



STCU Funding Table

28th Governing Board Meeting

4 June 2009

#	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
3913	AZ	Baku	INFLUENCE of MINERAL OIL, HEAVY METALS AND RADIATION ON BIODIVERSITY OF SPIDERS	Institute of Zoology	\$260 210			€ 187 644			€ 187644	US:2 Canada:2 EU:5
4072	UA	Dnipropetrovsk	Orbit docking device	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$158 376							US:2 Canada:2 EU:2
4200	UA	Kyiv	Development of Scientific Foundations for Creating Non-synchronous Space Tethered Elevator	S.P. Timoshenko Institute of Mechanics	\$184 801							US:2 Canada:2 EU:2
4246	UA	Dnipropetrovsk	Biotechnology and Equipment Providing Increasing the Capacity and Effectiveness of Rape	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$199 421							US:2 Canada:2 EU:2
4271	UA	Odessa	Improvement of the Sonar Detection Ability under Complex Acoustic Disturbance	"Diskret" Special Design Office of Odessa National Polytechnical University.	\$480 380							US:2 Canada:1 EU:2
4282	GE	Tbilisi	Development of effective ways to meet the energy crisis in high-mountainous regions of the Caucasus	F. Tavadze Institute of Metallurgy and Material Sciences	\$58 828							US:2 Canada:2 EU:2
4390	GE	Tbilisi	Design of electromagnetically compatible antenna systems	Georgian Technical University	\$260 393		\$130 197	€ 93 964		\$130 197	\$ 130197 € 93964	US:2 Canada:5 EU:5
4422	GE	Tbilisi	Development of autodetector of pathogenic bacteria based on spectral characteristics of infected environment	Georgian Technical University	\$264 000							US:2 Canada:2 EU:2
4485	UA	Dnipropetrovsk	The Autonomous Plant for Generating Electrical Energy from Biomass	M. Makarov Yuzhny Machine-Building Plant (Yuzhmash) Production	\$390 473							US:2 Canada:2 EU:2
4500	UA	Kharkiv	Development of processes for production of both Al ₂ O ₃ , ZrO ₂ , WC nanopowders and new composite materials from them having physical and	National Science Center "Kharkiv Institute of Physics and Technology"	\$260 000							US:2 Canada:2 EU:2
4501	UA	Kyiv	New Cr-and Ti-based bulk amorphous and nanocrystalline alloys	Frantsevich Institute for Problems of Materials Science National Academy of Sciences of Ukraine	\$121 315							US:2 Canada:2 EU:2
4539	UA	Dnipropetrovsk	DEVELOPMENT OF THIN FILM HYBRID SYSTEM BASED ON SOLID LITHIUM BATTERY AND SOLAR CELL MODULE	Ukrainian State Chemical and Technological University	\$170 000							US:2 Canada:2 EU:2

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4558	AZ	Baku	THE DEVELOPMENT OF METHODS OF THE RENEWAL OF THE ANTHROPOGENIC DEGRADED SOILS IN DRY	Institute of Soil Science and Agrochemistry of Azerbaijan National Academy of Sciences	\$161 025							US:2 Canada:2 EU:2
4571	UA	Kyiv	Research of the Ukrainian climate changes and analysis of ecological consequences of further global warming	"Kirovgeology" State Geological Enterprise	\$204 806							US:2 Canada:2 EU:2
4579	UA	Dnipropetrovsk	Obtaining of coatings from metal technetium by a thermolysis of vapours of its fluoride compounds	State Institution of Higher Education "Ukrainian State Chemical-Technological University"	\$114 544							US:2 Canada:2 EU:2
4585	MD	Chisinau	The practical use of radioactive waste for the process of radioactive-catalytic production of hydrogen from water and its use in fuel cells	Institute of Chemistry of ASM	\$495 240							US:2 Canada:2 EU:2
4595	GE	Tbilisi	Novel Concentrated Solar Energy Collector for Hot Water Systems	L.E.P.L. Institute OPTICA	\$27 512							US:2 Canada:2 EU:2
4615	UA	Kyiv	Extra-low-frequency fluctuations of atmospheric pressure on evaluation and correction of	Institute of Applied Problems of Physics and Biophysics	\$181 240							US:2 Canada:2 EU:2
4618	AZ	Baku	Impact of radio nuclides on soil, plants, invertebrate on Apsheron, polluted by oil, biological reclamation	Institute of Zoology, Azerbaijan National Academy of Sciences	\$240 345			€ 173 210			€ 173210	US:2 Canada:2 EU:5
4623	UA	Dnipropetrovsk	Technologies and Equipment for Seed Grain Presowing Ozone Treatment to Increase Crop Plant Emergence	"Elevator" Science and Production Enterprise	\$198 598							US:2 Canada:1 EU:2
4624	UA	Kharkiv	Computer monitoring technology for operational state and accidental risk of poison-fluid and petroleum leaks	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$170 348	\$150 000				\$150 000	\$ 150000	US:5 Canada:2 EU:2
4680	GE	Tbilisi	SOFTWARE MODULES ELABORATION FOR IDENTIFIER ESTIMATING PLANT'S DIFFERENTIAL MODEL PARAMETERS	I. Vekua Sukhumi Institute of Physics and Technology	\$159 960							US:2 Canada:1 EU:2
4688	UA	Kyiv	Genes participating in the development of brain tumors and their interaction with signaling pathways	Institute of Molecular Biology and Genetics	\$103 690		\$103 690			\$103 690	\$ 103690	US:2 Canada:5 EU:2
4698	GE	Tbilisi	Eco-biological Monitoring of Zhinvali Reservoir	Institute of Zoology	\$61 404							US:2 Canada:2 EU:2

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4709	UA	Kyiv	Products for medicine based on high-performance oxide ceramics	I.M. Frantsevich Institute of Problems of Materials Science	\$163 346							US:2 Canada:2 EU:2
4720	AZ	Baku	Estimation influence of technogenic electromagnetic fields in the territory of Azerbaijan	Institute of Radiation Problems	\$253 327							US:2 Canada:2 EU:2
4723	AZ	Baku	Biological pollution of zooplankton of azerbaijan sector of Caspian Sea (free-living invertebrate invaders)	Institute of Zoology	\$234 014							US:2 Canada:2 EU:2
4725	AZ	Baku	Obtaining radioprotective extracts and their components from some herbs of Azerbaijan flora	Institute of Radiation Problems	\$246 076							US:2 Canada:2 EU:2
4726	UA	Kharkiv	Safety-critical software independent verification and latent faults assessment based on diverse assessment of important	I&C System Certification Center. State Center for Regulation of Supplies and Service of Quality.	\$111 300			€ 80 110			€ 80110	US:2 Canada:2 EU:5
4730	GE	Kobuleti	Development of technology of production and application in agriculture of the novel anti-pathogenic preparations	Plant Immunity Institute	\$199 975							US:2 Canada:1 EU:2
4734	GE	Tbilisi	Development of cost-effective bioprocess technology for fuel ethanol production from herbaceous biomass	National High Technology Centre of Georgia	\$292 596							US:2 Canada:2 EU:2
4737	AZ	Baku	Integrated Flood and Dam-break Risk Analysis in Kura River Basin	AMIR Technical Services LTD	\$445 200							US:2 Canada:2 EU:2
4738	UA	Kharkiv	Control of Impurity and Fusion Product Transport in Tokamak Plasmas	V.N. Karazin Kharkiv National University	\$325 919							US:2 Canada:2 EU:2
4753	GE	Tbilisi	Development of software for calculation and design of novel means for reliability of hydraulic pipelines	G. Tsulukidze Mining Institute	\$113 902							US:2 Canada:1 EU:2
4754	MD	Chisinau	Development of the Magnetic Microwires for Smart Composite Materials	Technical University of Moldova	\$250 000							US:2 Canada:2 EU:2
4755	UA	Kyiv	Marketing strategy promotion in market R&D services materials and parts for work in extreme conditions	Physical and Technological Institute of Metals and Alloys	\$289 976							US:2 Canada:2 EU:2
4760	GE	Тбилиси	Data Base of Caucasian Natural Medicinal Means Based on the Ananalysis of Georgian Traditional Medicine	Tbilisi State Medical University	\$249 924							US:2 Canada:1 EU:2

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4765	GE	Tbilisi	Development of SHS-Technology for Production of Multifunctional, Including Nanostructured, Radiation-Resistant Materials	F. Tavadze Institute of Metallurgy and Material Sciences	\$198 451							US:2 Canada:2 EU:2
4766	UA	Kharkiv	Effects of low-level electromagnetic radiation on cell death and survival	V.N. Karazin Kharkiv National University	\$90 000							US:2 Canada:1 EU:2
4772	AZ	Baku	Impact of agronomic, biometeorological and environmental physical activity factors on efficacy of pesticides	Institute of Botany	\$238 100							US:2 Canada:1 EU:2
4782	UA	Kharkiv	Technologies of detection of low brightness Near Earth Objects within the framework of asteroid/comet hazards	Kharkiv State Technical University of Radioelectronics	\$399 973							US:2 Canada:2 EU:2
4783	UA	Kyiv	Research and Development of Cumulative-Detonation Sprayer for High Velocity Oxygen Fuel Technology	E.O. Paton Electric Welding Institute	\$91 822							US:2 Canada:2 EU:2
4786	AZ	Baku	Creation of Radiation Resistant Electronic Materials for High Level	Institute of Physics	\$280 343							US:2 Canada:1 EU:2
4816	UA	Kharkiv	Nano-Palladium on Spherical Silica as a Novel Renewable Catalyst for Microwave-Assisted Reactions	Institute for Single Crystals R&D Corporation	\$190 348							US:2 Canada:1 EU:2
4818	UA	Lviv	Development of in-situ calibration methodology and instrumentation for high sensitive magnetometers	Lviv Center of Institute of Space Research	\$219 547			€ 158 776			€ 158776	US:2 Canada:2 EU:5
4819	UA	Kyiv	New special methods for fast detection of micro-impurities of socially dangerous elements in environment	Institute for Sorption and Problems of Endoecology	\$229 891			€ 165 914			€ 165914	US:2 Canada:2 EU:5
4820	UA	Kharkiv	Material assessment for the next generation reactors	National Science Center "Kharkiv Institute of Physics and Technology"	\$99 752							US:2 Canada:2 EU:2
4827	UA	Dnipropetrovsk	Plant of Continuous Hydrogen Production from Synthesis Gas Produced of Low Grade Hard Coal	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$202 377	\$150 000				\$150 000	\$ 150000	US:5 Canada:2 EU:2
4841	UA	Kharkiv	SCW Convection for materials assessment for the next generation reactors	National Science Center "Kharkiv Institute of Physics and Technology"	\$299 871		\$299 871			\$299 871	\$ 299871	US:2 Canada:5 EU:2
4851	UA	Kharkiv	New oxide crystal scintillators for high energy physics and astrophysics experiments	Institute for Scintillation Materials of the Institute for Single Crystals R&D	\$291 864							US:2 Canada:2 EU:2
4853	GE	Tbilisi	Nonoscale Molecular Machines Modeling Software Creation	Tbilisi I. Javakhishvili State University	\$114 450							US:2 Canada:1 EU:2

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4896	UA	Kharkiv	Defect management for improvement of solar cells processing	National Science Center "Kharkiv Institute of Physics and Technology"	\$239 293							US:2 Canada:1 EU:2
Subtotal Regular Projects Approved:					\$11 288 546	\$300 000	\$533 758	€ 859 618	\$0	\$833 758	\$ 833758 €859618	
4950	UA	Kharkiv	Elaboration of biosensors based on carbon nanotubes network field-effect	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$99 741	\$24 935	\$24 936			\$49 871	\$ 49871	US:5 Canada:5 EU:2
4951	UA	Mykolaiv	High-Energy Electric Discharge Synthesis and Properties of Multifunctional Carbon Nanomaterials	Institute of Pulse Research and Engineering	\$99 968		\$24 992	€ 18 037		\$24 992	\$ 24992 € 18037	US:2 Canada:5 EU:5
4952	UA	Kyiv	Femtooptics of noble metal nanoparticles of different shape and size	Institute of Physics	\$100 000							US:2 Canada:2 EU:2
4953	UA	Lviv	Nanosized systems for delivering anticancer substances based on novel luminescent and X-ray detectable indicators	Institute of Cell Biology	\$100 000		\$25 000	€ 18 043		\$25 000	\$ 25000 € 18043	US:2 Canada:5 EU:5
4954	UA	Kyiv	Development of principles for welding nanostructured nickel alloys by using structural transformations in	E.O. Paton Electric Welding Institute	\$100 000		\$25 000	€ 18 043		\$25 000	\$ 25000 € 18043	US:2 Canada:5 EU:5
4955	UA	Kharkiv	Composite calixaren-based sorbents for determination of trace radionuclides in environment	Institute for Single Crystals R&D Corporation	\$98 000	\$24 500		€ 17 682		\$24 500	\$ 24500 € 17682	US:5 Canada:2 EU:5
4956	UA	Kyiv	Novel nonlinear-optical heterogeneous materials based on dielectric matrix with incorporated metaloxides nanocrystals for	Institute of Physics	\$99 000		\$49 500			\$49 500	\$ 49500	US:2 Canada:5 EU:2
4957	UA	Kharkiv	Hydrogen storage in irradiated carbon nanotubes for transport and stationary supply systems	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$99 990		\$49 995			\$49 995	\$ 49995	US:2 Canada:5 EU:2
4958	UA	Kyiv	Development of the system for glial tumour growth inhibition on the basis of Polycefin	Institute of Molecular Biology and Genetics	\$99 907							US:2 Canada:2 EU:2
4959	UA	Kharkiv	Design of thermodynamic processes of steam-turbine cycles to make highly effective generating equipment for stable power	A.N. Podgorny Institute for Problems of Mechanical Engineering	\$100 000							US:2 Canada:2 EU:2

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4960	UA	Kharkiv	DEVELOPMENT OF A SEWAGE SLUDGE UTILIZATION TECHNOLOGY WITH PRODUCING HYDROGEN	National Science Center "Kharkiv Institute of Physics and Technology"	\$100 000	\$25 000	\$25 000			\$50 000	\$ 50000	US:5 Canada:5 EU:2
4961	UA	Kharkiv	Hydrocavitational transformer development for artificial composite fuels (including biofuels) ultradispersed spray and homogenization for	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$99 992	\$49 996				\$49 996	\$ 49996	US:5 Canada:2 EU:2
4962	UA	Kharkiv	Radiation-induced recovery of materials and its effect on the nuclear plant life	National Science Center "Kharkiv Institute of Physics and Technology"	\$100 008			€ 36 088			€ 36088	US:2 Canada:2 EU:5
4963	UA	Kharkiv	Development of on-Board Ozonizer for the Energy Intensity Increase of an Internal Combustion Engine	National Scientific Center "Kharkov Physics and Technical Institute"	\$95 925							US:2 Canada:2 EU:2
4964	UA	Kyiv	Development of modern information technologies for maintenance and predicting of catastrophic situations in highly technological energy	V.M. Glushkov Institute of Cybernetics	\$100 000							US:2 Canada:2 EU:2
4965	UA	Kyiv	NATIONAL ASTRONOMICAL VIRTUAL OBSERVATORY ON THE BASIS OF RECENT INFORMATION	Main Astronomical Observatory of Kyiv Taras Shevchenko University	\$100 000							US:2 Canada:2 EU:2
4967	UA	Lviv	Geoinformation support for ecosystems monitoring and management within the Polissia protected area	Karpenko Physico-Mechanical Institute	\$100 000							US:2 Canada:2 EU:2
4968	UA	Kyiv	Influence nanostructure materials on □ function tumor cells in vitro.	Department biotechnical problems of diagnostic □□ Institute criobiology and criomedicine	\$90 259							US:2 Canada:2 EU:2
4970	UA	Kyiv	Development of Biosensor Method for BCR-ABL-positive Leukemia Detection	Institute of Molecular Biology and Genetics	\$100 000							US:2 Canada:2 EU:2
4971	UA	Kyiv	Determination of aberrant DNA methylation from blood serum for molecular screening of colorectal	Institute of Molecular Biology and Genetics	\$100 000							US:2 Canada:2 EU:2
4972	UA	Kharkiv	Development of tissue-engineered vascular tissue based on endothelial progenitor cells and acellular	Institute for Problems of Cryobiology and Cryomedicine	\$100 010							US:2 Canada:2 EU:2

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4973	UA	Kyiv	Development of the technologies of production and application of ecologically safe antiviral	Zabolotny Institute of Microbiology and Virology of National Academy of Science of Ukraine	\$97 979			€ 35 356			€ 35356	US:2 Canada:2 EU:5
4974	UA	Kharkiv	Development of protocols for cell culturing using nanocomposite coatings for regulation of cell self-maintenance, differentiation	Institute for Problems of Cryobiology and Cryomedicine	\$100 000	\$25 000		€ 18 043		\$25 000	\$ 25000 € 18043	US:5 Canada:2 EU:5
4992	GE	Tbilisi	Increase of Efficiency of Solar Concentrated Energy Photoelectric Transforming Module	Georgian Technical University	\$52 000							US:2 Canada:2 EU:2
4993	GE	Tbilisi	Role of blood rheology and free radicals in local hyperthermia-induced morphological changes in the	I. Beritashvili Institute of Physiology	\$69 982	\$17 496		€ 12 627		\$17 496	\$ 17496 € 12627	US:5 Canada:2 EU:5
4994	GE	Tbilisi	Epileptogenesis prevention: DNA microarray, microRNA and epigenetic studies	Chavchavadze State University	\$69 976							US:2 Canada:2 EU:2
4995	GE	Tbilisi	Manganese Ecotoxicological Impact on the Health Status of Children	National Center for Disease Control & Public Health	\$67 300	\$33 650				\$33 650	\$ 33650	US:5 Canada:2 EU:2
4996	GE	Tbilisi	Fabrication of Si-Ge-Nanostructure Alloys by Explosive-Compaction-Technology and Development of Energy-Efficient Thermoelectric	G. Tsulukidze Mining Institute	\$70 000		\$35 000			\$35 000	\$ 35000	US:2 Canada:5 EU:2
4997	GE	Tbilisi	CADASTRE OF BIOMASS ENERGY POTENTIAL FOR GEORGIA	Georgian Technical University	\$67 461							US:2 Canada:2 EU:2
4998	GE	Tbilisi	Elaboration and perfection of new technology of methane charge of machine of internal combustion engines	JPPL "Rafael Dvali Institute of machine mechanics "	\$69 932							US:2 Canada:2 EU:2
4999	GE	Tbilisi	Concentrated solar energy/self-propagating high-temperature synthesis - new approach for increase of technological energy	F. Tavadze Institute of Metallurgy and Material Sciences	\$69 902			€ 25 224			€ 25224	US:2 Canada:2 EU:5
5000	GE	Tbilisi	Treatment of Wastewater from Biorefractory Organic Pollutants by means of Advanced Oxidation Processes (AOPs)	R. Agladze Institute of Inorganic Chemistry & Electrochemistry	\$69 988							US:2 Canada:2 EU:2
5001	GE	Tbilisi	Biopreparation against tomato bacterial spot	Durmishidze Institute of Biochemistry and Biotechnology	\$70 000	\$17 500	\$17 500			\$35 000	\$ 35000	US:5 Canada:5 EU:2

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5002	GE	Tbilisi	Biosynthesis and characterization of silver and gold nanoparticles	Chavchavadze State University	\$69 980	\$34 990				\$34 990	\$ 34990	US:5 Canada:2 EU:2
5003	GE	Tbilisi	Elaboration of Mathematical Software of Optimal Control of Energy Systems	Niko Muskhelishvili Institute of Computational Mathematics	\$56 976							US:2 Canada:2 EU:2
5004	GE	Tbilisi	Increasing Energy efficiency of rail transport	Institute of Machine Mechanics	\$70 000							US:2 Canada:2 EU:2
5005	GE	Tbilisi	Elaboration and Use of Low-Cost Complex Biotechnological Cleaning Method for Explosives, Heavy Metals Pollution	Petre Melikishvili Institute of Physical and Organic Chemistry	\$69 988							US:2 Canada:2 EU:2
5007	GE	Tbilisi	The role of wakefulness in formation of need for sleep phases	Chavchavadze State University	\$70 000							US:2 Canada:2 EU:2
5008	GE	Tbilisi	New animal model of depression: evaluation of possible supremacy of muscarinic cholinergic	I. Beritashvili Institute of Physiology	\$70 000		\$17 500	€ 12 630		\$17 500	\$ 17500 € 12630	US:2 Canada:5 EU:5
5009	GE	Tbilisi	Intensification of processes realized in the pump using low-potential heat and development of advanced	Georgian Technical University	\$69 612							US:2 Canada:2 EU:2
5010	GE	Tbilisi	Development of Technologies of sulphuretted hydrogen excretion from Black Sea, its usage in power engineering and sulfur	Georgia Union for study of problems of chemical ecology "Monitoring"	\$69 690							US:2 Canada:2 EU:2
5011	GE	Tbilisi	Development of innovative, low cost biotechnologies of mycopesticide production on the basis of Beauveria	L. Kanchaveli Research Institute of Plant Protection	\$70 000	\$11 667	\$11 667	€ 8 420		\$23 334	\$ 23334 € 8420	US:5 Canada:5 EU:5
5012	GE	Tbilisi	Study of the antioxidant system status and blood metalloproteinases cross influence at acute ischemic	E. Andronikashvili Institute of Physics	\$69 304	\$17 326	\$17 326			\$34 652	\$ 34652	US:5 Canada:5 EU:2
5013	GE	Tbilisi	ENERGY EFFECTIVE DEVICES FOR COAL	Georgian Technical University	\$69 130							US:2 Canada:2 EU:2
5015	GE	Tbilisi	Application of fuzzy logic with operators in the knowledge based systems	Tbilisi I. Javakhishvili State University	\$69 974			€ 25 260			€ 25260	US:2 Canada:2 EU:5

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5016	GE	Tbilisi	The first step to creation of real time geotechnical telemetric monitoring system of large dams: the case of the Enguri dam International	M. Nodia Institute of Geophysics	\$70 000			€ 25 260			€ 25260	US:2 Canada:2 EU:5
Subtotal Targeted R&D Init. Projects Approved:					\$3 851 974	\$282 060	\$323 416	€ 270 713	\$0	\$605 476	\$ 605476 €270713	
4872	UA	Kharkiv	Development of ISP programm in Usikov Institute of Radiophysics and Electronics of NAS of Ukraine	O.Ya. Usikov Institute of Radiophysics and Electronics	\$398 964	\$199 482	\$199 482			\$398 964	\$ 398964	US:2 Canada:5 EU:2
4873	UA	Kyiv	"Approach and institute infrastructure, providing effective transfer of technologies into Ukrainian	V.E. Lashkaryov Institute of Semiconductor Physics	\$399 826							US:2 Canada:2 EU:2
4874	UA	Kyiv	ROSE (Route Of Sustainable Evolution)	Institute of Physics	\$392 400	\$200 000				\$200 000	\$ 200000	US:5 Canada:2 EU:2
4876	UA	Dnipropetrovsk	Achieving sustainability of the institute: strategy for growth and development	Institute of Technical Mechanics under NAS and NSA of Ukraine	\$400 000	\$200 000	\$200 000			\$400 000	\$ 400000	US:2 Canada:5 EU:2
4877	UA	Kyiv	Model of Innovative and and Self-sustaining Development of Material Science Institute in Ukraine	I.M. Frantsevich Institute of Problems of Materials Science	\$399 552							US:2 Canada:2 EU:2
4878	UA	Kyiv	Palladin Institute of Biochemistry Sustainability Program	O.V. Palladin Institute of Biochemistry	\$394 082							US:2 Canada:2 EU:2
Subtotal Institute Sustainability Program Projects Approved:					\$2 384 824	\$599 482	\$399 482	€ 0	\$0	\$998 964	\$ 998964 0	

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P004I	UA	Kyiv	Study of thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl accident	Institute of Endocrinology and Metabolism	\$25 179	\$25 179				\$25 179	\$ 25179	US: Canada: EU:
P004J	UA	Kyiv	Study of thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl accident	Institute of Endocrinology and Metabolism	\$201 910	\$201 910				\$201 910	\$ 201910	US: Canada: EU:
P115B	UZ	Tashkent	Characterization of Phytoalexins from the Malvaceae In Uzbekistan	A.S.Sadikov Institute of Bioorganic Chemistry	\$2 608	\$2 608				\$2 608	\$ 2608	US: Canada: EU:
P170a	UA	Kyiv	Experimental platform in Chernobyl. Stage II (Epic-2)	Institute of Geological Sciences	€ 170 474			€ 170 474			€ 170474	US: Canada: EU:
P207a	UA	Kyiv	Improvement of advanced high-resolution piezoelectric translation stages for optical and life science applications and manufacturing of pilot batch for marketing	"Lileya" Small Scientific Production Enterprise	\$84 000	\$84 000				\$84 000	\$ 84000	US: Canada: EU:
P228a	UA	Kharkiv	Medical isotope photonuclear production experiments	National Science Center "Kharkiv Institute of Physics and Technology"	\$98 000	\$98 000				\$98 000	\$ 98000	US: Canada: EU:
P233b	UA	Kharkiv	Neutron Source Based on Accelerator and Sub-Critical Assembly with Reduced Enrichment Fuel	National Science Center "Kharkiv Institute of Physics and Technology"	\$18 000	\$18 000				\$18 000	\$ 18000	US: Canada: EU:
P233c	UA	Kharkiv	Neutron Source Based on Accelerator Driven Sub-Critical Assembly with Reduced Enrichment Fuel	National Science Center "Kharkiv Institute of Physics and Technology"	\$15 000	\$15 000				\$15 000	\$ 15000	US: Canada: EU:
P236	UA	Kyiv	Elaboration of a pulse microwave bridge for a Q-band Electron Spin-Echo Spectrometer	V.E. Lashkaryov Institute of Semiconductor Physics	€ 270			€ 270			€ 270	US: Canada: EU:
P269	UA	Kharkiv	Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	€ 21 400			€ 21 400			€ 21400	US: Canada: EU:
P292	UA	Kyiv	Newly developed environmentally acceptable materials for corrosion protection of metals	Institute of Surface Chemistry	\$40 088	\$40 088				\$40 088	\$ 40088	US: Canada: EU:
P333	UA	Kharkiv	Alternative Methods for Producing Medical Isotopes (PNNL-T2-282-UA)	"Accelerator" Research and Development Complex at the National Science Center "Kharkiv Institute for Physics and Technology"	\$545 000	\$545 000				\$545 000	\$ 545000	US: Canada: EU:

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

28th Governing Board Meeting

4 June 2009

#	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
P334	UA	Kharkiv	Creation of the Commercialisation Unit of the Scientific & Technological Products of the NSC KIPT	National Science Center "Kharkiv Institute of Physics and Technology"	\$21 793				\$21 793	\$21 793	\$ 21793	US: Canada: EU:
P340	UA	Lviv	Effect of chromate and chromate-free organic coatings on corrosion fatigue of an aluminium alloy	Karpenko Physico-Mechanical Institute	\$60 000	\$60 000				\$60 000	\$ 60000	US: Canada: EU:
P354	UA	Kyiv	Plasma reforming of liquid hydrocarbon fuels in non-thermal plasma liquid	Kyiv Taras Shevchenko University	\$20 000	\$20 000				\$20 000	\$ 20000	US: Canada: EU:
P357	UA	Kyiv	Research of dynamic recurrent neural networks in application for adaptive control of complicated dynamical systems	Institute of Mathematical Machines and Systems	\$20 000	\$20 000				\$20 000	\$ 20000	US: Canada: EU:
P363	UA	Kyiv	Mapping Especially Dangerous Infectious Diseases in Ukraine	Central Sanitary-Epidemiologic Station	\$100 000	\$100 000				\$100 000	\$ 100000	US: Canada: EU:
P367	UA	Kyiv	Total Internal Reflection Ultrasonic Sensor for detection of subsurface flaws: proof of concept	Kyiv Taras Shevchenko University	\$20 000	\$20 000				\$20 000	\$ 20000	US: Canada: EU:
P374	UA	Kharkiv	Organisation of the manufacture of CdTe (CdZnTe) detecting modules for X and gamma radiation	National Science Center "Kharkiv Institute of Physics and Technology"	\$318 527				\$318 527	\$318 527	\$ 318527	US: Canada: EU:
P381	UA	Kharkiv	Production of multifunctional low-temperature plasma sterilizers with ultrasonic cavitations	National Science Center "Kharkiv Institute of Physics and Technology"	\$200 710				\$200 710	\$200 710	\$ 200710	US: Canada: EU:
P382	UA	Kharkiv	Investigation Of Cellular&Molecular Mechanisms Of Mucosal Innate Immunity And New Control Strategies Development To Avian-	Institute of Experimental and Clinical Veterinary Medicine	\$300 000	\$300 000				\$300 000	\$ 300000	US: Canada: EU:
P384	UA	Kharkiv	High Quantum Efficiency Organic Luminophores	Institute for Single Crystals R&D Corporation	\$313 000	\$313 000				\$313 000	\$ 313000	US: Canada: EU:

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
8. Review complete - to be considered at next GBM



STCU Funding Table

28th Governing Board Meeting

4 June 2009

#	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
P385	UA	Kharkiv	Production of the items from precious metals. Market Research and Business planning	National Science Center "Kharkiv Institute of Physics and Technology"	\$ 7 717				\$ 7 717	\$ 7 717	\$ 7 717	US: Canada: EU:
P386	UA	Kharkiv	Pneumoimpulsive Cleaning. Market Research and Business planning	National Science Center "Kharkiv Institute of Physics and Technology"	\$ 7 717				\$ 7 717	\$ 7 717	\$ 7 717	US: Canada: EU:
Subtotal Partner Projects Approved:					\$ 2,419,249 €192,144	\$ 1 862 785	\$ 0	€ 192 144	\$ 556 464	\$ 2 419 249	\$ 2 419 249 € 192 144	
TOTAL:					\$ 19,944,593 €192,144	\$ 3 044 327	\$ 1 256 656	€ 1 322 475	\$ 556 464	\$ 4 857 447	\$ 4 857 447 € 1 322 475	


 Mr. V. Alessi*
 USA
 Board Member


 Ms. S. Hey*
 Acting Canadian
 Board Member


 Mr. M. Strikha
 Acting Ukrainian
 Board Member


 Mr. R. Burmanjer*
 Acting EU Board Member
 (for the European Commission)


 Mr. P. Jottard*
 EU Board Member
 (for the EU Presidency)

* Commitment conditional upon availability of funds and granting of necessary government approvals.

General comments :

4993	Subject to co-financing by the Georgian National Science Foundation (GNSF)
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EU comments :

3913	We recommend to reinforce the international cooperation with the EU collaborator
4618	We recommend to reinforce the international cooperation with the EU collaborator
5015	We recommend to modify the project plan and apply the fuzzy logic on the problems with the Enguri dam, collaborating with project STCU 5016
5016	We recommend to collaborate with STCU project 5015 and modify the project plan accordingly

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
8. Review complete - to be considered at next GBM