Usikov Institute of Radiophysics and Electronics	\$299 984							US:2 Canada:2 EU:2

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3523	UZ	Tashkent	Dynamics and Phase Transition in Abrikosov Vortex Lattice of High Temperature Superconductors Synthesized by Solar Energy	Institute of Material Sciences of Scientific-Production Association "Physics-Sun"	\$244 046							US:2 Canada:2 EU:2
3525	GE	Tbilisi	The issues concerning a computer-based simulation of both earth-fall - landslide over the slopes of mountain water-storage reservoirs and the resulting wave generation	G.Chogovadze Georgian Research Institute of Power Engineering and Power Structures	\$187 590							US:2 Canada:2 EU:2
3532	UA	Kharkiv	Advancement of metal and alloy cathodes and their introduction into microwave devices	Institute of Radio Astronomy	\$156 502							US:2 Canada:2 EU:2
3537	GE	Tbilisi	Georgia - Complete Information and Useful Recommendations for Business Circles	Tbilisi I. Javakishvili State University	\$195 636							US:2 Canada:2 EU:2
3541	UZ	Tashkent	Magneto-optical and Infrared Investigations of Nanostructured Magnetic Materials	Institute of Applied Physics within Tashkent State University	\$210 141							US:2 Canada:2 EU:2
3551	UA	Kyiv	New hydrogel implant for plastic surgery	Ovcharenko Institute of Biocolloidal Chemistry	\$180 000							US:2 Canada:2 EU:2
3552	UA	Odessa	New nanotechnologies for stabilization vaccines, improvement of their efficiency during immunization against influenza and rabies	Ukrainian I. I. Mechnikov Anti-Plague Research Institute	\$199 965							US:2 Canada:2 EU:2
3557	UA	Kyiv	Effect of microgravity on the regulatory mechanisms of photosynthesis	Institute of Plant Physiology and Genetics	\$100 000							US:2 Canada:2 EU:2
3558	UA	Kyiv	Fluorine-containing derivatives of phosphonic acid: Synthesis and application in bio- and medicinal chemistry	Institute for Bioorganic Chemistry and Petrochemistry	\$165 406			€ 121 239			€ 121239	US:2 Canada:2 EU:5
3561	AZ	Baku	Development of Marine Thermal Probe	Geology Institute	\$93 518							US:2 Canada:2 EU:2
3566	UA	Lviv	Monitoring of West Nile fever and other arboviral infections in Ukraine	Lviv Research Institute of Epidemiology and Hygiene	\$279 506	\$139 753	\$139 753			\$279 506	\$ 279506	US:5 Canada:5 EU:2
3570	UA	Dnipropetrovsk	Development of technological basis and equipments for air disinfection from pathogens	Ukrainian State Chemical and Technological University	\$149 640							US:2 Canada:2 EU:2
3571	GE	Tbilisi	Usage Grape seed Extract "Antiox G" during treatment of radiation disease and other chronic diseases	Tbilisi State Medical University	\$130 788							US:2 Canada:2 EU:2
3576	UA	Kyiv	Investigation of defect-free conditions for superalloy ingots manufacturing	E.O. Paton Electric Welding Institute	\$100 360							US:2 Canada:2 EU:1

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3578	UA	Kyiv	Optimization of machine-building HSLA steel alloying system and technology scheme of its production	E.O. Paton Electric Welding Institute	\$99 875							US:2 Canada:2 EU:2
3583	UA	Kyiv	High resolution LCD for projection systems	V.E. Lashkaryov Institute of Semiconductor Physics	\$127 420							US:2 Canada:2 EU:2
3584	UA	Kyiv	Development of modern mathematical models, methods, and computer technologies for risk assessment of accidents at sea	V.M. Glushkov Institute of Cybernetics	\$179 984							US:2 Canada:2 EU:2
3585	UA	Kharkiv	Development of highly wear resistant WC material for high performance sand blast and water jet nozzles	Scientific and manufacturing enterprise	\$150 655							US:2 Canada:2 EU:2
3587	UA	Kyiv	Structure and mechanical properties of titanium alloys with combined boride and silicide strengthening	I.M. Frantsevich Institute of Problems of Materials Science	\$160 000							US:2 Canada:2 EU:2
3588	UA	Kharkiv	Development of production technology of fetal liver stem cell-based biological preparation for treatment of immunohemopoietic diseases	Institute of Experimental and Clinical Veterinary Medicine	\$198 000							US:2 Canada:2 EU:2
3590	UA	Kyiv	Radiobiological effects of 241Am incorporated in cells of organism and methods of prevention of the menace of combined toxicity of the transuranium elements	Institute of Cell Biology and Genetic Engineering	\$238 002							US:2 Canada:2 EU:2
3600	UA	Kharkiv	Time Reversal Acoustics implementation for the soft tissues viscoelastic properties research	V.N. Karazin Kharkiv National University	\$159 932							US:2 Canada:2 EU:2
3601	GE	Tbilisi	Investigation and Development of the Device For Remote Destruction of Antipersonnel Mines and Explosive Objects	Georgian Technical University	\$298 533							US:2 Canada:2 EU:2
3602	UA	Chernivtsy	Physics and Technology of Space-Purpose Thermoelectric Cooling Devices	Institute of Thermoelectricity under NAS and MES of Ukraine	\$150 000							US:2 Canada:2 EU:2
3604	GE	Tbilisi	Biological active substances for body premonitory states prevention caused by influence of UHF EMR in adolescents	Karsanov Republican Research Center of Medical Biophysics and Introduction of New Biomedical Technologies, Tbilisi, Georgia	\$268 196							US:2 Canada:2 EU:2
3612	UA	Kharkiv	Development of the high immunofaciency peroral vaccines - from modified antigens and toxins	Mechnikov Institute of Microbiology and Immunology	\$165 548							US:2 Canada:2 EU:2

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3618	UA	Lviv	Evaluation of the lice-infestation and lice-born rickettsial diseases and to justify the control measures	Lviv Research Institute of Epidemiology and Hygiene	\$139 970							US:2 Canada:2 EU:2
3620	UA	Kharkiv	Computer-Aided System for Remote Detection of Short Circuits in Overhead Electrical Distribution Systems with Taps	Kharkiv State Technical University of Radioelectronics	\$159 502							US:2 Canada:2 EU:2
3621	UA	Kharkiv	The development of installation for volumetric modelling of endoprosthesis operations on the locomotorium and spine	National Technical University "Kharkiv Polytechnical Institute"	\$275 000							US:2 Canada:2 EU:2
3623	UA	Lviv	Development of Nanotechnologies for Highly Efficient Integrated-Optics and Quantum Structures Creation Based on Sn ₂ yPb ₂ (1-y)P ₂ S ₆ xSe ₆ (1-x) Semiconductors Crystals	Institute of Physical Optics	\$201 118							US:2 Canada:2 EU:2
3629	UA	Kyiv	Verification of a Fracture Toughness Prediction Model Based on a Local Approach using Irradiated Reactor Pressure Vessel Steels	G.S. Pisarenko Institute for Problems of Strength	\$228 305							US:2 Canada:2 EU:2
3633	UZ	Samarkand	Developing of methods of rabies cultivation virus in cell culture	Uzbekistan Veterinary Research Institute	\$243 528							US:2 Canada:2 EU:2
3637	UA	Lviv	Multyabsorber optimal design with emphasis on complete rotating machines dynamic modelling	"Lvivska Polytechnica" National University	\$88 994							US:2 Canada:2 EU:2
3648	GE	Tbilisi	Portable monitoring system for operative diagnostics and efficient treatment of epiphytity processes of crops.	Georgian Technical University	\$159 500							US:2 Canada:2 EU:2
3651	GE	Tbilisi	Investigation of statistical characteristics of scattered HF radiation and ULF electromagnetic wavy structures in the low atmosphere	Georgian Technical University	\$295 319							US:2 Canada:2 EU:2
3657	GE	Tbilisi	"Connection to the international system of remote cooperation and training Ukraine - Caucasus, project 3383 Amendment"	Georgian Space Agency	\$99 907							US:2 Canada:2 EU:2
3660	UA	Kharkiv	Research of anisotropy medium influence on characteristics of small-size magneto-cumulative generator	V.N. Karazin Kharkiv National University	\$25 262							US:2 Canada:2 EU:2

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3661	UA	Kharkiv	Extra-High-Frequency Magnetic Characteristics of Microwires with Negative Real Permeability	O.Ya. Usikov Institute of Radiophysics and Electronics	\$210 322							US:2 Canada:2 EU:2
3662	UA	Kyiv	Wear- and heat-resistant thermal spray nano-composite coatings for protection of light metal alloys surface	E.O. Paton Electric Welding Institute	\$207 534							US:2 Canada:2 EU:2
3666	UA	Kharkiv	Development of a Holographic interference microscope for ecological, medical and biological applications	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$150 291							US:2 Canada:2 EU:2
3669	GE	Tbilisi	Bacteriophages as possible indicators, of water bacterial pollution and possible water bacterial clean up assistants	International Center for Environmental Research	\$323 895							US:2 Canada:2 EU:2
3678	GE	Tbilisi	Microflora of the slowly healable wounds and effective study of the alternative treatment	G. Eliava Institute of Bacteriophage, microbiology and virology	\$308 996							US:2 Canada:2 EU:2
3681	AZ	Baku	Research of Windpotential of Azerbaijan	Institute of Radiation Problems	\$175 973							US:2 Canada:2 EU:2
3684	UA	Kyiv	Radioactive aerosol airborne concentration and dispersal composition during the building disassembly works in the radioactive contaminated territories	Ukrainian Institute of Agricultural Radiology	\$58 730							US:2 Canada:2 EU:2
3690	UA	Kyiv	High-strength alloy with high resistance to sulfide corrosion and sulfide stress cracking in natural gas	Physical and Technological Institute of Metals and Alloys	\$119 831							US:2 Canada:2 EU:2
3691	GE	Tbilisi	New environmentally friendly technologies for production of manganese, siliceous and chromium based alloys and ceramic articles	F. Tavadze Institute of Metallurgy and Material Sciences	\$199 792							US:2 Canada:2 EU:2
3695	UZ	Tashkent	"Development and mastering in manufacture of devices protective against overvoltages in electronic and electrotechnical	"KVARK" Scientific-Production Complex	\$107 112							US:2 Canada:2 EU:2
3696	UA	Kyiv	Thermodynamical and structural fluid properties in the confined micro- and nanosystems	Kyiv Taras Shevchenko University	\$152 288							US:2 Canada:2 EU:2
3698	GE	Tbilisi	Electro-Plasmic External Combustion Engine.	Institute of Mining	\$205 000							US:2 Canada:2 EU:2
3700	UA	Kharkiv	Establishing the Existence of New Wavy Structures in Ionospheric Plasma	V.N. Karazin Kharkiv National University	\$145 810							US:2 Canada:2 EU:2

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See comments
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3701	UA	Kharkiv	CVD diamond detectors of ionizing radiations	National Science Center "Kharkiv Institute of Physics and Technology"	\$170 805							US:2 Canada:2 EU:2
3702	UA	Dnipropetrovsk	Tunneling composite materials for radiation protective equipment	National Aerospace Educational Center of Ukrainian Youth	\$195 970							US:2 Canada:2 EU:2
3704	UA	Lviv	Integral optical films based on Chromonic Lyotropic Liquid Crystals for Liquid Crystal Displays	Institute of Physical Optics	\$147 604							US:2 Canada:2 EU:2
3705	UA	Lviv	Intercalation nanoengineering of ecologically pure materials for the energy generation, transformation and accumulation devices	"Lvivska Polytechnica" National University	\$179 905							US:2 Canada:2 EU:2
3706	UA	Kyiv	Elaboration of refrigerating equipment and methods for hematopoietic progenitors storage for treatment of Chernobyl victims	Science and Engineering Company "Dnipro-MTO"	\$181 680							US:2 Canada:2 EU:2
3708	UA	Kyiv	New class of heterogeneous titanium alloys	E.O. Paton Electric Welding Institute	\$390 478							US:2 Canada:2 EU:2
3714	GE	Tbilisi	Measures against mudflows and slides based on geotechnical study in mountain regions of Eastern Georgia	Center of Engineering investigations specialists collaborations, projects examination & organization social debates	\$197 790							US:2 Canada:2 EU:2
3718	UA	Kharkiv	Neutral and charged nanostructures in liquid and solid helium	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$217 456		\$108 728	€ 79 695		\$108 728	\$ 108728 € 79695	US:2 Canada:5 EU:5
3719	UA	Kharkiv	Researches of the diagnostic capacities of multi images head tomograph	Scientific Research Institute of Radioengineering Measurements" Open Joint Stock Company	\$160 000							US:2 Canada:2 EU:2
3721	UA	Kyiv	Improving of corrosion resistance of aluminum alloyworkpieces by vacuum thermal treatment	Karpenko Institute of Physics and Mechanics	\$140 002							US:2 Canada:2 EU:2
3723	UA	Lviv	Bioanalytical technologies for monitoring of oncological patients' condition and prediction of its dynamics under influence of chemotherapy	State Scientific and Research Institute of Information Infrastructure	\$250 123							US:2 Canada:2 EU:2
3727	UA	Kharkiv	Magnetic Field Controlled Extra-High-Frequency and Optical Devices	O.Ya. Usikov Institute of Radiophysics and Electronics	\$242 670							US:2 Canada:2 EU:2
3729	UA	Kyiv	Automatic complex for the restoration of protective coatings for oil and gas pipelines.	Interbranch Research Institute of Mechanics Problems "RITM" of the National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$230 009			€ 84 292			€ 84292	US:2 Canada:2 EU:5

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3733	UA	Kharkiv	The optimization of nuclear and radiation safety of SNF centralized storage at ChNPP exclusion zone	National Science Center "Kharkiv Institute of Physics and Technology"	\$169 626							US:2 Canada:2 EU:2
3737	GE	Tbilisi	Perspective of uranium accompanying extraction from copper-barytic and auriferous ores of Madneuli region of Georgia	Agladze Institute of Inorganic Chemistry and Electrochemistry	\$171 800							US:2 Canada:2 EU:2
3741	UA	Dnipropetrovsk	Development of New High-Efficiency Sea Wave Electrical Power Supply Complex	M.K. Yangel "Pivdenne" State Design Office	\$189 292							US:2 Canada:2 EU:2
3745	UA	Lviv	Post-technological structural modification of chalcogenide vitreous semiconductors for multifunctional device application	Scientific Research Center "Carat"	\$199 867		\$199 867			\$199 867	\$ 199867	US:2 Canada:5 EU:2
3748	GE	Tbilisi	Research and Development of the Schemes and Technologies for the Enhancement of the Pipelines' Reliability	G. Tsulukidze Mining Institute	\$220 001							US:2 Canada:2 EU:2
3749	GE	Tbilisi	Investigation of radiation pollution density in Georgia and development of effective methods of their neutralization	Tbilisi I. Javakishvili State University	\$195 908							US:2 Canada:2 EU:2
3751	UA	Kharkiv	Effective noncovalent functionalization of carbon nanotubes for biosensing	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$172 300							US:2 Canada:2 EU:2
3753	UA	Kharkiv	Quasicrystals on the basis of transition metals: synthesis, structure, physical properties, accumulation of hydrogen	National Science Center "Kharkiv Institute of Physics and Technology"	\$150 000							US:2 Canada:2 EU:2
3755	UA	Rivne	Development and Study of Hydrodynamical Drilling Assemblies for Deep Large-Diameter Hole Drills in Superhard Rocks	"Plant of the New Technologies"	\$249 289							US:2 Canada:2 EU:2
3756	UA	Kharkiv	Detectors, aimed at diminution of consequences of terrorist acts on civilians with radioactive substance use.	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$145 000							US:2 Canada:2 EU:2
3757	UA	Kyiv	Development of High Efficiency Method and Autonomous Installation for Solar Energy Chemical Accumulation by Hydrogen	I.M. Frantsevich Institute of Problems of Materials Science	\$163 876							US:2 Canada:2 EU:2
3758	GE	Tbilisi	The development of effective Technologies of Diamond Crystals Synthesis with preset dimensions and Characteristics	Georgian Technical University	\$187 650							US:2 Canada:2 EU:2

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3761	UA	Dnipropetrovsk	Development of a Technique of Application of the Cavitation Hydrovibrator Offering Higher Rotary Drilling Efficiency	Institute of Technical Mechanics under NAS and NSA of Ukraine	\$275 210							US:2 Canada:2 EU:2
3764	UA	Kyiv	Development of New Biologically-Active Polymer Materials of Multivectorial Effect for Human and Environmental Protection	Institute of Macromolecular Chemistry	\$212 230							US:2 Canada:2 EU:2
3765	UA	Kharkiv	The development of new conception of a hypersonic airbreathing propulsion engine.	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	\$125 180							US:2 Canada:2 EU:2
3768	GE	Tbilisi	Elaboration of a New Therapeutic-Preventive Composite For Use in Dental Diseases	G. Eliava Institute of Bacteriophage, microbiology and virology	\$309 784							US:2 Canada:2 EU:2
3771	UA	Dnipropetrovsk	Automatic portable holographic complex and software for defectoscopy of multilayer panels in aerospace engineering	M.K. Yangel "Pivdenne" State Design Office	\$189 000							US:2 Canada:2 EU:2
3772	UA	Kyiv	Laser Technology Development for Special Materials Processing	International Center "Institute of Applied Optics"	\$296 000							US:2 Canada:2 EU:2
3773	UA	Kyiv	ENHANCEMENT OF THE EFFICIENCY OF RECIPROCATING INTERNAL COMBUSTION ENGINES BY MEANS OF THERMOCHEMICAL REGENERATION	Institute of Engineering Thermophysics	\$172 033							US:2 Canada:2 EU:2
3774	UA	Kharkiv	Novel Biocompatible Coating on Medical Titanium Implants with Functions of Drug Delivery Systems	Institute for Single Crystals R&D Corporation	\$207 758							US:2 Canada:2 EU:2
3780	UA	Dnipropetrovsk	Complex Analysis of Off-Nominal and Emergency Situations of Space Launch Vehicles Designed by Yuzhnoye SDO	M.K. Yangel "Pivdenne" State Design Office	\$201 977							US:2 Canada:2 EU:2
3782	UA	Dnipropetrovsk	Development of heat-resistant nanocomposites of tribotechnical purpose used for heavily loaded equipment units	Ukrainian State Chemical and Technological University	\$97 328							US:2 Canada:2 EU:2
3783	AZ	Baku	New nanosized and thin films oxides phosphors for visualization and emitting flat display	Institute of Physics of the National Academy of Sciences of Azerbaijan	\$87 135							US:2 Canada:2 EU:2

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3784	GE	Tbilisi	New Metal-Ceramic Composite Materials with Nanocrystalline Components for Manufacturing of Hard, Wear-Resistant, Refractory, Anti-Friction Discs	F. Tavadze Institute of Metallurgy and Material Sciences	\$270 000							US:2 Canada:2 EU:2
3786	UA	Kyiv	Nonlinear Dynamics of Intense Charged-Particle Beams in Transport Systems of RHIC and PL	V.M. Glushkov Institute of Cybernetics	\$246 290							US:2 Canada:2 EU:2
3788	UA	Lugansk	"Technology for growing homogeneous GaxIn1-xSb single crystals"	East Ukrainian State University	\$150 000							US:2 Canada:2 EU:2
3791	UZ	Tashkent	Identification resistance genes to water and salt stress, their utilization for enrichment of cotton genome.	Institute of Genetics and Plant Experimental Biology	\$300 000							US:2 Canada:2 EU:2
3792	UA	Kyiv	Raising Sensitivity of XRF Analyzer to Determine Sulfur and Chlorine Contaminants in Liquids and Gases	Scientific and Technical Center "Plus Radio"	\$281 012							US:2 Canada:2 EU:2
3793	MD	Chisinau	Computer and experimental simulation of dynamics of large scale constructions of npp under extreme loads	Institute of Mathematics and Computer Science	\$145 000							US:2 Canada:2 EU:2
3795	UA	Kharkiv	Improving Multiplexed Analysis Systems for Environmental Pollution Monitoring and Medical Diagnostics Using Novel Classification Dyes	Institute for Single Crystals R&D Corporation	\$150 000			€ 95 287			€ 95287	US:2 Canada:2 EU:5
3796	UA	Kyiv	Development of individual controls system and countermeasures on reduction of irradiation doses miners	Marzeev Institute of Hygiene and Medical Ecology	\$253 614							US:2 Canada:2 EU:2
3797	AZ	Baku	Suppression of mutagenic and oncogenic changes in animals through specific antibody-mediated inactivation of serotonin-modulating protein	A.I.Karaev Institute of Physiology	\$159 996							US:2 Canada:2 EU:2
3805	AZ	Baku	Creation of radiation and hydrochemical monitoring system of Kura, Araks, Samur rivers basin in Azerbaijan	Institute of Geology	\$300 000							US:2 Canada:2 EU:2
3806	UA	Dnipropetrovsk	Feed System for Launch Vehicle with Polyethylene Combustible Tank	Dnipropetrovsk National University	\$280 000							US:2 Canada:2 EU:2
3807	UA	Kyiv	Development of Active Elements of Nanophotonic Circuits Based on Si and InP Photonic Crystals	V.E. Lashkaryov Institute of Semiconductor Physics	\$150 000							US:2 Canada:2 EU:2

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3809	AZ	Baku	Elaboration of methods of drug addiction correction.	Republican Anti-Plague Station	\$94 101							US:2 Canada:2 EU:2
3811	UA	Kyiv	Radiation monitoring systems based on development of new devices	Scientific and Industrial Association "Detector"	\$279 957							US:2 Canada:2 EU:2
3817	UZ	Tashkent	Investigation into the properties of carbonic nanocomposite materials subjected to a reactor's neutron irradiation.	Institute of Nuclear Physics	\$249 995							US:2 Canada:1 EU:2
3821	AZ	Baku	Epidemiological, microbiological and clinical study of Yersiniosis in Azerbaijan	Republican Anti-Plague Station	\$149 947							US:2 Canada:2 EU:2
3824	UZ	Tashkent	Simulation of the nonlinear deformation process of structures from composite materials	Ulugbek National University of Uzbekistan	\$102 433							US:2 Canada:2 EU:2
3827	UA	Kyiv	Improvement of the behaviour, qualification and efficiency of iodine filters under normal or accidental conditions	State Scientific and Technical Center for Nuclear and Radiation Safety" State Interprise	\$132 019							US:2 Canada:2 EU:2
3830	AZ	Baku	Reproducible hydrocarbon sources in the sedimentary basins: methods of detection, mechanisms of action	Institute of Physics	\$210 000							US:2 Canada:2 EU:2
3833	UA	Kharkiv	The electromagnetic phenomena in new semiconductor micro/nanostructures for millimeter/submillimeter wave oscillation and amplification	O.Ya. Usikov Institute of Radiophysics and Electronics	\$160 770							US:2 Canada:2 EU:2
3838	AZ	Baku	Development of high-performance varistors operating in the wide range of rated voltages	Institute of Physics	\$199 275							US:2 Canada:2 EU:2
3844	UA	Dnipropetrovsk	Modification of the properties of germanate family crystals by doping with transition metal ions	Dnipropetrovsk National University	\$120 368							US:2 Canada:2 EU:2
3845	UA	Dnipropetrovsk	The universal nature of physical properties near ferroelectric phase transitions	Dnipropetrovsk National University	\$53 048							US:2 Canada:2 EU:2
3847	UA	Kyiv	A Concept of Large-scale Superconducting Magnetic Energy Storage for Use in Electric Power Industry	Institute of Electrodynamics	\$144 310							US:2 Canada:2 EU:2
3848	UA	Kyiv	Development of new nonlinear optical materials based on A(II)B(VI) semiconductors for industrial applications	Institute of Physics	\$150 060							US:2 Canada:2 EU:2

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3852	UA	Lviv	The ecological role of the bryophyte layer in restoration of technogenic landscapes of sulphur deposits	Institute of Ecology of the Carpathians	\$100 000							US:2 Canada:2 EU:2
3853	UA	Kyiv	Development and application of chemical means of destruction prevention of building constructions from artificial stone	Institute of Macromolecular Chemistry	\$280 000							US:2 Canada:2 EU:2
3854	UA	Kyiv	Novel production technology of superhard nanocomposites from detonation-synthesized nanodiamond powders	V. N. Bakul Institute for Superhard Materials	\$183 000							US:2 Canada:2 EU:2
3858	UA	Kyiv	The device based on nanostructured semiconductor sensor for toxics measurement in the alcoholic beverages	I.M. Frantsevich Institute of Problems of Materials Science	\$198 288							US:2 Canada:2 EU:2
3859	GE	Tbilisi	Development of Biogas Technology for Family Farms in Temperate Climate Zones	F. Tavadze Institute of Metallurgy and Material Sciences	\$177 328							US:2 Canada:2 EU:2
3863	UA	Kyiv	Phosphorylated calixarenes for selective extraction of actinides from radioactive wastes	Institute of Organic Chemistry	\$120 000		\$60 000	€ 43 979		\$60 000	\$ 60000 € 43979	US:2 Canada:5 EU:5
3865	UA	Kyiv	Environmental risk assessment for naturally occurring radioactive materials in petroleum oil fields	Institute for Environmental Geochemistry under NAS and the Ministry for Emergencies and Affairs of Population Protection from the Consequences of Chornobyl Catastrophe	\$265 464							US:2 Canada:2 EU:2
3866	GE	Tbilisi	Development of Technology for production Detonation Diamonds and Super-hard powders by Utilized Explosives	Research and Development Center "Delta"	\$115 950							US:2 Canada:2 EU:2
3874	UA	Kyiv	Maldi mass-spectrometry of biomarkers for processes of differentiation of stromal stem cells	National Academy of Sciences of Ukraine	\$189 372							US:2 Canada:2 EU:2
3877	UA	Kyiv	Femtosecond studies of nanomaterials in Ukraine	Institute of Physics	\$100 494							US:2 Canada:2 EU:2
3882	UA	Lviv	Development of ultrasonic computerized tomograph for material characterization in product volume and residual life estimation	Karpenko Institute of Physics and Mechanics	\$120 000							US:2 Canada:2 EU:2
3884	UA	Kharkiv	Spectral study of nano-electron systems with random imperfections: theory and modeling at millimeter wavelengths	O.Ya. Usikov Institute of Radiophysics and Electronics	\$61 258							US:2 Canada:2 EU:2

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3891	UA	Dnipropetrovsk	Automated Monitoring of Leak-Proofness of the Tanks with Explosive or Toxic Liquids during Long-term Operation.	M.K. Yangel "Pivdenne" State Design Office	\$167 768	\$167 768				\$167 768	\$ 167768	US:5 Canada:2 EU:2
3895	UA	Kyiv	Creation of new class of electrodes for fuel cells on basis of catalyst-containing carbon nanostructures	G.V. Kurdyumov Institute for Metal Physics	\$266 400							US:2 Canada:2 EU:2
3902	UA	Kharkiv	Plant for freezing and transportation of pharmaceutical and cosmetic used animal glands and organs	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	\$140 000							US:2 Canada:2 EU:2
3903	GE	Tbilisi	Development and investigation of the new hydraulic multistage rotary downhole engine for deep-well drilling	Georgian Technical University	\$100 000							US:2 Canada:2 EU:2
3907	GE	Tbilisi	Development of Effective System to Protect People from Bacteriological Terrorism	G. Eliava Institute of Bacteriophage, microbiology and virology	\$230 000							US:2 Canada:2 EU:2
3909	UA	Kyiv	Information technology for solution of problems of trans-computational complexity	V.M. Glushkov Institute of Cybernetics	\$170 000							US:2 Canada:2 EU:2
3912	UA	Kyiv	"Development of biotechnical method for ammunition utilization and fabrication of powders on their base."	I.M. Frantsevich Institute of Problems of Materials Science	\$249 999							US:2 Canada:2 EU:2
3917	UA	Kharkiv	Development of Vaccine Against Classical Swine Fever for Peroral Application.	Institute of Experimental and Clinical Veterinary Medicine	\$184 994							US:2 Canada:2 EU:2
3918	UA	Kharkiv	IMMUNO-BIOLOGICAL FEATURES OF NATIVE AND CRYOPRESERVED ADRENAL GLAND ALLOGRAFTS	Institute for Problems of Cryobiology and Cryomedicine	\$198 115							US:2 Canada:2 EU:2
3920	GE	Tbilisi	The utilization of environmentally hazardous wastes of Georgian mining enterprises located near the Black Sea	The Association of Small Mining Enterprises of Georgia (ASMEGeo)	\$175 000							US:2 Canada:2 EU:2
3923	UA	Dnipropetrovsk	Investigation of structure formation and properties of new wear-resistant manganese alloys	Pridneprovsk State Academy of Civil Engineering and Architecture, Material Science Department	\$169 084							US:2 Canada:2 EU:2
3925	AZ	Baku	Development of conception of geodynamical model of the earth crust evolution	Institute of Geology	\$187 420							US:2 Canada:2 EU:2
3927	UA	Kyiv	New functional materials on the base of nano- and microcomposites	Institute for Bioorganic Chemistry and Petrochemistry	\$264 531							US:2 Canada:1 EU:2
3930	AZ	Baku	Potentiometric biosensors on the base of modified peroxidises with various natural characteristics	Institute of Botany	\$157 000							US:2 Canada:2 EU:2

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3931	UA	Kyiv	Phase equilibria and properties of materials in the systems with CeO ₂ , ZrO ₂ (HfO ₂) and REO for functional and structural ceramics.	I.M. Frantsevich Institute of Problems of Materials Science	\$230 915							US:2 Canada:1 EU:2
3937	UA	Lviv	Theory of in-situ Insulator Coating concerning V/Li blanket	Karpenko Institute of Physics and Mechanics	\$100 004							US:2 Canada:2 EU:2
3938	AZ	Baku	Elaboration and investigation of new photo-, electro-, thermoluminescent polymer nanocomposite materials	Baku State University	\$240 000							US:2 Canada:2 EU:2
3940	UA	Borispol Region	Production of pig embryos in vitro using nanobiocomposites	Institute of Animal breeding and Genetics	\$194 152							US:2 Canada:2 EU:2
3941	UA	Kyiv	The development of the technology minimization of radondanger for municipal inhabitants of Georgia and Ukraine	Limited Responsibility Association "MAISTER-GEO"	\$275 234							US:2 Canada:2 EU:2
3943	AZ	Baku	Synthesis and investigation of physiological activity of arylsubstitutive 1,2-amino alcohols and their derivatives	Baku State University	\$110 834							US:2 Canada:2 EU:2
3944	UA	Kyiv	Building the first regional segment of the national grid-network in Ukraine	M.M. Bogolubov Institute for Theoretical Physics	\$94 500							US:2 Canada:2 EU:2
3951	UA	Kharkiv	Advanced high current plasma tools for heavy ion beam drivers	National Science Center "Kharkiv Institute of Physics and Technology"	\$316 400							US:2 Canada:2 EU:2
3955	UA	Kyiv	Structure, phase constitution and mechanical properties of Ti-Si-X alloys (Si<2wt. % - titanium "steels")	I.M. Frantsevich Institute of Problems of Materials Science	\$158 240							US:2 Canada:2 EU:2
3956	UA	Kyiv	Development of Electron Beam PVD processes for Quasicrystal Formation in Amorphous Zr-based Alloys	E.O. Paton Electric Welding Institute	\$172 480							US:2 Canada:2 EU:2
3957	UZ	Tashkent	Processing of Biomedical Information for Monitoring of Disease Evolution: Prediction and Risk Analysis	The Scientific Research Institute "Algorithm - Engineering" of AS RUz	\$115 000							US:2 Canada:1 EU:2
3962	UA	Kyiv	The power-generating set for the electric vehicle with hydrogenous fuel element	National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$127 621							US:2 Canada:1 EU:2
3964	AZ	Baku	NEW APPROACHES TO THE VULNERABILITY ASSESSMENT OF CRITICAL TRANSPORTATION INFRASTRUCTURE: CASE STUDY	AMIR ltd - NGO	\$156 273			€ 114 544			€ 114544	US:2 Canada:2 EU:5

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3967	UA	Kyiv	Design and investigation of advanced polymer-nanoparticle composite materials for photonics and optoelectronics	Kyiv Taras Shevchenko University	\$281 002							US:2 Canada:2 EU:2
3968	UA	Kyiv	The noise-immunity communication device over power-lines for intelligent systems of remote control, monitoring and signalling for industry, transport and for	National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$117 089							US:2 Canada:2 EU:2
3973	GE	Tbilisi	Durability of rails and wheels and the traffic safety	Georgian Technical University	\$193 556							US:2 Canada:2 EU:2
3974	UA	Kharkiv	Stellar (p,gamma) Nuclear Reaction Cross Sections	National Science Center "Kharkiv Institute of Physics and Technology"	\$176 873							US:2 Canada:2 EU:2
3977	UA	Kyiv	Comprehensive Experimental Study of Changes in the Properties of Blood under Exterior Factors	Institute of Surface Chemistry	\$210 657							US:2 Canada:2 EU:2
3978	UA	Lviv	Processing of ammunition, equipped with the nitroamines based compositions, into boosters for mining industry	Research and Design Center "Proton"	\$140 140							US:2 Canada:2 EU:2
3979	UA	Kharkiv	Studies of electromagnetic radiation mechanism in Roentgen and submillimeter region from electric discharge in electrolytes	O.Ya. Usikov Institute of Radiophysics and Electronics	\$120 404							US:2 Canada:2 EU:2
3981	AZ	Baku	Research of semiconductor structures for development of detectors and dosimeters of gamma and neutron radiation	Institute of Physics of the National Academy of Sciences of Azerbaijan	\$239 280							US:2 Canada:2 EU:2
3982	GE	Tbilisi	Development of novel ceramic and polymer composites based on secondary raw materials	Georgian Technical University	\$180 000							US:2 Canada:2 EU:2
3983	UA	Kharkiv	Mitigation of irradiation-accelerated corrosion of structural steels in molten lead using advanced cover-cladding techniques	"Accelerator" Research and Development Complex at the National Science Center "Kharkiv Institute for Physics and Technology"	\$332 999							US:2 Canada:2 EU:2
3986	GE	Tbilisi	Fabrication of Novel WC-NiAl Composites by Hot Explosive Consolidation	G.Tsulukidze Mining Institute of Georgian Academy of Sciences	\$39 965							US:2 Canada:2 EU:2
3987	GE	Tbilisi	The Novel Bioconversion System for Energy and Single-Cell Protein Combined Production from Organic Wastes	National High Technology Centre of Georgia	\$290 000							US:2 Canada:1 EU:2
3991	GE	Tbilisi	Development of evaluation system of constructions' strength criteria based on fiber-optical sensors	Georgian Technical University	\$148 500							US:2 Canada:1 EU:2

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3994	UA	Simferopol	Immunosuppressive fibres of Yersinia pestis	Crimean State Medical University	\$160 392							US:2 Canada:1 EU:2
3996	AZ	Baku	ECOLOGICAL INFLUENCE OF TECHNOGENIC/NATURAL PHYSICAL FIELDS IN THE SOUTHERN SLOPE OF THE GREAT CALCASUS	Institute of Radiation Problems	\$270 700							US:2 Canada:1 EU:2
3997	GE	Tbilisi	R & D on Bulk Semiconductor Crystals and Epitaxial Structures Based on Si-Ge Alloys	I. Vekua Sukhmy Institute of Physics and Technology	\$296 100							US:2 Canada:1 EU:2
3998	AZ	Baku	Radio ecological survey of the soil of the territory of Baku city of Absheron peninsula	Institute for Space Research of Natural Resources	\$239 898							US:2 Canada:1 EU:2
4000	AZ	Baku	Development of high-accuracy ozonometer for measurement of total content of ozone in atmosphere	Scientific Industrial Center "Ozone"	\$150 000							US:2 Canada:2 EU:2
4006	GE	Tbilisi	Development of New Electroslag Remelting Technology for Metallic Materials by Modification with Surface-active Substances	F. Tavadze Institute of Metallurgy and Material Sciences	\$143 520							US:2 Canada:2 EU:2
4007	UA	Lviv	Technology for the production of anisotropic nanocrystalline samarium-cobalt alloys powders and study their properties	Karpenko Institute of Physics and Mechanics	\$260 000							US:2 Canada:1 EU:2
4015	AZ	Baku	Exploration and application of the high - speed ionization waves in modern technologies	Institute of Physics of the National Academy of Sciences of Azerbaijan	\$254 954							US:2 Canada:2 EU:2
4019	AZ	Baku	The electronic navigator for helicopter at the low visibility	Institute of Information Technologies	\$241 464							US:2 Canada:1 EU:2
4027	MD	Chisinau	NEW ENERGY SOURCES: MICROHIDROSTATION FOR CONVERSION OF RENEWABLE KINETIC ENERGY	Technical University of Moldova	\$156 800							US:2 Canada:2 EU:2
4032	MD	Chisinau	Power and efficiency of natural computing: neural-like P (membrane) systems	Institute of Mathematics and Computer Science	\$264 264			€ 193 699			€ 193699	US:2 Canada:2 EU:5
4040	AZ	Baku	Synthesis of multifunctional sorbents by modification of polymers and studying of sorption of toxic substances	Baku State University	\$253 510							US:2 Canada:2 EU:2
4041	MD	Chisinau	Elaboration of experimental samples of silicon PV modules by spray nitrolysis	Institute of Applied Physics	\$259 108							US:2 Canada:2 EU:2
4043	UA	Chernivtsy	Optical Pre-Clinical Diagnostics of Pathological Changes in Human Tissues	Yu. Fedkovich Chernivtsi State University	\$176 400							US:2 Canada:2 EU:2

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4044	AZ	Baku	Basic and applied aspects of the Mud Volcanoes Recent Dynamics, on example South Caspian Basin	Institute of Geology of National Academy of Sciences of Azerbaijan Republic	\$149 522							US:2 Canada:2 EU:2
4046	UA	Uzhgorod	Functional As(Sb,Ge)-S(Se,Te) chalcogenide-based materials for optoelectronic purposes	Institute of Electron Physics	\$233 832							US:2 Canada:2 EU:2
4049	UA	Dnipropetrovsk	Propulsion Systems Using Unitary Paste-Like Fuel for Launch Vehicle Stages and Spacecrafts	Scientific Research Power Engineering Institute of the Dnipropetrovsk National University	\$298 004			€218 430			€218430	US:2 Canada:2 EU:5
4051	GE	Tbilisi	Development of nanostructural coatings of Ti-Ni(Mo) composition based on Electrochemical Synthesis Technology from Molten Salts	Agladze Institute of Inorganic Chemistry and Electrochemistry	\$49 888							US:2 Canada:2 EU:2
4066	MD	Chisinau	Development of medical multifunctional device and new techniques for electrotherapy in various directions of medicine	Industrial Management Systems Development Center	\$194 586			€142 627			€142627	US:2 Canada:2 EU:5
4069	AZ	Baku	INVESTIGATION OF ETHANOL CONVERSION OVER COMPLEX OXYDE CATALYSTS INTO VALUABLE MONOMERS USED IN PETROCHEMICAL INDUSTRY	ELKO	\$280 936							US:2 Canada:1 EU:2
4071	GE	Tbilisi	Prevalence of some animal transmitted viruses in population of Georgia	National Center for Disease Control of Georgia	\$269 793							US:2 Canada:2 EU:2
4075	UA	Kharkiv	NOVEL SCINTILLATORS BASED ON CRYSTALLINE AND NANODISPERSED COMPLEX OXIDES FOR NUCLEAR INSTRUMENTS	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$183 820							US:2 Canada:2 EU:2
4076	MD	Chisinau	Evaluation and selection of valorous genotypes of aromatic plants for creation the diseases-free reproductive plantations	Institute of Genetics of the Academy of Sciences of Moldova	\$193 311							US:2 Canada:1 EU:2
4077	UA	Kyiv	Creation of new tool composites and nanotechnology of polishing non-metallic materials with in-situ quality control	V. N. Bakul Institute for Superhard Materials	\$180 000							US:2 Canada:2 EU:2
4081	GE	Tbilisi	Development of Novel Fine Tunable Liquid Crystal Laser for Early Diagnostics of Oncologic Diseases	Institute of Cybernetics	\$96 076							US:2 Canada:2 EU:2
4086	UA	Kyiv	Monitoring of hazardous microbial infections in Ukraine and development of their early diagnostics	Ovcharenko Institute of Biocolloidal Chemistry	\$275 000							US:2 Canada:2 EU:2

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4090	AZ	Baku	Research and development of cooling system of the concentrated photoelectric solar cells with increased efficiency by means of magnetic field	Azerbaijan National Aerospace Agency	\$269 928							US:2 Canada:2 EU:2
4093	MD	Chisinau	Elaboration of methods for plant productivity and resistance increase in conditions of anthropogenic polluted soils	Institute of Plant Physiology (Academy of Sciences of Moldova)	\$161 063							US:2 Canada:1 EU:2
4094	GE	Tbilisi	Development of computer-aided diagnostic systems increasing transportation and train motion safety	Georgian Technical University	\$143 230							US:2 Canada:2 EU:2
4097	MD	Chisinau	Algorithms and software implementation for solving optimization problems on networks	Institute of Mathematics and Computer Science	\$129 580							US:2 Canada:2 EU:2
4098	UA	Kharkiv	Dielectrometry of Biological Liquids on the Base of Whispering Gallery Mode Dielectric Resonators	O.Ya. Usikov Institute of Radiophysics and Electronics	\$149 716							US:2 Canada:2 EU:2
4103	GE	Tbilisi	Research of Ecological Risk Factors of Manganese on Reproductive Health in Regions of Georgia	National Center for Disease Control of Georgia	\$365 182							US:2 Canada:2 EU:2
4110	UA	Kyiv	Optimal management of ecological risk from multiple pollutants in terrestrial ecosystems	Kyiv Taras Shevchenko University	\$250 136							US:2 Canada:2 EU:2
4113	UA	Kyiv	A novel nanostructural diamond-based polycrystalline composite material	V. N. Bakul Institute for Superhard Materials	\$100 000							US:2 Canada:2 EU:2
4118	UA	Kyiv	Information technologies of decision intricate recognition problems on the basis of polynomial inductive procedures	V.M. Glushkov Institute of Cybernetics	\$100 000							US:2 Canada:2 EU:2
4121	UA	Chernivtsy	Research and development of thermoelectric heat pumps for energy-saving heating systems	Institute of Thermoelectricity under NAS and MES of Ukraine	\$100 000							US:2 Canada:2 EU:2
4122	UA	Kyiv	Development of new principles of formation of electroluminescent nanostructures based on acoustic-stimulated ion-beam engineering	V.E. Lashkaryov Institute of Semiconductor Physics	\$100 000							US:2 Canada:2 EU:2
4124	UA	Kharkiv	Scientific development of ecologically clean, energy-saving vacuum installations for drying of wood	National Science Center "Kharkiv Institute of Physics and Technology"	\$99 000							US:2 Canada:2 EU:2

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4130	UA	Odessa	The parallel language and tools for a CAD and programming of digital systems	Southern scientific centre of a National Academy of sciences and Ministries of education and sciences of Ukraine	\$70 008							US:2 Canada:2 EU:2
4136	UA	Lviv	Creation of the system prototype for image input with threshold sensitivity	State Scientific and Research Institute of Information Infrastructure	\$100 000							US:2 Canada:2 EU:2
4141	UA	Kyiv	Environmental risk indicators: revision of model taxa and elaboration of molecular tool for lichenometry	M.H. Kholodny Institute of Botany of National Academy of Sciences of Ukraine	\$194 897							US:2 Canada:2 EU:2
4142	UA	Kyiv	Development of the Main Criteria's of Suitability of Natural Rock Raw Materials for Platinum-Less Mineral/ Basalt Fiber Production	I.M. Frantsevich Institute of Problems of Materials Science	\$243 276							US:2 Canada:2 EU:2
4143	AZ	Baku	Usage high dense ciliates culture as fish larvae food and purification of sewage	Ecological Innovation Center of Azerbaijan Republic	\$238 624							US:2 Canada:1 EU:2
4144	UA	Kharkiv	New approaches to growth of ZnSe:Cr crystals and to making of efficient medical mid-IR lasers	Institute for Single Crystals R&D Corporation	\$90 000			€ 65 968			€ 65968	US:2 Canada:2 EU:5
4145	UA	Lviv	Non-contact ultrasonic computerized tomography technology for constructions' material characterization for increasing of industrial safety level	Karpenko Institute of Physics and Mechanics	\$100 000							US:2 Canada:2 EU:2
4158	UA	Kyiv	Hybrid catalytic membrane reactors for water purification and disinfection	A.V. Dumansky Institute of Colloid Chemistry and Water Chemistry	\$259 581							US:2 Canada:1 EU:2
4161	AZ	Baku	Development of treatment technology by means of various oxidants for oil polluted soils	BT Texno Servis	\$192 600							US:2 Canada:1 EU:2
4163	UA	Kharkiv	Development, manufacture and investigation of the light alkali metal high current injector	National Science Center "Kharkiv Institute of Physics and Technology"	\$92 068							US:2 Canada:2 EU:2
4165	UA	Kyiv	Microrobot for step application of the cells and tissue cultures	"Lileya" Small Scientific Production Enterprise	\$159 644							US:2 Canada:2 EU:2
4170	GE	Tbilisi	Novel Indol-containing Condensed Tetracyclic Systems with Promising High Antitubercular and Antiviral Activity: Synthesis and Screening	Georgian Technical University	\$249 340							US:2 Canada:1 EU:2
4172	AZ	Baku	Investigation of optical properties of colloid-liquid crystal composites for constructing new photonic devices	Institute of Physics of the National Academy of Sciences of Azerbaijan	\$184 434			€ 135 186			€ 135186	US:2 Canada:2 EU:5

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4174	UA	Kyiv	Development of fluorescent probes for DNA diagnosis of severe hereditary diseases by real-time PCR	Institute of Molecular Biology and Genetics	\$222 160							US:2 Canada:2 EU:2
4180	UA	Kharkiv	Research and development of thin layer "lab-on-a-chip" electrochemiluminescent sensor with diamond-like electrodes for detection of bile pigments in biological	Kharkiv State Technical University of Radioelectronics	\$196 795			€ 144 246			€ 144246	US:2 Canada:2 EU:5
4184	UA	Kharkiv	Plasma-chemical processing of nano- and microparticles in gas discharge plasmas	V.N. Karazin Kharkiv National University	\$167 776							US:2 Canada:2 EU:2
4188	UA	Lviv	Laser-based technologies for low-dimensional heterostructures designing from II-VI semiconductor thin films	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	\$134 034							US:2 Canada:2 EU:2
4204	UA	Chernivtsy	Optoelectronic Meter for Measuring the Effect of Ultraviolet Irradiance on Human Organism	Yu. Fedkovich Chernivtsi State University	\$101 846							US:2 Canada:2 EU:2
4206	UA	Kyiv	"Dynamic PhotocARRIER Radiometric Technology in-operation characterization of micro-electronic and optoelectronic devices"	V.E. Lashkaryov Institute of Semiconductor Physics	\$139 370							US:2 Canada:2 EU:2
4215	UA	Lviv	Design of novel precise-interferometric device for automated non-destructive express-measurements of optical refraction in anisotropic media	"Lvivska Polytechnica" National University	\$156 510							US:2 Canada:2 EU:2
4216	UA	Kharkiv	Radio-frequency plasma production and heating in Uragan-2M stellarator	Institute of Plasma Physics of the National Science Center "Kharkiv Institute of Physics and Technology"	\$307 400			€ 225 317			€ 225317	US:2 Canada:2 EU:5
4217	GE	Tbilisi	Reduction of Pollution of Rivers and Sea Coastal Zone by influence of Advanced Agricultural Technologies	I. Vekua Institute of Applied Mathematics at Tbilisi State University	\$132 575							US:2 Canada:1 EU:2
4263	UA	Lviv	Semiconductor devices for wide band frequency magnetic field measuring in TORE SUIPRA reactor	"Lvivska Polytechnica" National University	\$240 000							US:2 Canada:1 EU:2
4264	UA	Dnipropetrovsk	Development of the Microbe Insecticide Complex Preparation for Plant Protection	Dnipropetrovsk National University	\$244 068							US:2 Canada:2 EU:2
4274	UA	Kyiv	Modelling and experimental investigation of possibility for nuclear fusion stimulated by thermal neutrons in borates	Kyiv Taras Shevchenko University	\$195 808							US:2 Canada:2 EU:2

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4278	UA	Kyiv	Determination of main parameters responsible for transport of Cs-137 from soil to plant.	Kyiv Taras Shevchenko University	\$150 000							US:2 Canada:2 EU:2
4287	GE	Tbilisi	Development of Novel Industrial Technology of Production Nanoscale and Amorphous metal powders by Electron Beam Technology.	Georgian Technical University	\$149 893							US:2 Canada:1 EU:2
AZ-03	AZ	Baku	New corrosion-resistant and wear-resistant coating for oil and gas industry equipment.	Radiational Investigation Institute	\$200 000							US:2 Canada:2 EU:2
MO-03	UA	Kyiv	The development of composite materials based on nano-structured and amorphous components.	Kyiv Taras Shevchenko University	\$194 200							US:2 Canada:2 EU:2
Subtotal Regular Projects Approved:					\$55 173 165	\$307 521	\$508 348	€ 1 756 109	\$0	\$815 869	\$ 815869 €1756109	
4307	GE	Tbilisi	Decondensation of telomeric heterochromatin as a protective means from Atherosclerosis.	Tbilisi State University	\$49 515			€ 18 147			€ 18147	US:2 Canada:2 EU:5
4308	GE	Tbilisi	Information Recording in Photosensitive Photonic Polymer Dispersed Liquid Crystals.	Institute of Cybernetics	\$48 000							US:2 Canada:2 EU:2
4309	GE	Tbilisi	Modification of Complex of Papaya Proteases by synthetic biodegradable polymeric carriers as a potential injection.	Laboratory of Enzymology, Kutateladze Institute of Pharmacochemistry	\$49 998	\$8 333	\$8 333	€ 6 108		\$16 666	\$ 16666 € 6108	US:5 Canada:5 EU:5
4310	GE	Tbilisi	Pharmacological potentials of placental anti-inflammatory glycopeptides.	Institute of Medical Biotechnology	\$49 964							US:2 Canada:2 EU:2
4311	GE	Tbilisi	Endogenous mechanisms of pain modulation in different functional states of the brain.	I. Beritashvili Institute of Physiology	\$49 961							US:2 Canada:2 EU:2
4312	GE	Tbilisi	Development of biotechnologic method for the increase of mulberry silkworm productivity.	Georgian State Agriculture University	\$49 924							US:2 Canada:2 EU:2
4315	GE	Tbilisi	The computer modeling and synthesis of poly(ADP-ribose)polymerase inhibitors and investigation of their biological activity.	Institute of Molecular Biology and Biological Physics	\$49 999							US:2 Canada:2 EU:2
4316	GE	Tbilisi	Bacteriophage Therapy in Pediatrics (Clinical-Microbiological Study).	Tbilisi State Medical University	\$49 886			€ 18 283			€ 18283	US:2 Canada:2 EU:5
4318	GE	Tbilisi	Prevention of multi-organ dysfunction syndrome (MODS) by apoptosis inhibition in endotoxemic shock.	A. Natishvili Institute of Morphology	\$44 167							US:2 Canada:2 EU:2

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4320	GE	Tbilisi	Development of an Efficient Method for Solving the Problems of Multicriteria Optimization	A. Eliashvili Institute of Control Systems	\$50 000							US:2 Canada:2 EU:2
4326	GE	Tbilisi	Development of Entomopathogenic Nematodes and Beneficial Insects for Biological Plant Protection in Greenhouses	L. Kanchaveli Research Institute of Plant Protection	\$50 000		\$25 000			\$25 000	\$ 25000	US:2 Canada:5 EU:2
4327	GE	Tbilisi	The Invertebrate Animals as bioindicators of urban environment (Tbilisi)	Georgia LEPL Institute of Zoology	\$46 698	\$23 349				\$23 349	\$ 23349	US:5 Canada:2 EU:2
4328	GE	Tbilisi	Creation of aerosolic form of combined bacteriophage preparation	G. Eliava Institute of Bacteriophage, microbiology and virology	\$49 992							US:2 Canada:2 EU:2
4329	GE	Tbilisi	Biologically active food red colorant of plant origin	Durmishidze Institute of Biochemistry and Biotechnology	\$50 000	\$25 000				\$25 000	\$ 25000	US:5 Canada:2 EU:2
4330	GE	Tbilisi	Detoxification of Heavy Metal Ions by Basalt-Inhabiting Bacteria	E. Andronikashvili Institute of Physics	\$49 794	\$12 449	\$12 449			\$24 898	\$ 24898	US:5 Canada:5 EU:2
4331	GE	Tbilisi	Increase of ergonomic efficiency of the personal computer by using multifunctionality principle	Georgian Technical University	\$49 998							US:2 Canada:2 EU:2
4332	GE	Tbilisi	Development of anaerobic fermentation technology providing combined production of biohydrogen and biomethane from organic wastes	Georgian Technical University	\$49 728							US:2 Canada:2 EU:2
4333	GE	Tbilisi	Synthesis and nanostructure investigation of Gallium new coordination compounds on the basis of bioactive ligands	Georgian Technical University	\$49 924							US:2 Canada:2 EU:2
4354	UA	Kyiv	Self-organized strain engineering of semiconductor nanostructures	V.E. Lashkaryov Institute of Semiconductor Physics	\$100 000							US:2 Canada:2 EU:2
4355	UA	Kyiv	The development of a new class of artificial antiferromagnetic and ferrimagnetic materials based on rare-earth and transitional metals multilayers for modern electronic devices	Institute of Magnetism	\$100 000							US:2 Canada:2 EU:2
4356	UA	Kyiv	Development of new wear- and heat-resistant thermal spray cermet coatings of mechanically alloyed powders containing nanocrystalline phases of non-oxygen high-strength compounds	E.O. Paton Electric Welding Institute	\$100 000							US:2 Canada:2 EU:2

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4357	UA	Kharkiv	ZnO quantum dots ensembles on basis of ordered bulk structures of new type hetero-nanoparticles SiO ₂ /ZnO/SiO ₂	Institute for Single Crystals	\$99 960	\$49 980				\$49 980	\$ 49980	US:5 Canada:2 EU:2
4358	UA	Kharkiv	Polyfunctional nanoluminophores for control and secure coding of cell materials	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$90 000	\$22 500		€ 16 492		\$22 500	\$ 22500 € 16492	US:5 Canada:2 EU:5
4359	UA	Kharkiv	Development of a new material based on pressure-oriented carbon nanotubes and investigation of its properties	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$100 000	\$25 000		€ 18 324		\$25 000	\$ 25000 € 18324	US:5 Canada:2 EU:5
4360	UA	Kharkiv	Effect of helium and hydrogen on stability and H-storage properties of nanostructured Zr Ti compounds	National Science Center "Kharkiv Institute of Physics and Technology"	\$100 000							US:2 Canada:2 EU:2
4362	UA	Kyiv	Self-assembly of nanoparticles and nanocrystalline materials based on zirconium oxide and barium titanate	V.I. Vernadsky Institute of General and Inorganic Chemistry	\$99 000		\$49 500			\$49 500	\$ 49500	US:2 Canada:5 EU:2
4363	UA	Kyiv	Development of thermosensitive elements on the base of two-dimensional photonic silicon structures	V.E. Lashkaryov Institute of Semiconductor Physics	\$100 000							US:2 Canada:2 EU:2
4364	UA	Kyiv	New intellectual energy-conserving LED functional lighting systems with hollow light guides	V.E. Lashkaryov Institute of Semiconductor Physics	\$95 000							US:2 Canada:2 EU:2
4365	UA	Kyiv	Development and Optimization of Design of High-Temperature Tube Recuperative Heat Exchanger of Enhanced Resistance (RER)	Gas Institute	\$100 000	\$25 000		€ 18 324		\$25 000	\$ 25000 € 18324	US:5 Canada:2 EU:5
4366	UA	Kharkiv	Equipment for prevention of unauthorized blasting of explosive assemblies	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$100 000							US:2 Canada:2 EU:2
4367	UA	Kharkiv	An increasing of level of environmental safety for heat-and-power plant	National Science Center "Kharkiv Institute of Physics and Technology"	\$99 628							US:2 Canada:2 EU:2
4368	UA	Kharkiv	Radiation-induced recovery of nuclear materials	National Science Center "Kharkiv Institute of Physics and Technology"	\$100 000			€ 36 649			€ 36649	US:2 Canada:2 EU:5
4369	UA	Chernivtsy	Development of Radiation-Resistance Sensors Based on Layered Heterostructures for Nuclear Radiation Detector	Chernivtsi Department of I.M. Frantsevich Institute of Problems of Materials Science	\$100 000							US:2 Canada:2 EU:2

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4370	UA	Kharkiv	Development of Energy-Efficient Environmentally Appropriate Technology of Microwave-Assisted Synthesis in Reactors up to 10 Liters	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$95 005							US:2 Canada:2 EU:2
4371	UA	Kyiv	Development of modern information technologies for maintenance and predicting of catastrophic situations in highly technological energy objects	V.M. Glushkov Institute of Cybernetics	\$100 000							US:2 Canada:2 EU:2
4372	UA	Kyiv	Control of Moving Objects in Emergency Situations Using Ad-Hoc Network-Based Parallel Structures	V.M. Glushkov Institute of Cybernetics	\$100 000							US:2 Canada:2 EU:2
4373	UA	Kyiv	Development of the computer platform system for virtual communication deaf and blind people	V.M. Glushkov Institute of Cybernetics	\$96 000	\$48 000				\$48 000	\$ 48000	US:5 Canada:2 EU:2
4374	UA	Lviv	Information-analytical system for characteristics of malignant cells with different sensitivity to anticancer drugs effect	State Scientific and Research Institute of Information Infrastructure	\$100 000							US:2 Canada:2 EU:2
4375	UA	Lviv	Design of efficient phased array acousto-optic Bragg cells for high-speed control of powerful laser radiation	Karpenko Institute of Physics and Mechanics	\$99 910							US:2 Canada:2 EU:2
4376	UA	Kyiv	Directional search for synthetic antibacterial compounds against specific human infections	Institute of Molecular Biology and Genetics	\$100 000			€ 36 649			€ 36649	US:2 Canada:2 EU:5
4377	UA	Kyiv	Experimental substantiation of stem cells use at diabetes mellitus and its complications	O.O. Bohomolets Institute of Physiology	\$100 027							US:2 Canada:2 EU:2
4378	UA	Lviv	Gene and Protein Engineering of Oxidoreductases for Construction of Bionanosized Objects of Analytical Importance	Institute of biology of cell	\$100 000			€ 36 649			€ 36649	US:2 Canada:2 EU:5
4379	UA	Kyiv	Synthesis, structure and bioactivity screening of novel medically promising complexes of platinum metals with phosphonic acid derivatives	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology	\$98 594							US:2 Canada:2 EU:2
4380	UA	Kyiv	Development and testing of safe marker systems for transgenic plant selection based on mutated tubulin genes	Institute of Cell Biology and Genetic Engineering	\$100 000							US:2 Canada:2 EU:2
4381	UA	Kyiv	Novel technologies in the study of IFN-alpha functional activity	Institute of Molecular Biology and Genetics	\$99 984	\$24 996		€ 18 322		\$24 996	\$ 24996 € 18322	US:5 Canada:2 EU:5

1. Review Incomplete
2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Same as 3

5. Approved for funding. See comments
6. Proj. Dev Grant awarded
7. N/A



STCU Funding Table
24th Governing Board Meeting
31 May 2007

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
Subtotal Targeted R&D Init. Projects Approved:					\$3 560 656	\$264 607	\$95 282	€ 223 947	\$0	\$359 889	\$ 359889 €223947	
P004I	UA	Kyiv	Scientific Protocol for the study of thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl accident	Institute of Endocrinology and Metabolism	\$156 132	\$156 132				\$156 132	\$ 156132	
P122B	UZ	Tashkent	Development of management strategies for control of Turkestan termite, a major threat to cultural heritage in Central Asia	Institute of Zoology (Tashkent)	\$256 000	\$256 000				\$256 000	\$ 256000	
P160	UA	Kharkiv	Genetic Variability of Tuberculosis and Atypical Mycobacteria Isolated of Farm Animals in Radiation-polluted Areas	Institute of Experimental and Clinical Veterinary Medicine	\$80 000	\$80 000				\$80 000	\$ 80000	
P206a	UA	Kyiv	Development on the base of Tesseral software the 2D and 3D duplex wave migration theory, algorithms and a program for Linux cluster	Ukrainian state geological research institute	\$198 891		\$198 891			\$198 891	\$ 198891	
P216a	UA	Kyiv	Descriptive Supervised Optimization in High Dimensional Mixed Type Data	V.M. Glushkov Institute of Cybernetics	\$25 000	\$25 000				\$25 000	\$ 25000	
P233a	UA	Kharkiv	Conceptual Design Development of the Ukraine Accelerator Sub-Critical Assembly System with Reduced Enrichment Fuel	National Science Center "Kharkiv Institute of Physics and Technology"	\$200 000	\$200 000				\$200 000	\$ 200000	
P246	UA	Kyiv	Tailoring of microstructure and properties of titanium parts with local rapid heat treatment	G.V. Kurdyumov Institute for Metal Physics	\$60 000	\$60 000				\$60 000	\$ 60000	

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4. Same as 3

5. Approved for funding.
See comments
6. Proj. Dev Grant awarded
7. N/A
8. Review complete - to be considered at next GBM



STCU Funding Table
24th Governing Board Meeting
31 May 2007

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P251	UA	Kharkiv	Characterization and optimization of vacuum-arc plasma generator for nanocomposite tribological coating growth	National Science Center "Kharkiv Institute of Physics and Technology"	\$30 000	\$30 000				\$30 000	\$ 30000	
P259a	UA	Kharkiv	Continuous single crystal growth and halide scintillator performance improvement	Amcryst Ltd.	\$706 742				\$706 742	\$706 742	\$ 706742	
P262	UA	Kyiv	Towards the truly predictive 3D modeling of recrystallization and grain growth in advanced technical alloys	G.V. Kurdyumov Institute for Metal Physics	\$60 000	\$60 000				\$60 000	\$ 60000	
P263	UA	Kyiv	Synthesis, evaluation of metal immobilized porous mineral oxides as sorbents for desulfurization of transportation fuels	Institute for Bioorganic Chemistry and Petrochemistry	\$240 000	\$240 000				\$240 000	\$ 240000	
P268a	UA	Kyiv	Viroden Production for CSU subcontract to prime grant 316 from FNIH	Kyiv Taras Shevchenko University	\$20 000	\$20 000				\$20 000	\$ 20000	
P273	UA	Kyiv	Computer modeling of the physico-chemical processes for directed solidified ceramic composites of LaB6-MeB2 (Me-Ti, Zr, Hf) at macro-, meso- and microstructure levels	I.M. Frantsevich Institute of Problems of Materials Science	\$60 000	\$60 000				\$60 000	\$ 60000	
P280	UA	Kyiv	Development of new high strength bulk structural aluminum alloys with nanocomposite structure	G.V. Kurdyumov Institute for Metal Physics	\$60 000	\$60 000				\$60 000	\$ 60000	
P283	UA	Kharkiv	First principles quantum mechanical calculations of defect energetics in beryllium	"Accelerator" Research and Development Complex at the National Science Center "Kharkiv Institute for Physics and Technology"	€ 14 994			€ 14 994			€ 14994	

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STCU Funding Table
24th Governing Board Meeting
31 May 2007

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P286	UA	Kyiv	High-temperature ceramic matrix composites with high corrosion resistance	I.M. Frantsevich Institute of Problems of Materials Science	\$60 000	\$60 000				\$60 000	\$ 60000	
P288	UA	Kyiv	Autoantibodies to nicotinic receptors in Alzheimer disease	O.V. Palladin Institute of Biochemistry	\$32 000				\$32 000	\$32 000	\$ 32000	
P290	UA	Sevastopol	European coastal-shelf sea operational observing and forecasting system (ECOOP)	Marine Hydrophysical Institute	€278 400			€278 400			€278400	
P291	UA	Kyiv	Evaluation of EB-PVD Process for the Fabrication of Low Cost SOFC Components (PNNL-T2-275)	E.O. Paton Electric Welding Institute International Center for Electron Beam Technologies (ICEBT)	\$679 000	\$679 000				\$679 000	\$ 679000	
P292	UA	Kyiv	Newly developed environmentally acceptable composites for protection of metals from corrosion	Institute of Surface Chemistry	\$237 623	\$237 623				\$237 623	\$ 237623	
P293	UZ	Tashkent	Development of Cottonseed with High Levels of (+)-Gossypol as a Feed for Nonruminant Animals	Uzbek Scientific Research Institute of Cotton Breeding and Seed Production	\$300 000	\$300 000				\$300 000	\$ 300000	
P296	UA	Kharkiv	Joints of articles made of polymer composites	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	\$42 400	\$42 400				\$42 400	\$ 42400	
P297	UA	Sevastopol	Southern European Seas: Assessing and Modelling Ecosystem change (MHI SESAME)	Marine Hydrophysical Institute	€150 000			€150 000			€150000	
P298	UA	Sevastopol	Southern European Seas: Assessing and Modeling Ecosystem changes, SESAME - IBSS	O.O. Kovalevsky Institute of Biology of Southern Seas	€83 000			€83 000			€83000	

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4. Same as 3

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See comments
6. Proj. Dev Grant awarded
7. N/A
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STCU Funding Table
 24th Governing Board Meeting
 31 May 2007

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P304	UA	Kharkiv	Organization of the manufacture of radiation detectors from CdTe (CdZnTe): Preliminary Market Research	National Science Center "Kharkiv Institute of Physics and Technology"	\$9 840				\$9 840	\$9 840	\$ 9840	
P305	UA	Kharkiv	Finishing technology and organization of manufacturing biosoluble in vivo stents made of UFG magnesium alloys	National Science Center "Kharkiv Institute of Physics and Technology"	\$206 660				\$206 660	\$206 660	\$ 206660	
P307	UA	Kharkiv	Polycrystalline scintillators for medical gamma cameras	Amcrys Ltd.	\$480 916	\$480 916				\$480 916	\$ 480916	
P309	UA	Kharkiv	High efficiency method of manufacturing curved plates for medical use gamma cameras	Amcrys Ltd.	\$265 028	\$265 028				\$265 028	\$ 265028	
P311	UA	Kharkiv	Production of multifunctional low-temperature plasma sterilizers with ultrasonic cavitations. Preliminary marketing search.	National Science Center "Kharkiv Institute of Physics and Technology"	\$9 840				\$9 840	\$9 840	\$ 9840	

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6. Proj. Dev Grant awarded
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STCU Funding Table
24th Governing Board Meeting
31 May 2007

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P313	UA	Kharkiv	Biomedical Probes and Labels	Institute for Single Crystals R&D Corporation	\$72,000	\$72,000				\$72,000	\$ 72000	
P314	UA	Kyiv	Development and fabrication of cutting tools of superhard materials for efficient machining of high strength titanium alloys	I.M. Frantsevich Institute of Problems of Materials Science	\$68,250	\$68,250				\$68,250	\$ 68250	
P315	UA	Kyiv	Development of tools for cutting Ti 5553 alloy	I.M. Frantsevich Institute of Problems of Materials Science	\$84,000	\$84,000				\$84,000	\$ 84000	
P319	UA	Kyiv	Chornobyl Research and Service Project (CRSP)	Research Center for Radiation Medicine	\$1,039,222	\$1,039,222				\$1,039,222	\$ 1039222	
P324	UA	Kyiv	Laser Biophysical Technology For Oncology and Virology	Biophysics-Ukraine, Ltd	\$183,026	\$183,026				\$183,026	\$ 183026	
Subtotal Partner Projects Approved:					\$ 5,922,570 € 526,394	\$4,758,597	\$198,891	€ 526,394	\$965,082	\$5,922,570	\$ 5922570 € 526394	
TOTAL:					\$ 64,656,391 € 526,394	\$5,330,725	\$802,521	€ 2,506,450	\$965,082	\$7,098,328	\$ 7098328 € 2506450	

Status 4 - Comments:


Mr. V. Alessi
USA
Board Member


Ms. A. Pollack
Canadian
Board Member


Mr. Y. Yatskiv
Ukrainian
Board Member


Mr Z. Stancić
EU Board Member
(for the European Commission)


Amb. W. Lerke
EU Board Member
(for the EU Presidency)

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2. Review Complete - No willingness to fund
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5. Approved for funding.
See comments
6. Proj. Dev Grant awarded
7. N/A