

STCU Funding Table
Governing Board Meeting
16 November 2006

| # | 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 |
|------|--------------|----------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|-------------|----------------|-----------------------|---------------|-----------------------|------------------------------|--------------------------|
| 3013 | GE | Tbilisi | New energy-saving methods, devices based on over-voltage pulse corona discharge for water, food | Research and Design Institute "Molniya" of Kharkiv State Polytechnical University | \$145 576 | | | | | | | US:2 Canada:2 EU:1 |
| 3039 | UA | Kyiv | Elaboration of the novel method of early cancer detection and development of the commercially | Gromashevsky Institute of Epidemiology and Infectious Diseases | \$120 868 | | | | | | | US:2 Canada:1 EU:1 |
| 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:1 EU:3 |
| 3097 | UA | Kharkiv | Insulation continuous monitoring and protection system for distribution networks of 6-20 kV | "YuzhVEC" Firm | \$170 000 | | | | | | | US:2 Canada:2 EU:3 |
| 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:3 |
| 3109 | UZ | Tashkent | Solar Distilling Plant with Active Thermodynamic Centour | Scientific Association "Physics-Sun" Physical-Technical Institute | \$194 048 | | | | | | | US:2 Canada:2 EU:3 |
| 3115 | UA | Kyiv | Technology development for production wear-resistant powder tool steels using specific treatment | I.M. Frantsevich Institute of Problems of Materials Science | \$124 970 | | | | | | | US:2 Canada:2 EU:3 |
| 3120 | UA | Kyiv | Nonlinear waves as a technical tool for studying and rearranging the | S.I. Subbotin Institute of Geophysics | \$193 762 | | | | | | | US:2 Canada:2 EU:3 |
| 3130 | UA | Kyiv | Increase in fatigue strength of thin-walled aluminium structure joints using high-efficient consumable electrode welding and | E.O. Paton Electric Welding Institute | \$258 000 | | | € 202 878 | | | € 202878 | US:2 Canada:2 EU:5 |
| 3131 | UA | Dnipropetrovsk | Nonmetallic composite coatings on lightweight metals resistant to man-made and natural | Ukrainian State Chemical and Technological University | \$165 655 | | | | | | | US:2 Canada:1 EU:3 |
| 3136 | UA | Kyiv | Development of a passive millimeter waves imaging system for detection of the weapon concealed under | State Research Center "Iceberg" | \$186 000 | | | | | | | US:2 Canada:2 EU:3 |
| 3160 | UA | Kharkiv | Design of plane scanning centimeter and millimeter-wave antennas for mobile communications | O.Ya. Usikov Institute of Radiophysics and Electronics | \$185 521 | | | | | | | US:2 Canada:2 EU:3 |
| 3162 | UA | Kyiv | Development of electroconductive textile materials and electrically heated systems based on conductive metallized and | I.M. Frantsevich Institute of Problems of Materials Science | \$148 469 | | | | | | | US:2 Canada:2 EU:3 |

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| 3163 | UA | Kyiv | Special purpose polymer composites from petroleum products, mineral raw materials, industrial or post-consumer waste from | Institute of Macromolecular Chemistry | \$260 000 | | | | | | | US:2 Canada:2 EU:3 |
| 3186 | UA | Paulograd | Development of high-strength corrosion-resistant composite materials with a hybrid polymeric matrix and technologies of their | "Tehprom" Society with the limited liability the Scientific production enterprise | \$280 808 | | | | | | | US:2 Canada:2 EU:3 |
| 3188 | UA | Kyiv | Modern methods of evaluation of the load-carrying capacity of refrigerator ship structures under complicated service | S.P. Timoshenko Institute of Mechanics | \$104 542 | | | | | | | US:2 Canada:2 EU:3 |
| 3189 | UA | Chernivtsy | Technology for thermal hardening of steel tools with the goal of increasing their | National Metallurgical Academy of Ukraine | \$180 200 | | | | | | | US:2 Canada:2 EU:1 |
| 3195 | UA | Kyiv | Development of two-contour heliosystem for hot water delivery based on highly effective solar collectors and | I.M. Frantsevich Institute of Problems of Materials Science | \$185 000 | | | | | | | US:2 Canada:2 EU:2 |
| 3204 | UZ | Tashkent | Magnetically and thermally modulated microwave absorption in YBCO films and irradiated twinned and | Institute of Applied Physics within Tashkent State University | \$119 850 | | | | | | | US:2 Canada:2 EU:4 |
| 3215 | UA | Dnipropetrovsk | Electro-Vacuum in Ladle Steel Treatment to the Energy Savings, Ecological Improvement and | M. Makarov Yuzhny Machine-Building Plant (Yuzhmash) Production | \$198 384 | | | | | | | US:2 Canada:2 EU:3 |
| 3221 | UA | Zaporizhia | Development of principles for alloying cold resistant | Zaporizhzhie National Technical University | \$109 990 | | | | | | | US:2 Canada:2 EU:2 |
| 3226 | UA | Kyiv | Development of the technology for production of semi-conducting silicon carbide substrates for | Special design and technological bureau of Institute of Physics | \$198 721 | | | | | | | US:2 Canada:2 EU:3 |
| 3230 | UA | Kyiv | Development of biological system for rapid application of pharmacological substances to the cells and | "Lileya" Small Scientific Production Enterprise | \$133 742 | | | | | | | US:2 Canada:2 EU:1 |
| 3234 | UA | Kyiv | Reasonable constructive techniques for suppression of oscillations in transport systems with movable liquid | S.P. Timoshenko Institute of Mechanics | \$125 000 | | | | | | | US:2 Canada:2 EU:2 |

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| 3243 | UA | Kyiv | Synthesis of Carbon Nanotubes on the Surface of Polycrystalline Silicon | I.M. Frantsevich Institute of Problems of Materials Science | \$88 600 | | | | | | | US:2 Canada:1 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:4 |
| 3250 | UA | Kyiv | Development of Methods of Long-term Damage and Residual Lifetime Analysis of Critical Components of | S.P. Timoshenko Institute of Mechanics | \$62 938 | | | | | | | US:2 Canada:2 EU:3 |
| 3263 | GE | Tbilisi | Individual Protective Sheets of Basalt-Titanium-Aluminum Ceramics by Hot | Institute of Mining | \$187 950 | | | | | | | US:2 Canada:2 EU:3 |
| 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:1 |
| 3279(R) | UA | Kharkiv | Tool environment of expertise and independent verification supporting of I&C software important to Methods and Devices | I&C System Certification Center. State Center for Regulation of Supplies and Service of Quality | \$110 291 | | | | | | | US:2 Canada:1 EU:2 |
| 3282 | UA | Lugansk | Development for Express Diagnosing of Low-Dose Ionizing Radiation Effects | Scientific Research and Engineering Design Institute "ISKRA" | \$115 952 | | | | | | | US:2 Canada:2 EU:3 |
| 3285 | GE | Tbilisi | A new experimental approach to the problem of insomnia | Georgian Sleep Research Institute | \$299 250 | | | | | | | US:2 Canada:2 EU:3 |
| 3286 | UA | Kyiv | Development of Scientific Approach and Technology for Growing High-Quality Optical-Grade Germanium Crystals for Infrared | V.E. Lashkaryov Institute of Semiconductor Physics | \$160 000 | | | | | | | US:2 Canada:2 EU:3 |
| 3288 | UA | Kyiv | Next Creep-Resistant Magnesium Alloys with Nanocluster-Forming Structure for Dynamic | I.M. Frantsevich Institute of Problems of Materials Science | \$356 524 | | | | | | | US:2 Canada:1 EU:1 |
| 3290 | UA | Kyiv | Substantiation of the ways to reduce the natural radionuclides transfer to the environment and human body in uranium mining. | Marzeev Institute of Hygiene and Medical Ecology | \$381 914 | | | | | | | US:2 Canada:2 EU:3 |
| 3290(R) | UA | Kyiv | Substantiation of the ways to reduce the natural radionuclides transfer to the environment and human body in uranium mining. | Marzeev Institute of Hygiene and Medical Ecology | \$241 400 | | | € 189 825 | | | € 189825 | US:2 Canada:1 EU:5 |
| 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 |

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| 3323 | UA | Sumy | Study of genesis of diamond occurrences in Ukraine and Uzbekistan and prognosis of | Institute of Applied Physics | \$202 804 | | | | | | | US:2 Canada:1 EU:2 |
| 3330 | UA | Lviv | Development of multi-dimensional pulsating information arrays for simulation of distributed | Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics | \$109 555 | | | | | | | US:2 Canada:1 EU:2 |
| 3331 | GE | Tbilisi | DEVELOPMENT OF NEW METHODS AND ALGORITHMS OF IDENTIFICATION OF CONTINUOUS-TIME DETERMINATE AND | A. Eliashvili Institute of Control Systems | \$140 702 | | | | | | | US:2 Canada:1 EU:1 |
| 3341 | UZ | Samarkand | Macroscopic modelling of solute transport in porous media | Complex Research Institute of Regional Problems (CRIRP) | \$165 000 | | | € 129 748 | | | € 129748 | US:2 Canada:1 EU:5 |
| 3342 | UA | Lviv | Technology and machine for safety of green forages from destruction by bacteria and | Collective scientific and industrial enterprise " Karpaty - Tformobyl " | \$179 066 | | | | | | | US:2 Canada:1 EU:2 |
| 3343 | UA | Lviv | The digital photoconverter | Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics | \$172 500 | | | | | | | US:2 Canada:1 EU:1 |
| 3345 | UA | Kharkiv | Structure stability of multilayer nanocrystalline materials Cr-ALN and Cr-V | National Science Center "Kharkiv Institute of Physics and Technology" | \$178 705 | | | | | | | US:2 Canada:2 EU:3 |
| 3346 | UA | Kharkiv | Experimental installation for study of thermal hydraulic processes in two-phase | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | \$150 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3348 | UA | Kyiv | The localization of unknown sites of fibrin polymerization for the creation of the new | O.V. Palladin Institute of Biochemistry | \$140 192 | | | | | | | US:2 Canada:2 EU:3 |
| 3349 | GE | Tbilisi | Multicomponent system of the speaker's identification by his speech phonogram, based on probabilistic | A. Eliashvili Institute of Control Systems | \$150 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3354 | UA | Kyiv | Development of new carbon nanocomposites based on exfoliated graphite for the selective adsorption of | Scientific Foundation of Scientists and Specialists of Molecular Cybernetics and Informatics | \$173 692 | | | | | | | US:2 Canada:2 EU:3 |
| 3364 | AZ | Baku | Research of transformation of pollution and management of water | Institute of Radiation Problems | \$286 890 | | | | | | | US:2 Canada:1 EU:1 |
| 3369 | UZ | Tashkent | Uncooled Infrared Radiation Detectors, Thermoelectric Converters and Pressure Sensors Based on the | Tashkent State Air Institute | \$170 000 | | | | | | | US:2 Canada:2 EU:1 |

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| 3372 | UA | Kharkiv | Development of new methods for active and passive control of vibrations in aerospace and transport | National Technical University "Kharkiv Polytechnical Institute" | \$84 000 | | | | | | | US:2 Canada:2 EU:3 |
| 3379 | UA | Kyiv | Development of Neutron Sources for Neutron Capture Therapy in Human Cancer Tissues | Institute for Nuclear Research | \$194 524 | | | | | | | US:2 Canada:2 EU:4 |
| 3381 | UA | Kyiv | Technological approaches elaboration for functional nanomaterials production based on hollow, threadlike boron and silicon carbide | I.M. Frantsevich Institute of Problems of Materials Science | \$199 184 | | | | | | | US:2 Canada:1 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:1 EU:1 |
| 3392 | UA | Kyiv | Interfacial interaction of transition-metal interconnect materials with Pb-free Sn-Bi-7.5-Sb-0.5 | I.M. Frantsevich Institute of Problems of Materials Science | \$125 710 | | | | | | | US:2 Canada:1 EU:1 |
| 3397 | AZ | Baku | Elaboration of magnetic devices with increased lifting capacity for accident elimination in oil pipelines | State Oil Academy of Azerbaijan | \$139 992 | | | € 110 089 | | | € 110089 | US:2 Canada:1 EU:5 |
| 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:1 EU:1 |
| 3427 | UA | Kharkiv | Detection of Explosive, Fissile and High-Z Materials Using High Energy Resonance Raman Spectroscopy | V.N. Karazin Kharkiv National University | \$275 750 | | | | | | | US:2 Canada:2 EU:4 |
| 3429 | UZ | Tashkent | Home solar desalter increased productivity | Institute of Power Engineering and Automation | \$149 116 | | | | | | | US:2 Canada:1 EU:1 |
| 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:1 EU:2 |
| 3446 | UA | Dnipropetrovsk | Copper-aluminum elements of current-carrying assemblies | M.K. Yangel "Pivdenne" State Design Office | \$170 380 | | | | | | | US:1 Canada:1 EU:2 |
| 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:1 EU:1 |
| 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:1 EU:2 |
| 3452 | UA | Kharkiv | Investigation of New Atmosphere Components and Their Influence on Radiation of Global | Institute of Radio Astronomy | \$112 000 | | | | | | | US:2 Canada:2 EU:2 |

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| 3461 | UA | Kyiv | Advanced composite hydrogen storage materials on the basis of nanoscale | I.M. Frantsevich Institute of Problems of Materials Science | \$175 360 | | | | | | | US:2 Canada:1 EU:2 |
| 3469 | AZ | Baku | Elaboration of monocrystalline and films technology, doped of solid | Baku State University | \$150 000 | | | | | | | US:1 Canada:2 EU:1 |
| 3475 | UA | Lviv | Geoinformation technology for distributed inventory of greenhouse gases and estimation of ecological | "Lvivska Polytechnica" National University | \$147 320 | | | | | | | US:2 Canada:1 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:1 EU:1 |
| 3479 | UA | Kyiv | Development of technology for soil regeneration on the basis of recycled resources | M.M. Gryshko National Botanical Garden | \$170 000 | | | € 133 679 | | | € 133679 | US:2 Canada:1 EU:5 |
| 3481 | UA | Kharkiv | Research and development of a new structural material for nuclear waste containers. | Institute of Solid-State Physics, Materials Science and Technologies of the National Science Center "Kharkiv Institute of Physics | \$196 463 | -\$98 232 | | € 77 245 | | | 77245 -98232 | US:5 Canada:1 EU:5 |
| 3502 | GE | Tbilisi | Oligodendrocytes' Differentiation during normal Development and in animal | Tbilisi State Medical University | \$93 541 | | | | | | | US:2 Canada:1 EU:1 |
| 3506 | UA | Kyiv | Extending capabilities and carrying out extensive experimental testing of | Institute for Nuclear Research | \$254 349 | | | | | | | US:2 Canada:1 EU:1 |
| 3509 | GE | Tbilisi | New Effective Antisublimation Coats of Inorganic Vitreous Enamel Type for GeTe- and PbTe- | I. Vekua Sukhumi Institute of Physics and Technology | \$159 666 | | | | | | | US:2 Canada:1 EU:1 |
| 3510 | UA | Kharkiv | Development of biotechnology of the cellular transplantats formation for intervertebral disk | M.I. Sitenko Insitute of Spine and Joints Pathology | \$129 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3516 | UA | Kyiv | DEVELOPMENT OF PLASMA-DETONATION TECHNOLOGY AND EQUIPMENT FOR LOCAL SURFACE TREATMENT | E.O. Paton Electric Welding Institute | \$174 051 | | | | | | | US:2 Canada:2 EU:1 |
| 3521 | UA | Kharkiv | Wide-band tunable microwave radiation in novel ferromagnetic | O.Ya. Usikov Institute of Radiophysics and Electronics | \$299 984 | | | | | | | US:2 Canada:1 EU:2 |

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| 3522 | UA | Kyiv | Novel Nanostructured Powdered Carbide and Silicide Composites for | I.M. Frantsevich Institute of Problems of Materials Science | \$190 878 | \$190 000 | | | | \$190 000 | \$ 190000 | US:5 Canada:1 EU:1 |
| 3523 | UZ | Tashkent | Dynamics and Phase Transition in Abrikosov Vortex Lattice of High Temperature | Institute of Material Sciences of Scientific-Production Association "Physics-Sun" | \$244 046 | | | | | | | US:2 Canada:1 EU:1 |
| 3525 | GE | Tbilisi | The issues concerning a computer-based simulation of both earth-fall - landslide over the slopes of mountain water-storage reservoirs | G.Chogovadze Georgian Research Institute of Power Engineering and Power Structures | \$187 590 | | | | | | | US:2 Canada:1 EU:2 |
| 3532 | UA | Kharkiv | Advancement of metal and alloy cathodes and their introduction into microwave | Institute of Radio Astronomy | \$156 502 | | | | | | | US:2 Canada:1 EU:1 |
| 3537 | GE | Tbilisi | Georgia - Complete Information and Useful Recommendations for | Tbilisi I. Javakhishvili State University | \$195 636 | | | | | | | US:2 Canada:1 EU:1 |
| 3541 | UZ | Tashkent | Magneto-optical and Infrared Investigations of Nanostructured Magnetic | Institute of Applied Physics within Tashkent State University | \$210 141 | | | | | | | US:2 Canada:1 EU:1 |
| 3546 | UA | Kyiv | Elaboration of Passive Systems for Heat Transport and Temperature Control for Use in Energy Saving | Scientific Research Institute of Applied Electronics of the National Technical University of Ukraine "Kyiv Polytechnical | \$80 800 | | | | | | | 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:1 EU:2 |
| 3552 | UA | Odessa | New nanotechnologies for stabilization vaccines, improvement of their efficiency during | Ukrainian I. I. Mechnikov Anti-Plague Research Institute | \$199 965 | | | | | | | US:2 Canada:1 EU:2 |
| 3556 | UA | Kyiv | The chemiluminescent gas analyzer of oxides of nitrogen (NO, NO2, NOx). | Ukrainian Scientific and Research Institute of Analytic Instrument Engineering "Ukranalit" JSC | \$175 870 | | | | | | | US:2 Canada:2 EU:2 |
| 3557 | UA | Kyiv | Effect of microgravity on the regulatory mechanisms of photosynthesis | Ukrainian Institute of Plant Physiology and Genetics | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3558 | UA | Kyiv | Fluorine-containing derivatives of phosphonic acid: Synthesis and application in bio- and | Institute for Bioorganic Chemistry and Petrochemistry | \$165 406 | | | | | | | US:2 Canada:1 EU:1 |
| 3561 | AZ | Baku | Development of Marine Thermal Probe | Institute of Physics | \$93 518 | | | | | | | US:2 Canada:2 EU:1 |
| 3566 | UA | Lviv | Monitoring of West Nile fever and other arboviral infections in Ukraine | Lviv Research Institute of Epidemiology and Hygiene | \$279 506 | | | | | | | US:2 Canada:1 EU:2 |

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| 3570 | UA | Dnipropetrovsk | Development of technological basis and equipments for air | Ukrainian State Chemical and Technological University | \$149 640 | | | | | | | US:2 Canada:1 EU:1 |
| 3571 | GE | Tbilisi | Usage Grape seed Extract "Antiox G" during treatment of radiation disease and | Tbilisi State Medical University | \$130 788 | | | | | | | US:2 Canada:1 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:1 EU:1 |
| 3578 | UA | Kyiv | Optimization of machine-building HSLA steel alloying system and technology | E.O. Paton Electric Welding Institute | \$99 875 | | | | | | | US:2 Canada:1 EU:2 |
| 3583 | UA | Kyiv | High resolution LCD for projection systems | V.E. Lashkaryov Institute of Semiconductor Physics | \$127 420 | | | | | | | US:1 Canada:1 EU:2 |
| 3584 | UA | Kyiv | Development of modern mathematical models, methods, and computer technologies for risk assessment of accidents at | V.M. Glushkov Institute of Cybernetics | \$179 984 | | | | | | | US:2 Canada:1 EU:2 |
| 3585 | UA | Kharkiv | Development of highly wear resistant WC material for high performance sand blast | Scientific and manufacturing enterprise | \$150 655 | | | | | | | US:2 Canada:1 EU:2 |
| 3587 | UA | Kyiv | Structure and mechanical properties of titanium alloys with combined boride and | I.M. Frantsevich Institute of Problems of Materials Science | \$160 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3588 | UA | Kharkiv | Development of production technology of fetal liver stem cell-based biological preparation for treatment of | Institute of Experimental and Clinical Veterinary Medicine | \$198 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3590 | UA | Kyiv | Radiobiological effects of 241Am incorporated in cells of organism and methods of prevention of the menace of combined toxicity of the | Institute of Cell Biology and Genetic Engineering | \$238 002 | | | | | | | US:2 Canada:1 EU:1 |
| 3593 | UA | Lviv | Development of New Wear-resistant Coatings on the devices of aeronautical engineering manufactured | Karpenko Institute of Physics and Mechanics | \$125 000 | | | | | | | US:2 Canada:2 EU:2 |
| 3600 | UA | Kharkiv | Time Reversal Acoustics implementation for the soft tissues viscoelastic | V.N. Karazin Kharkiv National University | \$159 932 | | | | | | | US:2 Canada:1 EU:1 |
| 3601 | GE | Tbilisi | Investigation and Development of the Device For Remote Destruction of Antipersonnel Mines and | Georgian Technical University | \$298 533 | | | | | | | US:2 Canada:1 EU:1 |

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| 3602 | UA | Chernivtsy | Physics and Technology of Space-Purpose Thermoelectric Cooling | Institute of Thermoelectricity under NAS and MES of Ukraine | \$150 000 | | | | | | | US:2 Canada:1 EU:3 |
| 3604 | GE | Tbilisi | Biological active substances for body premonitory states prevention caused by influence of UHF EMR in | Karsanov Republican Research Center of Medical Biophysics and Introduction of New Biomedical | \$268 196 | | | | | | | US:2 Canada:1 EU:1 |
| 3612 | UA | Kharkiv | Development of the high immunoficient peroral vaccines - from modified | Mechnikov Institute of Microbiology and Immunology | \$165 548 | | | | | | | US:2 Canada:1 EU:2 |
| 3618 | UA | Lviv | Evaluation of the lice-infestation and lice-born rickettsial diseases and to justify the control | Lviv Research Institute of Epidemiology and Hygiene | \$139 970 | | | | | | | US:2 Canada:1 EU:2 |
| 3620 | UA | Kharkiv | Computer-Aided System for Remote Detection of Short Circuits in Overhead Electrical Distribution | Kharkiv State Technical University of Radioelectronics | \$159 502 | | | | | | | US:2 Canada:1 EU:2 |
| 3621 | UA | Kharkiv | The development of installation for volumetric modelling of endoprosthesis operations on the | National Technical University "Kharkiv Polytechnical Institute" | \$275 000 | | | | | | | US:2 Canada:1 EU:1 |
| 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- | Institute of Physical Optics | \$201 118 | | | | | | | US:2 Canada:1 EU:1 |
| 3629 | UA | Kyiv | Verification of a Fracture Toughness Prediction Model Based on a Local Approach using Irradiated Reactor | G.S. Pisarenko Institute for Problems of Strength | \$228 305 | | | | | | | US:2 Canada:1 EU:1 |
| 3633 | UZ | Samarkand | Developing of methods of rabies cultivation virus in cell culture | Uzbekistan Veterinary Research Institute | \$243 528 | | | | | | | US:2 Canada:1 EU:1 |
| 3637 | UA | Lviv | Multyabsorber optimal design with emphasis on complete rotating machines | "Lvivska Polytechnica" National University | \$88 994 | | | | | | | US:2 Canada:1 EU:1 |
| 3647 | AZ | Baku | Research of physico-mechanical properties of sedimentary rocks and dynamics of their | Institute of Geology | \$242 679 | | | € 190 830 | | | € 190830 | US:2 Canada:1 EU:5 |
| 3648 | GE | Tbilisi | Portable monitoring system for operative diagnostics and efficient treatment of epiphitoty processes of | Georgian Technical University | \$159 500 | | | | | | | US:2 Canada:1 EU:1 |

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
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| 3651 | GE | Tbilisi | Investigation of statistical characteristics of scattered HF radiation and ULF electromagnetic wavy structures in the low | Georgian Technical University | \$295 319 | | | | | | | US:2 Canada:1 EU:1 |
| 3657 | GE | Tbilisi | "Connection to the international system of remote cooperation and training Ukraine -Caucasus, | Georgian Space Agency | \$99 907 | | | | | | | US:2 Canada:1 EU:2 |
| 3660 | UA | Kharkiv | Research of anisotropy medium influence on characteristics of small-size magneto-cumulative | V.N. Karazin Kharkiv National University | \$25 262 | | | | | | | US:2 Canada:1 EU:1 |
| 3661 | UA | Kharkiv | Extra-High-Frequency Magnetic Characteristics of Microwires with Negative | O.Ya. Usikov Institute of Radiophysics and Electronics | \$210 322 | | | | | | | US:2 Canada:1 EU:2 |
| 3662 | UA | Kyiv | Wear- and heat-resistant thermal spray nano-composite coatings for | E.O. Paton Electric Welding Institute | \$207 534 | | | | | | | US:2 Canada:1 EU:2 |
| 3665 | UA | Kyiv | Promising nanostructural materials for cryogenic electrical machines | V. N. Bakul Institute for Superhard Materials | \$277 293 | | | € 102 274 | | | € 102274 | US:2 Canada:1 EU:5 |
| 3666 | UA | Kharkiv | Development of a Holographic interference microscope for ecological, medical and biological | Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation | \$150 291 | | | | | | | US:2 Canada:1 EU:2 |
| 3668 | UA | Kharkiv | Investigation of optical properties of beryllium mirrors and mirrors fabricated from beryllium- | National Science Center "Kharkiv Institute of Physics and Technology" | \$80 002 | | \$80 002 | | | \$80 002 | \$ 80002 | US:2 Canada:5 EU:2 |
| 3669 | GE | Tbilisi | Bacteriophages as possible indicators, of water bacterial pollution and possible water | International Center for Environmental Research | \$323 895 | | | | | | | US:1 Canada:1 EU:2 |
| 3678 | GE | Tbilisi | Microflora of the slowly healable wounds and effective study of the | G. Eliava Institute of Bacteriophage, microbiology and virology | \$308 996 | | | | | | | US:2 Canada:1 EU:1 |
| 3681 | AZ | Baku | Research of Windpotential of Azerbaijan | Institute of Radiation Problems | \$175 973 | | | | | | | US:2 Canada:1 EU:2 |
| 3684 | UA | Kyiv | Radioactive aerosol airborne concentration and dispersal composition during the building-disassembly works in the radioactive | Ukrainian Institute of Agricultural Radiology | \$58 730 | | | | | | | US:2 Canada:1 EU:1 |
| 3690 | UA | Kyiv | High-strength alloy with high resistance to sulfide corrosion and sulfide stress | Physical and Technological Institute of Metals and Alloys | \$119 831 | | | | | | | US:2 Canada:1 EU:1 |

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See comments
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| 3691 | GE | Tbilisi | New environmentally friendly technologies for production of manganese, siliceous and chromium based alloys and | F. Tavadze Institute of Metallurgy and Material Sciences | \$199 792 | | | | | | | US:2 Canada:1 EU:1 |
| 3695 | UZ | Tashkent | "Development and mastering in manufacture of devices protective against overvoltages in electronic | "KVARK" Scientific-Production Complex | \$107 112 | | | | | | | US:2 Canada:1 EU:1 |
| 3696 | UA | Kyiv | Thermodynamical and structural fluid properties in the confined micro- and | Kyiv Taras Shevchenko University | \$152 288 | | | | | | | US:2 Canada:1 EU:2 |
| 3698 | GE | Tbilisi | Electro-Plasmic External Combustion Engine. | Institute of Mining | \$205 000 | | | | | | | US:2 Canada:1 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:1 EU:2 |
| 3701 | UA | Kharkiv | CVD diamond detectors of ionizing radiations | National Science Center "Kharkiv Institute of Physics and Technology" | \$170 805 | | | | | | | US:2 Canada:1 EU:4 |
| 3702 | UA | Dnipropetrovsk | Tunneling composite materials for radiation protective equipment | National Aerospace Educational Center of Ukrainian Youth | \$195 970 | | | | | | | US:1 Canada:1 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:1 EU:1 |
| 3705 | UA | Lviv | Intercalation nanoengineering of ecologically pure materials for the energy generation, | "Lvivska Polytechnica" National University | \$179 905 | | | | | | | US:2 Canada:1 EU:2 |
| 3706 | UA | Kyiv | Elaboration of refrigerating equipment and methods for hematopoietic progenitors storage for treatment of | Science and Engineering Company "Dnipro-MTO" | \$181 680 | | | | | | | US:2 Canada:1 EU:2 |
| 3708 | UA | Kyiv | New class of heterogeneous titanium alloys | E.O. Paton Electric Welding Institute | \$390 478 | | | | | | | US:2 Canada:1 EU:1 |
| 3714 | GE | Tbilisi | Measures against mudflows and slides based on geotechnical study in mountain regions of Eastern | Center of Engineering investigations specialists collaborations, projects examination & organization | \$197 790 | | | | | | | US:2 Canada:1 EU:1 |
| 3718 | UA | Kharkiv | Neutral and charged nanostructures in liquid and solid helium | B.I. Verkin Institute for Low Temperature Physics and Engineering | \$217 456 | | | | | | | US:2 Canada:1 EU:1 |
| 3719 | UA | Kharkiv | Researches of the diagnostic capacities of multi images head | Scientific Research Institute of Radioengineering Measurements" Open Joint Stock Company | \$160 000 | | | | | | | US:2 Canada:1 EU:2 |

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| 3721 | UA | Kyiv | Improving of corrosion resistance of aluminum alloyworkpieces by vacuum | Karpenko Institute of Physics and Mechanics | \$140 002 | | | | | | | US:2 Canada:1 EU:1 |
| 3723 | UA | Lviv | Bioanalytical technologies for monitoring of oncological patients' condition and prediction of its dynamics under influence of | State Scientific and Research Institute of Information Infrastructure | \$250 123 | | | | | | | US:2 Canada:1 EU:1 |
| 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:1 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 | \$230 009 | | | | | | | US:2 Canada:1 EU:1 |
| 3733 | UA | Kharkiv | The optimization of nuclear and radiation safety of SNF centralized storage at | National Science Center "Kharkiv Institute of Physics and Technology" | \$169 626 | | | | | | | US:2 Canada:1 EU:1 |
| 3737 | GE | Tbilisi | Perspective of uranium accompanying extraction from copper-barytic and auriferous ores of Madneuli | Agladze Institute of Inorganic Chemistry and Electrochemistry | \$171 800 | | | | | | | US:1 Canada:1 EU:2 |
| 3745 | UA | Lviv | Post-technological structural modification of chalcogenide vitreous semiconductors for multifunctional device | Scientific Research Center "Carat" | \$199 867 | | | | | | | US:1 Canada:1 EU:1 |
| 3748 | GE | Tbilisi | Research and Development of the Schemes and Technologies for the Enhancement of the | G. Tsulukidze Mining Institute | \$220 001 | | | | | | | US:2 Canada:1 EU:1 |
| 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:1 EU:2 |
| 3753 | UA | Kharkiv | Quasicrystals on the basis of transition metals: synthesis, structure, | National Science Center "Kharkiv Institute of Physics and Technology" | \$150 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3755 | UA | Rivne | Development and Study of Hydrodynamical Drilling Assemblies for Deep Large-Diameter Hole Drills in | "Plant of the New Technologies" | \$249 289 | | | | | | | US:2 Canada:1 EU:1 |
| 3756 | UA | Kharkiv | Detectors, aimed at diminution of consequences of terrorist acts on civilians with radioactive substance | Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation | \$145 000 | | | | | | | US:2 Canada:1 EU:1 |

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| 3758 | GE | Tbilisi | The development of effective Technologies of Diamond Crystals Synthesis with preset dimensions and | Georgian Technical University | \$187 650 | | | | | | | US:2 Canada:1 EU:1 |
| 3761 | UA | Dnipropetrovsk | Development of a Technique of Application of the Cavitation Hydrovibrator Offering Higher Rotary | Institute of Technical Mechanics under NAS and NSA of Ukraine | \$275 210 | | | | | | | US:1 Canada:1 EU:1 |
| 3764 | UA | Kyiv | Development of New Biologically-Active Polymer Materials of Multivectorial Effect for Human and | Institute of Macromolecular Chemistry | \$212 230 | | | | | | | US:2 Canada:1 EU:2 |
| 3765 | UA | Kharkiv | The development of new conception of a hypersonic airbreathing propulsion | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | \$125 180 | | | | | | | US:2 Canada:1 EU:1 |
| 3768 | GE | Tbilisi | Elaboration of a New Therapeutic-Preventive Composite For Use in | G. Eliava Institute of Bacteriophage, microbiology and virology | \$309 784 | | | | | | | US:2 Canada:1 EU:1 |
| 3771 | UA | Dnipropetrovsk | Automatic portable holographic complex and software for defectoscopy of multilayer panels in | M.K. Yangel "Pivdenne" State Design Office | \$189 000 | | | | | | | US:1 Canada:1 EU:2 |
| 3772 | UA | Kyiv | Laser Technology Development for Special | International Center "Institute of Applied Optics" | \$296 000 | | | | | | | US:8 Canada:1 EU:2 |
| 3773 | UA | Kyiv | ENHANCEMENT OF THE EFFICIENCY OF RECIPROCATING INTERNAL COMBUSTION ENGINES BY MEANS OF THERMOCHEMICAL | Institute of Engineering Thermophysics | \$172 033 | | | | | | | US:2 Canada:1 EU:2 |
| 3774 | UA | Kharkiv | Novel Biocompatible Coating on Medical Titanium Implants with Functions of | Institute for Single Crystals R&D Corporation | \$207 758 | | | | | | | US:1 Canada:1 EU:2 |
| 3780 | UA | Dnipropetrovsk | Complex Analysis of Off-Nominal and Emergency Situations of Space Launch Vehicles Designed by | M.K. Yangel "Pivdenne" State Design Office | \$201 977 | | | | | | | US:2 Canada:1 EU:2 |
| 3784 | GE | Tbilisi | New Metal-Ceramic Composite Materials with Nanocrystalline Components for Manufacturing of Hard, Wear-Resistant, Refractory, | F. Tavadze Institute of Metallurgy and Material Sciences | \$270 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3786 | UA | Kyiv | Nonlinear Dynamics of Intense Charged-Particle Beams in Transport | V.M. Glushkov Institute of Cybernetics | \$246 290 | | | | | | | US:2 Canada:1 EU:2 |

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| 3788 | UA | Lugansk | "Technology for growing homogeneous GaIn1-xSb single crystals" | East Ukrainian State University | \$150 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3792 | UA | Kyiv | Raising Sensitivity of XRF Analyzer to Determine Sulfur and Chlorine | Scientific and Technical Center "Plus Radio" | \$281 012 | | | | | | | US:2 Canada:1 EU:2 |
| 3793 | MD | Chisinau | Computer and experimental simulation of dynamics of large scale constructions of | Institute of Mathematics and Computer Science | \$145 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3795 | UA | Kharkiv | Improving Multiplexed Analysis Systems for Environmental Pollution Monitoring and Medical Diagnostics Using Novel | Institute for Single Crystals R&D Corporation | \$150 000 | | | | | | | US:1 Canada:1 EU:1 |
| 3796 | UA | Kyiv | Development of individual controls system and countermeasures on reduction of irradiation | Marzeev Institute of Hygiene and Medical Ecology | \$253 614 | | | | | | | US:2 Canada:1 EU:1 |
| 3797 | AZ | Baku | Suppression of mutagenic and oncogenic changes in animals through specific antibody-mediated inactivation of serotonin- | A.I.Karaev Institute of Physiology | \$159 996 | | | | | | | US:2 Canada:1 EU:1 |
| 3804 | UA | Kharkiv | Fluorescence Lifetime-based Probes and Labels for Biomedical Assays and | Institute for Single Crystals R&D Corporation | \$120 000 | \$60 000 | \$60 000 | | | \$120 000 | \$ 120000 | US:5 Canada:5 EU:2 |
| 3805 | AZ | Baku | Creation of radiation and hydrochemical monitoring system of Kura, Araks, | Institute of Geology | \$300 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3806 | UA | Dnipropetrovsk | Feed System for Launch Vehicle with Polyethylene Combustible Tank | Dnipropetrovsk National University | \$280 000 | | | | | | | US:1 Canada:1 EU:2 |
| 3809 | AZ | Baku | Elaboration of methods of drug addiction correction. | Republican Anti-Plague Station | \$94 101 | | | | | | | US:2 Canada:1 EU:1 |
| 3811 | UA | Kyiv | Radiation monitoring systems based on development of new devices | Scientific and Industrial Association "Detector" | \$279 957 | | | | | | | US:2 Canada:1 EU:2 |
| 3819 | AZ | Baku | Research and development of novel microelectronics gas sensor based on nanostructured porous- | Institute of Physics | \$147 000 | | | € 115 593 | | | € 115593 | US:2 Canada:1 EU:5 |
| 3821 | AZ | Baku | Epidemiological, microbiological and clinical study of Yersiniosis in | Republican Anti-Plague Station | \$149 947 | | | | | | | US:2 Canada:1 EU:2 |
| 3824 | UZ | Tashkent | Simulation of the nonlinear deformation process of structures from composite | Ulugbek National University of Uzbekistan | \$102 433 | | | | | | | US:2 Canada:1 EU:1 |

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| 3827 | UA | Kyiv | Improvement of the behaviour, qualification and efficiency of iodine filters under normal or accidental | State Scientific and Technical Center for Nuclear and Radiation Safety" State Interprise | \$132 019 | | | | | | | US:2 Canada:1 EU:2 |
| 3830 | AZ | Baku | Reproducible hydrocarbon sources in the sedimentary basins: methods of | Institute of Physics | \$210 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3833 | UA | Kharkiv | The electromagnetic phenomena in new semiconductor micro/nanostructures for millimeter/submillimeter | O.Ya. Usikov Institute of Radiophysics and Electronics | \$160 770 | | | | | | | US:2 Canada:1 EU:3 |
| 3838 | AZ | Baku | Development of high-performance varistors operating in the wide range | Institute of Physics | \$199 275 | | | | | | | US:2 Canada:1 EU:2 |
| 3844 | UA | Dnipropetrovsk | Modification of the properties of germanate family crystals by doping | Dnipropetrovsk National University | \$120 368 | | | | | | | US:2 Canada:1 EU:2 |
| 3845 | UA | Dnipropetrovsk | The universal nature of physical properties near ferroelectric phase | Dnipropetrovsk National University | \$53 048 | | | | | | | US:2 Canada:1 EU:2 |
| 3847 | UA | Kyiv | A Concept of Large-scale Superconducting Magnetic Energy Storage for Use in | Institute of Electrodynamics | \$144 310 | | | | | | | US:2 Canada:1 EU:1 |
| 3852 | UA | Lviv | The ecological role of the bryophyte layer in restoration of technogenic | Institute of Ecology of the Carpathians | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3854 | UA | Kyiv | Novel production technology of superhard nanocomposites from | V. N. Bakul Institute for Superhard Materials | \$183 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3858 | UA | Kyiv | The device based on nanostructured semiconductor sensor for toxics measurement in the | I.M. Frantsevich Institute of Problems of Materials Science | \$198 288 | | | | | | | US:2 Canada:1 EU:2 |
| 3859 | GE | Tbilisi | Development of Biogas Technology for Family Farms in Temperate Climate | F. Tavadze Institute of Metallurgy and Material Sciences | \$177 328 | | | | | | | US:2 Canada:1 EU:2 |
| 3864 | UA | Kyiv | Multifunctional magnetic nanomaterials for electrotechnics and | I.M. Frantsevich Institute of Problems of Materials Science | \$128 000 | \$64 000 | | € 50 327 | | \$64 000 | \$ 64000 € 50327 | US:5 Canada:1 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 | \$265 464 | | | | | | | US:2 Canada:1 EU:2 |

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| 3866 | GE | Tbilisi | Development of Technology for production Detonation Diamonds and Super-hard powders by Utilized | Research and Development Center "Delta" | \$115 950 | | | | | | | US:2 Canada:1 EU:2 |
| 3868 | GE | Tbilisi | Application of methods and means of electronics and automatics in systems of | Institute of Cybernetics of the Georgian Academy of Sciences | \$119 996 | | | € 94 359 | | | € 94359 | US:2 Canada:1 EU:5 |
| 3870 | UA | Kharkiv | Innovative millimeter wavelength dielectrometers for the determination of | O.Ya. Usikov Institute of Radiophysics and Electronics | \$155 784 | | | € 122 501 | | | € 122501 | US:2 Canada:1 EU:5 |
| 3874 | UA | Kyiv | Maldi mass-spectrometry of biomarkers for processes of differentiation of stromal | National Academy of Sciences of Ukraine | \$189 372 | | | | | | | US:2 Canada:1 EU:2 |
| 3877 | UA | Kyiv | Femtosecond studies of nanomaterials in Ukraine | Institute of Physics | \$100 494 | | | | | | | US:2 Canada:1 EU:1 |
| 3882 | UA | Lviv | Development of ultrasonic computerized tomograph for material characterization in product volume and residual | Karpenko Institute of Physics and Mechanics | \$120 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3884 | UA | Kharkiv | Spectral study of nano-electron systems with random imperfections: theory and modeling at | O.Ya. Usikov Institute of Radiophysics and Electronics | \$61 258 | | | | | | | US:2 Canada:1 EU:2 |
| 3891 | UA | Dnipropetrovsk | Automated Monitoring of Leak-Proofness of the Tanks with Explosive or Toxic Liquids during Long- | M.K. Yangel "Pivdenne" State Design Office | \$167 768 | | | | | | | US:1 Canada:1 EU:2 |
| 3892 | UA | Lviv | Metabolic engineering of alcoholic fermentation of plant residues in non- | Institute of biology of cell | \$128 500 | \$128 500 | | | | \$128 500 | \$ 128500 | US:5 Canada:1 EU:2 |
| 3895 | UA | Kyiv | Creation of new class of electrodes for fuel cells on basis of catalyst-containing | G.V. Kurdyumov Institute for Metal Physics | \$266 400 | | | | | | | US:2 Canada:1 EU:2 |
| 3902 | UA | Kharkiv | Plant for freezing and transportation of pharmaceutical and cosmetic used animal | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | \$140 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3903 | GE | Tbilisi | Development and investigation of the new hydraulic multistage rotary downhole engine for deep- | Georgian Technical University | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3907 | GE | Tbilisi | Development of Effective System to Protect People from Bacteriological | G. Eliava Institute of Bacteriophage, microbiology and virology | \$230 000 | | | | | | | US:1 Canada:1 EU:2 |

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| 3909 | UA | Kyiv | Information technology for solution of problems of trans-computational complexity | V.M. Glushkov Institute of Cybernetics | \$170 000 | | | | | | | US:2 Canada:1 EU:2 |
| 3912 | UA | Kyiv | "Development of biotechnical method for ammunition utilization and fabrication of munitions" | I.M. Frantsevich Institute of Problems of Materials Science | \$249 999 | | | | | | | US:2 Canada:1 EU:2 |
| 3917 | UA | Kharkiv | Development of Vaccine Against Classical Swine Fever for Porcine | Institute of Experimental and Clinical Veterinary Medicine | \$184 994 | | | | | | | US:1 Canada:1 EU:2 |
| 3918 | UA | Kharkiv | IMMUNO-BIOLOGICAL FEATURES OF NATIVE AND CRYOPRESERVED ADRENAL GLAND | Institute for Problems of Cryobiology and Cryomedicine | \$198 115 | | | | | | | US:2 Canada:1 EU:1 |
| 3920 | GE | Tbilisi | The utilization of environmentally hazardous wastes of Georgian mining enterprises located near the city of Tbilisi | The Association of Small Mining Enterprises of Georgia (ASMEGeo) | \$175 000 | | | | | | | US:1 Canada:1 EU:2 |
| 3925 | AZ | Baku | Development of conception of geodynamical model of the earth crust evolution | Institute of Geology | \$187 420 | | | | | | | US:2 Canada:1 EU:1 |
| 3930 | AZ | Baku | Potentiometric biosensors on the base of modified peroxidises with various substrates | Institute of Botany | \$157 000 | | | | | | | US:2 Canada:1 EU:2 |
| 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 materials | I.M. Frantsevich Institute of Problems of Materials Science | \$230 915 | | | | | | | US:1 Canada:1 EU:1 |
| 3937 | UA | Lviv | Theory of in-situ Insulator Coating concerning V/Li blanket | Karpenko Institute of Physics and Mechanics | \$100 004 | | | | | | | US:2 Canada:1 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:1 EU:2 |
| 3943 | AZ | Baku | Synthesis and investigation of physiological activity of arylsubstitutive 1,2-amino acids | Baku State University | \$110 834 | | | | | | | US:1 Canada:1 EU:1 |
| 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:1 Canada:1 EU:1 |
| 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:1 EU:1 |
| 3956 | UA | Kyiv | Development of Electron Beam PVD processes for Quasicrystal Formation in Aluminum-Zirconium-Aluminum | E.O. Paton Electric Welding Institute | \$172 480 | | | | | | | US:2 Canada:1 EU:1 |
| 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 |

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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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Governing Board Meeting
16 November 2006

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| 3963 | UA | Dnipropetrovsk | Utilization of Polymer Bodies of Solid-Propellant Rockets Using Ecologically Friendly | M.K. Yangel "Pivdenne" State Design Office | \$203 599 | \$203 599 | | | | \$203 599 | \$ 203599 | US:5 Canada:1 EU:1 |
| 3967 | UA | Kyiv | Design and investigation of advanced polymer-nanoparticle composite materials for photonics and | Kyiv Taras Shevchenko University | \$281 002 | | | | | | | US:2 Canada:1 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:1 EU:2 |
| 3973 | GE | Tbilisi | Durability of rails and wheels and the traffic safety | Georgian Technical University | \$193 556 | | | | | | | US:1 Canada:1 EU:2 |
| 3977 | UA | Kyiv | Comprehensive Experimental Study of Changes in the Properties of | Institute of Surface Chemistry | \$210 657 | | | | | | | US:2 Canada:1 EU:1 |
| 3978 | UA | Lviv | Processing of ammunition, equipped with the nitroamines based | Research and Design Center "Proton" | \$140 140 | | | | | | | US:2 Canada:1 EU:1 |
| 3979 | UA | Kharkiv | Studies of electromagnetic radiation mechanism in Roentgen and submillimeter region from electric | O.Ya. Usikov Institute of Radiophysics and Electronics | \$120 404 | | | | | | | US:2 Canada:1 EU:1 |
| 3981 | AZ | Baku | Research of semiconductors structures for development of detectors and dosimeters | Institute of Physics of the National Academy of Sciences of Azerbaijan | \$239 280 | | | | | | | US:2 Canada:1 EU:2 |
| 3982 | GE | Tbilisi | Development of novel ceramic and polymer composites based on | Georgian Technical University | \$180 000 | | | | | | | US:1 Canada:1 EU:2 |
| 3983 | UA | Kharkiv | Mitigation of irradiation-accelerated corrosion of structural steels in molten lead using advanced cover- | "Accelerator" Research and Development Complex at the National Science Center "Kharkiv Institute for Physics | \$332 999 | | | | | | | US:1 Canada:1 EU:1 |
| 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:1 Canada:1 EU:1 |
| 3987 | GE | Tbilisi | The Novel Bioconversion System for Energy and Single-Cell Protein Combined Production from | National High Technology Centre of Georgia | \$290 000 | | | | | | | US:2 Canada:1 EU:1 |
| 3988 | UA | Lviv | Radiation hard Hall Probes and devices for JET | "Lvivska Polytechnica" National University | \$210 000 | | | € 165 133 | | | € 165133 | US:2 Canada:1 EU:5 |

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| 3992 | GE | Tbilisi | Assessment of radon-hazard potential, residential exposure, lung cancer and COPD in West Georgia | Institute of Cybernetics | \$99 500 | | | € 78 242 | | | € 78242 | US:1 Canada:1 EU:5 |
| 3994 | UA | Simferopol | Immunosuppressive fibres of Yersinia pestis | Crimean State Medical University | \$160 392 | | | | | | | US:1 Canada:1 EU:1 |
| 4000 | AZ | Baku | Development of high-accuracy ozonometer for measurement of total ozone | Scientific Industrial Center "Ozone" | \$150 000 | | | | | | | US:2 Canada:1 EU:1 |
| 4004 | UA | Kyiv | Development of powder soft magnetic composite material with optimum domain structure for 3D/2D all-pressed structures of | I.M. Frantsevich Institute of Problems of Materials Science | \$175 000 | | | € 137 611 | | | € 137611 | US:2 Canada:1 EU:5 |
| 4006 | GE | Tbilisi | Development of New Electroslag Remelting Technology for Metallic Materials by Modification | F. Tavadze Institute of Metallurgy and Material Sciences | \$143 520 | | | | | | | US:1 Canada:1 EU:2 |
| 4007 | UA | Lviv | Technology for the production of anisotropic nanocrystalline samarium-cobalt alloys powders and | Karpenko Institute of Physics and Mechanics | \$260 000 | | | | | | | US:1 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:1 EU:1 |
| 4020 | UA | Kyiv | Compact devices of fuel systems of low-capacity automobile diesel engines with high-efficiency and | V.I. Vernadsky Institute of General and Inorganic Chemistry | \$218 000 | | | € 98 295 | | | € 98295 | US:2 Canada:1 EU:5 |
| 4027 | MD | Chisinau | NEW ENERGY SOURCES: MICROHIDROSTATION FOR CONVERSION OF RENEWABLE KINETIC ENERGY | Technical University of Moldova | \$156 800 | | | | | | | US:2 Canada:1 EU:1 |
| 4032 | MD | Chisinau | Power and efficiency of natural computing: neural-like P (membrane) systems | Institute of Mathematics and Computer Science | \$264 264 | | | | | | | US:1 Canada:1 EU:1 |
| 4034 | MD | Chisinau | Development of random lasers based on porous semiconductor compounds | Institute of Applied Physics | \$120 000 | | | € 94 362 | | | € 94362 | US:2 Canada:1 EU:5 |
| 4035 | MD | Chisinau | Informational tools for assistance of sonographic examinations | Institute of Mathematics and Computer Science | \$220 000 | | | € 172 997 | | | € 172997 | US:2 Canada:1 EU:5 |
| 4041 | MD | Chisinau | Elaboration of experimental samples of silicon PV modules by spray pyrolysis | Institute of Applied Physics | \$259 108 | | | | | | | US:1 Canada:1 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:1 EU:1 |

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| 4044 | AZ | Baku | Basic and applied aspects of the Mud Volcanoes Recent Dynamics, on | Institute of Geology of National Academy of Sciences of Azerbaijan Republic | \$149 522 | | | | | | | US:2 Canada:1 EU:2 |
| 4046 | UA | Uzhgorod | Functional As(Sb,Ge)-S(Se,Te) chalcogenide-based materials for | Institute of Electron Physics | \$233 832 | | | | | | | US:2 Canada:1 EU:2 |
| 4051 | GE | Tbilisi | Development of nanostructural coatings of Ti-Ni(Mo) composition based on Electrochemical SynthesisTechnology from | Agladze Institute of Inorganic Chemistry and Electrochemistry | \$49 888 | | | | | | | US:1 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:1 Canada:1 EU:2 |
| 4075 | UA | Kharkiv | NOVEL SCINTILLATORS BASED ON CRYSTALLINE AND NANODISPERSED COMPLEX OXIDES FOR | Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation | \$183 820 | | | | | | | US:1 Canada:1 EU:2 |
| 4076 | MD | Chisinau | Evaluation and selection of valorous genotypes of aromatic plants for creation the diseases-free | Institute of Genetics of the Academy of Sciences of Moldova | \$193 311 | | | | | | | US:1 Canada:1 EU:1 |
| 4081 | GE | Tbilisi | Development of Novel Fine Tunable Liquid Crystal Laser for Early Diagnostics of | Institute of Cybernetics | \$96 076 | | | | | | | US:1 Canada:1 EU:1 |
| 4086 | UA | Kyiv | Monitoring of hazardous microbial infections in Ukraine and development of | Ovcharenko Institute of Biocolloidal Chemistry | \$275 000 | | | | | | | US:2 Canada:1 EU:1 |
| 4094 | GE | Tbilisi | Development of computer-aided diagnostic systems increasing transportation | Georgian Technical University | \$143 230 | | | | | | | US:1 Canada:1 EU:2 |
| 4097 | MD | Chisinau | Algorithms and software implementation for solving optimization problems on | Institute of Mathematics and Computer Science | \$129 580 | | | | | | | US:1 Canada:1 EU:1 |
| 4098 | UA | Kharkiv | Dielectrometry of Biological Liquids on the Base of Whispering Gallery Mode | O.Ya. Usikov Institute of Radiophysics and Electronics | \$149 716 | | | | | | | US:1 Canada:1 EU:2 |
| 4103 | GE | Tbilisi | Research of Ecological Risk Factors of Manganese on Reproductive Health in | National Center for Disease Control of Georgia | \$365 182 | | | | | | | US:1 Canada:1 EU:2 |
| 4106 | UA | Kyiv | Creation of the AC complex relative conductivity solution standard | Institute of electrodinamics (IED NASU), Ukrainian National Academy of Science | \$125 648 | | | € 98 662 | | | € 98662 | US:2 Canada:1 EU:5 |
| 4110 | UA | Kyiv | Optimal management of ecological risk from multiple pollutants in terrestrial | Kyiv Taras Shevchenko University | \$250 136 | | | | | | | US:1 Canada:1 EU:2 |

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| 4112 | UA | Kyiv | Development and Optimization of Design of High-Temperature Tube Recuperative Heat Exchanger of Enhanced | Gas Institute | \$100 000 | | | | | | | US:2 Canada:1 EU:2 |
| 4113 | UA | Kyiv | A novel nanostructural diamond-based polycrystalline composite | V. N. Bakul Institute for Superhard Materials | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 4114 | UA | Kharkiv | A LASER BASED ON SEMICONDUCTOR QUANTUM BILLIARD: MODELING ON | O.Ya. Usikov Institute of Radiophysics and Electronics | \$66 396 | | | € 52 210 | | | € 52210 | US:2 Canada:1 EU:5 |
| 4118 | UA | Kyiv | Information technologies of decision intricate recognition problems on the basis of polynomial inductive | V.M. Glushkov Institute of Cybernetics | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 4121 | UA | Chernivtsy | Research and development of thermoelectric heat pumps for energy-saving | Institute of Thermoelectricity under NAS and MES of Ukraine | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 4122 | UA | Kyiv | Development of new principles of formation of electroluminescent nanostructures based on acoustic-stimulated ion- | V.E. Lashkaryov Institute of Semiconductor Physics | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |
| 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:1 EU:1 |
| 4130 | UA | Odessa | The parallel language and tools for a CAD and programming of digital | Southern scientific centre of a National Academy of sciences and Ministries of education and science of Ukraine | \$70 008 | | | | | | | US:2 Canada:1 EU:1 |
| 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:1 EU:1 |
| 4137 | UA | Kyiv | Development of the technology for preparation of the film heterogeneous nanostructures on the basis of materials with the high spin polarization of electrons | Institute of Magnetism under NAS and MES of Ukraine | \$100 000 | | | € 78 635 | | | € 78635 | US:2 Canada:1 EU:5 |
| 4138 | UA | Kyiv | Information Technology for Large-Scale Data Mining on the Basis of Efficient Discrete Decomposition | V.M. Glushkov Institute of Cybernetics | \$100 000 | | | € 78 635 | | | € 78635 | US:2 Canada:1 EU:5 |
| 4145 | UA | Lviv | Non-contact ultrasonic computerized tomography technology for constructions' material characterization for increasing of industrial | Karpenko Institute of Physics and Mechanics | \$100 000 | | | | | | | US:2 Canada:1 EU:1 |

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See comments
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| 4155 | UA | Kharkiv | Experimental study of high-power plasma interaction with materials under conditions of ... | National Science Center "Kharkiv Institute of Physics and Technology" | \$199 898 | | | € 157 260 | | | € 157260 | US:1 Canada:1 EU:5 |
| 4165 | UA | Kyiv | Microrobot for step application of the cells and tissue cultures | "Lileya" Small Scientific Production Enterprise | \$159 644 | | | | | | | US:1 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:1 EU:2 |
| Subtotal Regular Projects Approved: | | | | | \$48 798 789 | \$547 867 | \$140 002 | € 2 731 390 | \$0 | \$687 869 | \$ 687869 € 2731390 | |
| 4115 | UA | Kharkiv | Development of new scintillation detectors based on A2B6-nanostructures for antiterrorist and medical | National Science Center "Kharkiv Institute of Physics and Technology" | \$100 000 | \$31 600 | \$4 000 | € 11 266 | | \$35 600 | \$ 35600 € 11266 | US:5 Canada:5 EU:5 |
| 4119 | UA | Kharkiv | Nanotubes production by electronic irradiation of layered superconductors towards insight into charge-density-waves and vortex | B.I. Verkin Institute for Low Temperature Physics and Engineering | \$100 000 | \$38 000 | \$12 000 | | | \$50 000 | \$ 50000 | US:5 Canada:5 EU:1 |
| 4120 | UA | Kyiv | "New nano-materials for thin film solar cells based on complex chalcogenides" | V.I. Vernadsky Institute of General and Inorganic Chemistry | \$99 976 | \$30 347 | \$3 681 | € 12 487 | | \$34 028 | \$ 34028 € 12487 | US:5 Canada:5 EU:5 |
| 4123 | UA | Kyiv | Developing the new method of hydrogen accumulation under sunlight exposure | I.M. Frantsevich Institute of Problems of Materials Science | \$100 000 | \$50 000 | | | | \$50 000 | \$ 50000 | US:5 Canada:2 EU:1 |
| 4128 | UA | Kyiv | Nanochemistry: synthesis and physicochemical characteristics of polyfunctional magnetic nanocomposites and their application in biomedical | Institute of Environmental Geochemistry of the National Academy of Sciences of Ukraine | \$94 492 | \$6 440 | | € 31 925 | | \$6 440 | \$ 6440 € 31925 | US:5 Canada:2 EU:5 |
| 4129 | UA | Kyiv | Development of technology and prototypes of equipment for the electrochemical radiological decontamination | V.I. Vernadsky Institute of General and Inorganic Chemistry | \$100 000 | \$31 600 | \$4 000 | € 11 265 | | \$35 600 | \$ 35600 € 11265 | US:5 Canada:5 EU:5 |
| 4133 | UA | Kyiv | Development of Nanostructure Materials with High Emission Characteristics for ... | G.V. Kurdyumov Institute for Metal Physics | \$100 000 | \$31 600 | \$4 000 | € 11 266 | | \$35 600 | \$ 35600 € 11266 | US:5 Canada:5 EU:5 |
| 4134 | UA | Kyiv | The Ukrainian synchronous Network of Internet Telescopes (UNIT) | Main Astronomical Observatory of Kyiv Taras Shevchenko University | \$100 000 | \$6 815 | | € 33 786 | | \$6 815 | \$ 6815 € 33786 | US:5 Canada:2 EU:5 |
| 4135 | UA | Kharkiv | Nanostructural and Nanocomposite Materials for Cryogenic and Aerospace Applications | National Science Center "Kharkiv Institute of Physics and Technology" | \$99 987 | \$37 995 | \$11 998 | | | \$49 993 | \$ 49993 | US:5 Canada:5 EU:1 |

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| 4140 | UA | Lviv | Novel functional luminescent polymeric and hybrid nanoparticles and nanoassemblies with desired chemical and | Institute for Condensed Matter Physics | \$100 000 | \$50 000 | | | | \$50 000 | \$ 50000 | US:5 Canada:2 EU:1 |
| Subtotal Targeted R&D Init. Projects Approved: | | | | | \$994 455 | \$314 397 | \$39 679 | € 111 995 | \$0 | \$354 076 | \$ 354076 € 111995 | |
| P003h | UA | Kyiv | Scientific Protocol of the Study of Leukemia and Other Hematologic Disorders Among Clean-up Workers of Ukraine Following the Chernobyl | Research Center for Radiation Medicine (RCRM) | \$247 379 | \$247 379 | | | | \$247 379 | \$247 379 | |
| P034f | UA | Kyiv | Energetic ions in toroidal fusion devices | Institute for Nuclear Research | € 30 000 | | | € 30 000 | | | € 30000 | |
| P064d | UA | Dnipropetrovsk | Development of Advanced Grinding Technology for Biomass Materials | "Texmet" Scientific and Manufacturing Company | \$210 000 | \$210 000 | | | | \$210 000 | \$ 210000 | |
| P107c | UA | Kyiv | Welding and Brazing for Repair of Aircraft and Gas Turbine Engine Components and directionally solidified nickel- | E.O. Paton Electric Welding Institute | \$140 000 | \$140 000 | | | | \$140 000 | \$ 140000 | |
| P143a | UA | Kyiv | Cost-Effective Production of Powder Metallurgy Titanium Components for High- | Institute for Metal Physics | \$37 000 | \$37 000 | | | | \$37 000 | \$ 37000 | |
| P169a | UA | Kyiv | Management and Destruction of Obsolete Pesticides in Pilot Oblasts in Ukraine (Cherkassy) | National Agrarian University | \$105 000 | \$105 000 | | | | \$105 000 | \$ 105000 | |
| P192a | UA | Kharkiv | Creation of experimental sample of X-ray Digital mammograph MDS 02 | "Radioprom" Ltd | \$31 500 | | \$31 500 | | | \$31 500 | \$ 31500 | |
| P194a | UZ | Tashkent | Microbial Diversity for Novel Biotechnology Applications | Institute of Microbiology (Tashkent) (IMB) | \$105 000 | \$105 000 | | | | \$105 000 | \$ 105000 | |
| P196a | GE | Tbilisi | Microbial Diversity for Novel Biotechnology Applications | Durmishidze Institute of Biochemistry and Biotechnology (DIBB) | \$105 000 | \$105 000 | | | | \$105 000 | \$ 105000 | |
| P198b | UA | Kyiv | Flash-Butt Welding; Technical Proving and Commercialization | E.O. Paton Electric Welding Institute | \$495 000 | \$495 000 | | | | \$495 000 | \$ 495000 | |
| P207a | UA | Kyiv | Improvement of advanced high-resolution piezoelectric translation stages for optical and life science applications and manufacturing of pilot batch for marketing researches (Prolongation of the Project P207)" | "Lileya" Small Scientific Production Enterprise (LILEYA) | \$46 830 | \$46 830 | | | | \$46 830 | \$46 830 | |

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| P214 | UA | Kyiv | Development of plasma-detonation technology and equipment for local surface treatment of metal | E.O. Paton Electric Welding Institute | \$15 000 | | \$15 000 | | | \$15 000 | \$15 000 | |
| P243 | UA | Sevastopol | Development of a distributed profilometer of temperature and flow speed on the basis of special | Marine Hydrophysical Institute | -\$70 841 | | -\$70 841 | | | -\$70 841 | -70841 | |
| P249 | UA | Kyiv | "Advanced Long / Thin Forming and Welding Techniques for Ti Alloys" | E.O. Paton Electric Welding Institute | \$71 400 | \$71 400 | | | | \$71 400 | \$ 71400 | |
| P250 | UA | Kyiv | Development of Lightning Strike Protection System for Aircraft Components Made of Polymer Composite Materials With Use of the Woven Copper Meshes and | I.M. Frantsevich Institute of Problems of Materials Science | \$105 000 | \$105 000 | | | | \$105 000 | \$ 105000 | |
| P267 | UA | Sevastopol | SEADATANET - A Pan-European Infrastructure for Ocean and Marine Data Measurement | Marine Hydrophysical Institute | € 98 141 | | | € 98 141 | | | \$98 141 | |
| P268 | UA | Kyiv | Viroden Production for CSU subcontract to prime grant 316 from ENIH | Kyiv Taras Shevchenko University | \$20 000 | \$20 000 | | | | \$20 000 | \$ 20000 | |

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| P269 | UA | Kharkiv | Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean | National Aerospace University "Kharkiv Aviation Institute" | € 219,347 | | | € 219,347 | | | € 219,347 | |
| P270 | UA | Kyiv | Research of weldability for high-strength aluminium alloys designed for aircraft wing structures | E.O. Paton Electric Welding Institute | \$84,798 | | | | \$84,798 | \$84,798 | \$ 84798 | |
| P270a | UA | Kyiv | Research of weldability for high-strength aluminium alloys designed for aircraft wing structures | E.O. Paton Electric Welding Institute | \$30,000 | | | | \$30,000 | \$30,000 | \$30,000 | |
| P275 | UA | Kharkiv | Development of scintillators on the basis of organic molecular polycrystals for detection and spectrometry of fast neutrons on the background of gamma- | Cryos-Beta, LTD | \$150,000 | | | | \$150,000 | \$150,000 | \$ 150000 | |
| P277 | UA | Sevastopol | Development and Application of Diagnostic Tools for Identifying Causes of Environmental Impairments in the Estuarine | O.O. Kovalevsky Institute of Biology of Southern Seas | \$395,465 | \$395,465 | | | | \$395,465 | \$ 395465 | |
| P278 | UA | Kharkiv | Stand for Quasioptical Researches SQR - 11001 | O.Ya. Usikov Institute of Radiophysics and Electronics | € 28,000 | | | € 28,000 | | | € 28000 | |
| Subtotal Partner Projects Approved: | | | | | \$ 2,323,531 € 375,488 | \$2,083,074 | -\$24,341 | € 375,488 | \$264,798 | \$2,323,531 | \$ 2323531 € 375488 | |
| TOTAL: | | | | | \$ 52,116,775 € 375,488 | \$2,945,338 | \$155,340 | € 3,218,873 | \$264,798 | \$3,365,476 | \$ 3365476 € 3218873 | |

Status 4 - Comments:

Project 4020 - The priority is to use these funds for marketing activities in order to find a paying partner, as well as technical work on the crystals.

Mr. V. Alessi
 USA
 Board Member

Ms. A. Pollack
 Canadian
 Board Member

Mr. Y. Yatskiv
 Ukrainian
 Board Member

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

Mrs. L. Reimilá
 EU Board Member
 (for the EU Presidency)

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



SCIENCE & TECHNOLOGY
CENTER IN UKRAINE

STCU Supplemental Budget 23rd Governing Board Meeting 16 November, 2006

| # | Full Title | USA (US \$) | Canada (US \$) | European Union (EURO) | Other (US \$) | Total Funding (US \$) | Total Funding (US \$ + EURO) |
|-----------------------------------|--------------------------------------------------------------------------|--------------------|-------------------|-----------------------------|------------------|--------------------------|----------------------------------|
| Supplemental Budget: | | | | | | | |
| Activity: | | | | | | | |
| 01 | Technical, Collaborator, and Contractor Travel Support (Project Related) | \$50,000 | \$30,000 | €100,000 | - | \$80,000 | \$ 80000 € 100000 |
| 02 | Information Technology Support | - | - | - | - | - | - |
| 03 | Communications Support | - | - | - | - | - | \$ - € - |
| 04 | Business Training/Sustainability Support | \$98,402 | \$11,581 | €38,413 | - | \$109,983 | \$ 109983 € 38413 |
| 05 | Patent Support | \$30,144 | \$3,548 | €21,767 | - | \$33,692 | \$ 33692 € 21767 |
| 06 | Travel and Mobility Support | \$24,912 | \$160,291 | €99,725 | \$142,000 | \$327,203 | \$ 327203.23 € 99725 |
| 07 | Expert Contract (Program Related) | - | - | - | - | - | - |
| 08 | Expert Review and Advisors | - | - | €90,000 | - | - | \$ - € 90000 |
| 09 | Seminars/Workshops Support | \$62,280 | \$7,330 | €104,312 | - | \$69,610 | \$ 69610 € 104312 |
| 10 | Service Contracts | \$950,000 | \$350,000 | €356,084 | - | \$1,300,000 | \$ 1300000 € 356084 |
| 11 | Targeted R&D Initiatives | - | - | - | - | - | - |
| 12 | Targeted Training | \$36,745 | \$4,325 | €14,344 | - | \$41,070 | \$ 41070 € 14344 |
| Total Supplemental Budget: | | \$1,252,483 | \$567,075 | €824,645 | \$142,000 | \$1,961,558 | \$ 1961558.23 €824645 |

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Board Member

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(for the European Commission)

Mrs L. Reinilä
EU Board Member
(for the EU President)