

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
3013	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	Boyko Mykola Ivanovitch	\$145 580							US:2 Canada:2 EU:1
3017(R)	The development of synthetic approaches to new types of azoles and azines, potential bioregulators	Institute for Bioorganic Chemistry and Petrochemistry	Drach Boris Sergeevich	\$209 620	\$209 620				\$209 620	\$ 209620	US:5 Canada:1 EU:2
3028(C)	Development of natural polyfunctional plant growth biostimulators with antiparasitic effects for the	Interbranch Scientific Technological Center "Agrobiotech"	Borovykova Halyna S.	\$180 000	\$180 000				\$180 000	\$ 180000	US:5 Canada:1 EU:2
3039	Elaboration of the novel method of early cancer detection and development of the commercially	Gromashevsky Institute of Epidemiology and Infectious Diseases	Parkhomenko Larysa Vasylivna	\$120 868							US:2 Canada:1 EU:2
3065	Aerospace-borne soil and vegetation remote-sensing data usage planning	O.Ya. Usikov Institute of Radiophysics and Electronics	Yatsevich Sergey	\$185 000							US:2 Canada:2 EU:3
3074	SQUID-magnetometry system to control magnetic contrast agents and targeted transport of medications with	V.M. Glushkov Institute of Cybernetics	Voitovych Igor	\$219 974							US:2 Canada:2 EU:3
3097	Insulation continuous monitoring and protection system for distribution networks of 6-35 kV	"YuzhVEC" Firm	Shcrabets Fedir Pavlovych	\$170 000							US:2 Canada:2 EU:3
3098	Advanced semiconductor spintronics: technology, theory and devices	Yu. Fedkovich Chernivtsi State University	Gorley Petro	\$83 550			€ 68 830			€ 68830	US:2 Canada:2 EU:5
3106	Extremely disordered materials for fuel cell and nickel-metal hydride battery applications	I.M. Frantsevich Institute of Problems of Materials Science	Solonin Yuriy Mikhailivich	\$180 000							US:2 Canada:2 EU:3
3108	Novel Electrode Materials Based on Nanostructural Carbon Phases for Electrochemical	V.I. Vernadsky Institute of General and Inorganic Chemistry	Novoselova Inessa Arkadiivna	\$198 000							US:2 Canada:2 EU:8
3115	Technology development for production wear-resistant powder tool steels using specific treatment metal melt	I.M. Frantsevich Institute of Problems of Materials Science	Itsenko Anatoly Ivanovych	\$124 970							US:2 Canada:2 EU:3
3120	Nonlinear waves as a technical tool for studying and rearranging the structured medium	S.I. Subbotin Institute of Geophysics	Vakhnenko Vyacheslav	\$193 762							US:2 Canada:2 EU:3
3130	Increase in fatigue strength of thin-walled aluminium structure joints using high-efficient consumable	E.O. Paton Electric Welding Institute	Kirjan Valery	\$258 000							US:2 Canada:2 EU:1

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3131	Nonmetallic composite coatings on lightweight metals resistant to man-made and natural	Ukrainian State Chemical and Technological University	Snizhko Lyubov Olexandrivna	\$165 655							US:2 Canada:1 EU:3
3136	Development of a passive millimeter waves imaging system for detection of the weapon concealed under	State Research Center "Iceberg"	Denisov Alexander	\$186 000							US:2 Canada:2 EU:3
3145	Hydrogen-resistant steel	G.V. Kurdyumov Institute for Metal Physics	Gavriljuk Valentin G	\$95 110	\$95 110				\$95 110	\$ 95110	US:5 Canada:1 EU:1
3160	Design of plane scanning centimeter and millimeter-wave antennas for mobile telecommunication	O.Ya. Usikov Institute of Radiophysics and Electronics	Sirenko Yuriy	\$185 521							US:2 Canada:2 EU:3
3166	Development of the New Hemoadsorption System for Removal of Protein-Bound Toxins and Inflammatory	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology	Nikolaev Volodymyr	\$123 420							US:2 Canada:2 EU:2
3188	Modern methods of evaluation of the load-carrying capacity of refrigerator ship structures	S.P. Timoshenko Institute of Mechanics	Grigorenko Ya M	\$104 542							US:2 Canada:2 EU:3
3189	Technology for thermal hardening of steel tools with the goal of increasing their operational stability	National Metallurgical Academy of Ukraine	Deyneko Leonid Nikolayevich	\$180 000							US:2 Canada:2 EU:8
3195	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	Frolov Gennady	\$185 000							US:2 Canada:2 EU:4
3208	Investigation of new high-effective immunoglobulins preparations for treatment of gramnegative sensis and	Gromashevsky Institute of Epidemiology and Infectious Diseases	Parkhomenko Larysa Vasylivna	\$197 646	\$15 000		€ 12 360		\$15 000	\$ 15000 € 12360	US:6 Canada:1 EU:6
3215	Electro-Vacuum in Ladle Steel Treatment to the Energy Savings, Ecological Improvement and	M. Makarov Yuzhny Machine-Building Plant (Yuzhmash) Production	Nikitchenko Viktor	\$198 384							US:2 Canada:2 EU:3
3221	Development of principles for alloying cold resistant ferritic corrosion-resistant steels	Zaporizhze National Technical University	Koval Anatoliy	\$109 990							US:2 Canada:2 EU:3
3226	Development of the technology for production of semi-conducting silicon carbide substrates for	Special design and technological bureau of Institute of Physics	Maslov Volodymyr Petrovich	\$198 721							US:2 Canada:2 EU:3
3230	Development of biological system for rapid application of pharmacological substances to the cells and	"Lileya" Small Scientific Production Enterprise	Petrenko Serhiy Fedorovich	\$133 742							US:2 Canada:2 EU:1

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3234	Reasonable constructive techniques for suppression of oscillations in transport systems with movable liquid	S.P. Timoshenko Institute of Mechanics	Zakrzhevskyy Evgeny	\$125 000							US:1 Canada:2 EU:4
3243	Synthesis of Carbon Nanotubes on the Surface of Polycrystalline Silicon Carbide by Laser Heating	I.M. Frantsevich Institute of Problems of Materials Science	Sartinska Lina L	\$88 600							US:2 Canada:1 EU:1
3249	Terahertz Electromagnetic Wave Generation from Quantum Nanostructures	O.Ya. Usikov Institute of Radiophysics and Electronics	Popenko Nina	\$150 000							US:2 Canada:2 EU:4
3250	Development of Methods of Long-term Damage and Residual Lifetime Analysis of Critical Components of	S.P. Timoshenko Institute of Mechanics	Golub Vladyslav	\$63 000							US:2 Canada:2 EU:3
3276	Catastrophes and macroscopic anomalies in conductive electron systems	State Enterprise "Institute of Machines and Systems"	Makarov Volodymyr Ivanovich	\$94 004							US:2 Canada:2 EU:1
3278	Development of methodology and Networked simulating tools on the base of the modified system	Informational Resources Research Institute at the National Technical University of Ukraine "Kyiv Polytechnical	Petrenko Anatolii Ivanovich	\$201 211				-\$61 000	-\$61 000	-61000	US:2 Canada:2 EU:5
3282	Methods and Devices Development for Express Diagnosing of Low-Dose Ionizing Radiation Effects	Scientific Research and Engineering Design Institute "ISKRA"	Dolynskyy Gennadiy	\$115 952							US:2 Canada:2 EU:3
3286	Development of Scientific Approach and Technology for Growing High-Quality Optical-Grade Germanium	V.E. Lashkaryov Institute of Semiconductor Physics	Pekar Grygorij Solomonovich	\$160 000							US:2 Canada:2 EU:3
3290	Substantiation of the ways to reduce the natural radionuclides transfer to the environment and human	Marzeev Institute of Hygiene and Medical Ecology	Los Ivan Pavlovich	\$381 914							US:2 Canada:2 EU:3
3296	Multi-Functional Shape Memory Alloys for Smart System Applications	G.V. Kurdyumov Institute for Metal Physics	Koval Yuriy	\$182 710							US:2 Canada:2 EU:3
3305	PECVD nanocrystalline-amorphous coatings based on nc-TiB <sub>x</sub> /a-SiC. Micro- and nano-mechanical	I.M. Frantsevich Institute of Problems of Materials Science	Ivashchenko Volodymyr	\$77 491							US:8 Canada:2 EU:2
3306	Development Of New Functional Materials On The Basis Of Incipient Ferroelectrics For	I.M. Frantsevich Institute of Problems of Materials Science	Glinchuk Maya Davidovna	\$198 200			€ 163 120			€ 163120	US:2 Canada:2 EU:5
3307	Development of Toxin-Specific Molecularly Imprinted Polymer Membranes based on	Institute of Macromolecular Chemistry	Brovko Oleksandr	\$208 366			€ 171 660			€ 171660	US:2 Canada:8 EU:5

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3310	Investigation of possibility for realization of the nuclear synthesis reaction, <i>stimulated by thermal</i>	Institute of Physical Optics	Burak Yaroslav Volodymyrovych	\$160 700							US:2 Canada:2 EU:8
3317	Creation of the industrial plant pilot specimen for milling in hydrogen of <i>ferromagnetic alloys from</i>	Karpenko Institute of Physics and Mechanics	Panasyuk Volodymyr Vacyliovych	\$185 000							US:2 Canada:2 EU:8
3330	Development of multi-dimensional pulsating information arrays for <i>simulation of distributed</i>	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	Shmoilov Vladimir	\$109 555							US:1 Canada:1 EU:1
3335	Modified carbon adsorbents for ecology and fine chemical technologies	Institute for Sorption and Problems of Endoecology	Puziy Oleksandr Mikhailovich	\$111 757							US:2 Canada:2 EU:8
3339	Development of high-sensitivity integrated converters of mechanical <i>deformations and forces with</i>	"TDM" Scientific & Technical Enterprise	Shevchuk Mykola	\$188 695							US:2 Canada:2 EU:8
3345	Structure stability of multilayer nanocrystalline materials Cr-Al-N and Cr-V-N	National Science Center "Kharkiv Institute of Physics and Technology"	Guglya Oleksiy Grygorovych	\$178 705							US:2 Canada:2 EU:3
3346	Experimental installation for study of thermal hydraulic processes in two-phase <i>mechanically pumped loop</i>	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	Gakal Pavlo Grigorievitch	\$150 000							US:2 Canada:1 EU:
3348	The localization of unknown sites of fibrin polymerization for the creation of the new <i>anti-thrombi agents</i>	O.V. Palladin Institute of Biochemistry	Lugovskoy Eduard Vitalievich	\$140 192							US:2 Canada:2 EU:3
3350	Development of new design medical stents and their manufacturing using laser radiation	Scientific Research Institute of Applied Electronics of the National Technical University of Ukraine "Kyiv Polytechnical	Kovalenko Volodymyr Sergiyovich	\$200 000			€ 164 770			€ 164770	US:2 Canada:2 EU:5
3354	Development of new carbon nanocomposites based on exfoliated graphite for the <i>selective adsorption of</i>	Scientific Foundation of Scientists and Specialists of Molecular Cybernetics and Informatics	Dovbeshko Galyna Ivanovna	\$173 692							US:2 Canada:2 EU:3
3360	Creation of high efficiency hybrid energy supply systems for electric vehicles	Institute of Electrodynamics	Pavlov Viktor Borisovich	\$200 000							US:2 Canada:2 EU:8
3372	Development of new methods for active and passive control of vibrations <i>in aerospace and transport</i>	National Technical University "Kharkiv Polytechnical Institute"	Alexandrov Evgeny Evgenievich	\$84 000							US:2 Canada:2 EU:3
3373	Developing of environmentally appropriate and high heat-resistant <i>lubricant modifiers for</i>	Institute for Bioorganic Chemistry and Petrochemistry	Golovko Leonid Volodimirovich	\$199 824							US:1 Canada:1 EU:2

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3382	Advanced Eutectic Titanium Alloys Reinforced with High-Dispersed Ternary Silicido-Boride or Germanido-Boride	I.M. Frantsevich Institute of Problems of Materials Science	Velikanova Tamara Ya.	\$150 000			€ 123 580			€ 123580	US:1 Canada:1 EU:5
3386	Development of Electrophysical Technology of Ecologically Friendly and Wasteless Utilization of	Research and Design Institute "Molniya" of Kharkiv State Polytechnical University	Gladkov Viktor Semjenovich	\$243 063							US:2 Canada:1 EU:1
3392	Interfacial interaction of transition-metal interconnect materials with Pb-free Sn-Bi-In-Zn-Sb solders	I.M. Frantsevich Institute of Problems of Materials Science	Dybkov Vasyl Ivanovych	\$125 710							US:1 Canada:1 EU:2
3402	Tularemia control optimization in different landscape-geographical zones of the Ukraine	Ukrainian I. I. Mechnikov Anti-Plague Research Institute	Pozdnyakova Lyudmila	\$196 678							US:2 Canada:2 EU:2
3416	Development and organization of production of detector arrays using scintillator-photodiode	Institute for Single Crystals R&D Corporation	Nekrasov Vasyl Volodymyrovich	\$160 000							US:2 Canada:2 EU:8
3427	Detection of Explosive, Fissile and High-Z Materials Using High Energy Bremsstrahlung Rays	V.N. Karazin Kharkiv National University	Rudychev Dmitriy	\$275 750							US:2 Canada:2 EU:4
3430	The investigation of combined magnets inclusive the rare earth magnets	National Science Center "Kharkiv Institute of Physics and Technology"	Kravchenko Alexander Ivanovich	\$31 120							US:1 Canada:1 EU:1
3452	Investigation of New Atmosphere Components and Their Influence on Prediction of Global	Institute of Radio Astronomy	Churylov Volodymyr Pavlovych	\$112 000							US:2 Canada:2 EU:8
3475	Geoinformation technology for distributed inventory of greenhouse gases and estimation of ecological	State Scientific and Research Institute of Information Infrastructure	Bun Rostyslav Adamovych	\$147 320							US:2 Canada:1 EU:1
3500	The contactless intraocular pressure measurement's device.	Kharkiv State Medical University	Kochina Marina Leonidivna	\$224 218							US:2 Canada:2 EU:2
3511	Development of the setting and measurement methods of angular gamma-radiation distributions under hard	Institute of Solid-State Physics, Materials Science and Technologies of the National Science Center	Khazhmuradov Manap	\$138 190							US:2 Canada:2 EU:1
3516	DEVELOPMENT OF PLASMA-DETONATION TECHNOLOGY AND EQUIPMENT FOR LOCAL	E. O. Paton Electric Welding Institute	Tyurin Yuriy Nikolaevich	\$174 051							US:2 Canada:1 EU:2
3546	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 "Kiev Polytechnical	Baturkin Volodymyr Mykhaylovych	\$80 800							US:2 Canada:2 EU:1

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3554	Vehicle-borne H2-producing rechargeable feeder for hydrogen-propulsion automobile	Scientific Research Power Engineering Institute of the Dnipropetrovsk National University	Madatov Artem Valeriyovich	\$249 712							US:2 Canada:2 EU:2
3556	The chemiluminescent gas analyzer of oxides of nitrogen (NO, NO2, NOx).	Ukrainian Scientific and Research Institute of Analytic Instrument Engineering "Ikranalit" ISC	Prymiskyy Vladislav	\$175 870							US:2 Canada:2 EU:8
3557	Effect of microgravity on the regulatory mechanisms of photosynthesis	Institute of Plant Physiology and Genetics	Volovyk Olga Gnativna	\$100 000							US:2 Canada:1 EU:
3558	Fluorine-containing derivatives of phosphonic acid: Synthesis and application in bio- and	Institute for Bioorganic Chemistry and Petrochemistry	Romanenko Vladyslav	\$165 406							US:1 Canada:1 EU:2
3567	Reusable Multi-layer Thermal Protection System	M.K. Yangel "Pivdenne" State Design Office	Sitalo Volodymyr Gavrylovich	\$240 000			€ 197 730			€ 197730	US:2 Canada:1 EU:5
3570	Development of technological basis and equipments for air disinfection from pathogens	Ukrainian State Chemical and Technological University	Velichenko Oleksandr borisovich	\$149 640							US:2 Canada:1 EU:1
3576	Investigation of defect-free conditions for superalloy ingots manufacturing	E.O. Paton Electric Welding Institute	Makhnenko Volodymyr L.	\$100 360							US:2 Canada:1 EU:
3587	Structure and mechanical properties of titanium alloys with combined boride and silicide strengthening	I.M. Frantsevich Institute of Problems of Materials Science	Firstov Sergiy	\$160 000							US:2 Canada:1 EU:2
3588	Development of production technology of fetal liver stem cell-based biological preparation for treatment of	Institute of Experimental and Clinical Veterinary Medicine	Stegniy Boris Timofeevich	\$198 000							US:1 Canada:1 EU:2
3590	Radiobiological effects of 241Am incorporated in cells of organism and methods of prevention of the menace of	Institute of Cell Biology and Genetic Engineering	Grodzynskiy Dmitro	\$238 002							US:2 Canada:1 EU:2
3593	Development of New Wear-resistant Coatings on the devices of aeronautical engineering manufactured	Karpenko Institute of Physics and Mechanics	Pohreliuk Iryna Mykolajivna	\$125 000							US:2 Canada:2 EU:8
3600	Time Reversal Acoustics implementation for the soft tissues viscoelastic properties research	V.N. Karazin Kharkiv National University	Barannik Evgen Olexandrovich	\$159 932							US:1 Canada:1 EU:
3602	Physics and Technology of Space-Purpose Thermoelectric Cooling Devices	Institute of Thermoelectricity under NAS and MES of Ukraine	Strutynska Lyubov Tymofievich	\$150 000							US:2 Canada:1 EU:3

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3605	New light-weight eutectic alloys and coatings based on L12 cubic aluminum intermetallics with enhanced	I.M. Frantsevich Institute of Problems of Materials Science	Milman Yuly V.	\$160 000							US:1 Canada:1 EU:8
3621	The development of installation for volumetric modelling of endoprosthesis operations on the	National Technical University "Kharkiv Polytechnical Institute"	Tkachuk Mykola Anatolijovych	\$275 000							US:2 Canada:1 EU:1
3623	Development of Nanotechnologies for Highly Efficient Integrated-Optics and Quantum Structures	Institute of Physical Optics	Vlokh Rostyslav Orestovich	\$201 118							US:1 Canada:1 EU:
3629	Verification of a Fracture Toughness Prediction Model Based on a Local Approach using Irradiated Reactor	G.S. Pisarenko Institute for Problems of Strength	Pokrovsky Volodymyr	\$310 918							US:1 Canada:1 EU:
3643	"Development of chemosensor materials and equipment for detection of explosives, toxicants and	Institute of Organic Chemistry	Kalchenko Vitaliy Ivanovich	\$324 967							US:1 Canada:1 EU:8
3660	Research of anisotropy medium influence on characteristics of small-size magneto-cumulative	V.N. Karazin Kharkiv National University	Yatsenko Evgueny Oleksiyovich	\$25 262							US:2 Canada:1 EU:2
3663	: Evaluation of the performance of ferritic-martensitic steels under gas conditions relevant to	National Science Center "Kharkiv Institute of Physics and Technology"	Voyevodin Victor	\$291 082							US:1 Canada:1 EU:8
3666	Development of a Holographic interference microscope for ecological, medical and biological	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	Galunov Nikolai	\$150 291							US:1 Canada:1 EU:8
3674	Effects of the pine forest irradiation at the long-term root intake of the Chernobyl radionuclides	Ukrainian Institute of Agricultural Radiology	Lazarev Mykola	\$154 800							US:2 Canada:1 EU:1
3684	Radioactive aerosol airborne concentration and dispersal composition during the building-disassembly works	Ukrainian Institute of Agricultural Radiology	Protsak Valentin Petrovich	\$58 730							US:1 Canada:1 EU:
3685	Impurity transport in 3D magnetic field including ergodic effects for the stellarator Wendelstein 7-X	V.N. Karazin Kharkiv National University	Girka Igor Oleksandrovy ch	\$198 213			€ 163 300			€ 163300	US:2 Canada:1 EU:5
3696	Thermodynamical and structural fluid properties in the confined micro- and nanosystems	Kyiv Taras Shevchenko University	Sysoev Volodymyr Myhailovich	\$152 288							US:1 Canada:1 EU:8
3704	Integral optical films based on Chromonic Lyotropic Liquid Crystals for Liquid Crystal Displays	Institute of Physical Optics	Nastyshyn Yuriy Adamovych	\$147 604							US:2 Canada:1 EU:2

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3721	Improving of corrosion resistance of aluminum alloy workpieces by vacuum thermal treatment	Karpenko Institute of Physics and Mechanics	Fedirko Victor Mykolayovych	\$140 002							US:1 Canada:1 EU:2
3729	Automatic complex for the restoration of protective coatings for oil and gas pipelines	Scientific Research Institute of Applied Electronics of the National Technical University of Ukraine "Kiev Polytechnical"	Karpachev Yuriy Andriyovych	\$230 009							US:1 Canada:1 EU:
3733	The optimization of nuclear and radiation safety of SNF centralized storage at ChNPP exclusion zone	National Science Center "Kharkiv Institute of Physics and Technology"	Khazhmuradov Manap	\$169 626							US:1 Canada:1 EU:
3765	The development of new conception of a hypersonic airbreathing propulsion engine	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	Bazyma Leonid Alexseevich	\$125 180							US:2 Canada:1 EU:2
3770	Internal modification of Polycarbonates	Institute for Bioorganic Chemistry and Petrochemistry	Rogalskiy Sergiy Petrovich	\$90 000	\$90 000				\$90 000	\$ 90000	US:5 Canada:1 EU:2
3877	Femtosecond studies of nanomaterials in Ukraine	Institute of Physics	Blonskiy Ivan Vasylovych	\$100 494							US:2 Canada:1 EU:
3880	Development of enzyme multisensor arrays for ecological monitoring of toxins	Institute of Molecular Biology and Genetics	Elska Ganna Valentynivna	\$135 000	\$30 000				\$30 000	\$ 30000	US:6 Canada:1 EU:
3882	Development of ultrasonic computerized tomograph for material characterization in product volume and residual	Karpenko Institute of Physics and Mechanics	Nazarchuk Zinovij Teodorovych	\$120 000							US:2 Canada:1 EU:
3887	Design and screening of fungicides, herbicides and antiprotozoal compounds based on their structural	Institute of Cell Biology and Genetic Engineering	Blume Yaroslav Borysovych	\$240 000	\$30 000				\$30 000	\$ 30000	US:6 Canada:1 EU:
3895	Creation of a new class of fuel cells on a basis of catalyst-containing carbon nanostructures	G.V. Kurdyumov Institute for Metal Physics	Rud Oleksandr Dmytrovich	\$266 400							US:2 Canada:1 EU:
3896	Genomic organization of calcium receptors on intracellular structure to sensory neurons	O.O. Bohomolets Institute of Physiology	Kostyuk Platon Grigorievich	\$180 000	\$30 000				\$30 000	\$ 30000	US:6 Canada:1 EU:
3909	Information technology for solution of problems of trans-computational complexity	V.M. Glushkov Institute of Cybernetics	Deineka Vasyliy S.	\$170 000							US:2 Canada:1 EU:
<b>Subtotal Regular Ukrainian Projects Approved:</b>				\$17 149 429	\$679 730	\$0	€ 1 065 350	-\$61 000	\$618 730	<b>\$ 618730</b> <b>€1065350</b>	

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3109	Solar Distilling Plant with Active Thermodynamic Contour	Scientific Association "Physics-Sun" Physical-Technical Institute	Tursunbaev Ildar	\$194 048							US:2 Canada:2 EU:3
3114	Development of semiconductor detectors of ionizing radiation on the basis of new physical and technological approaches	"Lvivska Polytechnica" National University	Ilchuk Grygoriy A.	\$267 995							US:1 Canada:2 EU:2
3128	Influence of Ionizing Radiation on Diode pumped Solid State Laser: investigation and minimizing risks for applications	Institute of Physics	Negriyko Anatoliy Mykhailovich	\$191 900	\$191 900				\$191 900	\$ 191900	US:5 Canada:2 EU:2
3162	Development of electroconductive textile materials and electrically heated systems based on conductive metallized and	I.M. Frantsevich Institute of Problems of Materials Science	Vyshnyakov Leon	\$148 469							US:2 Canada:2 EU:3
3186	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	Gryaznov Igor Vasilevych	\$324 994							US:2 Canada:2 EU:3
3204	Magnetically and thermally modulated microwave absorption in YBCO films and irradiated twinned and detwinned single crystals	Institute of Applied Physics within Tashkent State University	Kholbaev Isabek	\$119 850							US:2 Canada:2 EU:4
3209	Investigation of nonlinear-optical properties of materials in femtosecond regime and frequency tuning of femtosecond laser pulses	Scientific and Technology Association "Akademprigor"	Usmanov Timurbek	\$189 732							US:3 Canada:2 EU:2
3258	Portable Optoelectronic Devices for Rapid - Diagnostics of Microcirculation and Other Important Blood Parameters	V.M. Glushkov Institute of Cybernetics	Voytovych Igor Danylovych	\$290 000							US:2 Canada:2 EU:8
3274	Development of the technology for producing nanocrystalline oxide powders on the Large Solar Furnace - aluminum oxide	Institute of Material Sciences of Scientific-Production Association "Physics-Sun"	Salikhov Temur Pattahovich	\$121 604							US:2 Canada:2 EU:2
3323	Study of genesis of diamond occurrences in Ukraine and Uzbekistan and prognosis of commercial diamond deposits	Institute of Applied Physics	Valter Anton Antonovich	\$202 804							US:2 Canada:1 EU:8

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

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

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
3341	Macroscopic modelling of solute transport in porous media	Complex Research Institute of Regional Problems (CRIRP)	Burnashev Vladimir Fidiratovich	\$165 000							US:2 Canada:1 EU:1
3343	The digital photoconverter	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	Prykarpatsky Anatoliy Karolevich	\$172 500							US:1 Canada:1 EU:2
3365	Development and creation of the illicit cargoes determination system at the customs without opening the cargo	Institute of Nuclear Physics	Petrenko Vitaliy	\$329 366							US:2 Canada:2 EU:2
3369	Uncooled Infrared Radiation Detectors, Thermoelectric Converters and Pressure Sensors Based on the Higher Manganese Silicide	Tashkent State Aviation Institute	Kamilov Tulkun	\$170 000							US:2 Canada:2 EU:1
3379	Development of Neutron Sources for Neutron Capture Therapy in Human Cancer Tissue	Institute for Nuclear Research	Gritzay Olena	\$194 524							US:8 Canada:2 EU:4
3413	Increasing efficiency of high definition videoinformation systems functioning in long distance and in difficult conditions	"Cybernetics" Institute of Cybernetics SPU	Atakhanov Rashid -	\$75 940							US:2 Canada:1 EU:
3429	Home solar desalter increased productivity	Institute of Power Engineering and Automation	Zakhidov Roman Abdullaevich	\$149 116							US:2 Canada:1 EU:
3482	Estimation of soil degradation on the territory of Central Asia using radioisotope techniques (Cs-137, Be-7)	A.Navoi Samarkand State University	Safarov Askar Narimanovich	\$169 958	\$169 958				\$169 958	\$ 169958	US:5 Canada:1 EU:1
3494	Bioremediation of soils contaminated with petroleum and petroleum products	Institute of Microbiology (Tashkent)	Sagdieva Muyassar Gaibullaevna	\$299 260			€ 246 550			€ 246550	US:1 Canada:1 EU:5
3506	Extending capabilities and carrying out extensive experimental testing of NAAPRO code	Institute for Nuclear Research	Berlizov Andriy	\$254 349							US:2 Canada:1 EU:2

1. Review Incomplete
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4. Resubmit - see comments

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8. Review complete - to be considered at next GBM

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
3513	Economical technology for new high-efficient monolithic graded band-gap AlGaAs/GaAs-three-cascade- and GaAs-n-n-	Scientific Association "Physics-Sun" Physical-Technical Institute	Zaveryukhin Boris Nikolaevich	\$190 000							US:2 Canada:2 EU:2
3523	Dynamics and Phase Transition in Abrikosov Vortex Lattice of High Temperature Superconductors	Institute of Material Sciences of Scientific-Production Association "Physics-Sun"	Gulamova Dilbara Juraevna	\$244 046							US:2 Canada:1 EU:
3532	Advancement of metal and alloy cathodes and their introduction into microwave devices	Institute of Radio Astronomy	Vavriv Dmytro Mykhailovych	\$156 502							US:2 Canada:1 EU:
3633	Developing of methods of rabies cultivation virus in cell culture	Uzbekistan Veterinary Research Institute	Salimov Hait Salimovich	\$243 528							US:1 Canada:1 EU:
3695	"Development and mastering in manufacture of devices protective against overvoltages in electronic and electrotechnical	"KVARK" Scientific-Production Complex	Muratov Alick Fahtdinovich	\$107 112							US:1 Canada:1 EU:2
3708	New class of heterogeneous titanium alloys	E.O. Paton Electric Welding Institute	Kompan Yaroslav Yurievich	\$390 478							US:1 Canada:1 EU:2
3752	Creation of the model of water balance&water quality in basin of Syrdarya River. NAVRUZ_3	Institute of Nuclear Physics	Tillaev Tulkin -	\$298 166							US:2 Canada:1 EU:2
3824	Simulation of the nonlinear deformation process of structures from composite materials	Ulugbek National University of Uzbekistan	Khaldjigitov Abduvali Abdisamadovich	\$102 433							US:2 Canada:1 EU:2
UZ-75(C)	Development of Biosensors for Pesticides Determination in the Environment of Cotton Cultivating Countries	A.S.Sadikov Institute of Bioorganic Chemistry	Veshkurova Olga	\$199 999							US:1 Canada:2 EU:2
UZ-82	Optimization of Thin-Walled Elements and Elastic-Damper Systems of Cushioned Suspensions of the Aircraft Equipment	Tashkent State Air Institute	Ganihanov Sharafutdin Fashutdinovich	\$124 000							US:2 Canada:2 EU:2
<b>Subtotal Regular Uzbek Projects Approved:</b>				\$6 087 673	\$361 858	\$0	€246 550	\$0	\$361 858	<b>\$ 361858 €246550</b>	

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

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

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
3163	Special purpose polymer composites from petroleum products, mineral raw materials, industrial or post-	Institute of Macromolecular Chemistry	Fainleib Oleksandr Markovych	\$260 000							US:2 Canada:2 EU:3
3263	Individual Protective Sheets of Basalt-Titanium-Aluminum Ceramics by Hot Vacuum Compaction	Institute of Mining	Chikhradze Niko	\$187 950							US:2 Canada:2 EU:3
3285	A new experimental approach to the problem of insomnia.	Georgian Sleep Research Institute	Eliozishvili Marine D.	\$299 250							US:2 Canada:2 EU:3
3364	Research of transformation of pollution and management of water resources quality of South	Institute of Radiation Problems	Suleymanov Bahruz Allaxverdi ogy	\$286 890							US:2 Canada:1 EU:
3509	New Effective Antisublimation Coats of Inorganic Vitreous Enamel Type for GeTe- and PbTe-	I. Vekua Sukhumi Institute of Physics and Technology	Basaria Fridon	\$159 666							US:1 Canada:1 EU:
3524	Development of Plasma Technology for Restoring Worn Surfaces of hydraulic transport system	Institute of Mining Mechanics	Makharadze Leon Iliia	\$140 830							US:8 Canada:2 EU:2
3575	The new amorphous, nano- and polycrystalline titanium alloys for medical instruments and their	F. Tavdze Institute of Metallurgy and Material Sciences	Mikaberidze Manana Petrovna	\$197 000	\$197 000				\$197 000	\$ 197000	US:5 Canada:1 EU:2
3596	Influence of Anisotropy of Crystal Lattice On Workability and Quality of Medical Sapphire Implants	Georgian Technical University	Turmanidze Raul Sergeevich	\$193 077	\$193 077				\$193 077	\$ 193077	US:5 Canada:1 EU:1
3601	Investigation and Development of the Device For Remote Destruction of Antipersonnel Mines and	Georgian Technical University	Turmanidze Raul Sergeevich	\$298 533							US:2 Canada:1 EU:1
3604	Biological active substances for body premorbid states prevention caused by influence of UHF EMR in	Karsanov Republican Research Center of Medical Biophysics and Introduction of New Biomedical	Mamuchishvili Inga Gnatovych	\$268 196							US:2 Canada:1 EU:
3631	Advanced low wind speed small turbine with adaptive aeroelastic blades made of composite high-modulus	M.K. Yangel "Pivdenne" State Design Office [should be under Ukraine???	Ushkin Mykola	\$196 601	\$196 601				\$196 601	\$ 196601	US:5 Canada:1 EU:2
3648	Portable monitoring system for operative diagnostics and efficient treatment of epiphitoty processes of	Georgian Technical University	Milnikov Alexander Anatolyevich	\$159 500							US:2 Canada:1 EU:2
3651	Investigation of statistical characteristics of scattered HF radiation and ULF electromagnetic wavy	Georgian Technical University	Jandieri George Vakhtang	\$295 319							US:1 Canada:1 EU:2

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4. Resubmit - see comments

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6. Proj. Dev Grant awarded
7. N/A

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
3657	"Connection to the international system of remote cooperation and training Ukraine -Caucasus.	Georgian Space Agency	Lominadze Jumber G.	\$99 907							US:1 Canada:1 EU:2
3678	Microflora of the slowly healable wounds and effective study of the alternative treatment	G. Eliava Institute of Bacteriophage, microbiology and virology	Alavidze Zempira Isidore	\$308 996							US:1 Canada:1 EU:2
3691	New environmentally friendly technologies for production of manganese, siliceous and chromium	F. Tavadze Institute of Metallurgy and Material Sciences	Oakley Anatoli	\$199 792							US:1 Canada:1 EU:
3698	Electro-Plasmic External Combustion Engine.	Institute of Mining	Khurtsidze Grigori Sergeevich	\$205 000							US:1 Canada:1 EU:1
3714	Measures against mudflows and slides based on geotechnical study in mountain regions of Eastern	Center of Engineering investigations specialists collaborations, projects examination & organization	Katsadze Nestor Akaki	\$197 790							US:2 Canada:1 EU:
3740	Development of technologies of basidiomycetes ligninolytic enzymes production dyes	Durmishidze Institute of Biochemistry and Biotechnology	Elisashvili Vladimir Il'ich	\$159 820	\$159 820				\$159 820	\$ 159820	US:5 Canada:1 EU:1
3748	Research and Development of the Schemes and Technologies for the Enhancement of the	G. Tsulukidze Mining Institute	Gochitashvili Teimuraz Shalva	\$220 001							US:2 Canada:1 EU:2
3758	The development of effective Technologies of Diamond Crystals Synthesis with preset dimensions and	Georgian Technical University	Loladze Nikoloz Tedzhenivna	\$187 650							US:2 Canada:1 EU:
3768	Elaboration of a New Therapeutic-Preventive Composite For Use in Dental Diseases	G. Eliava institute of Bacteriophage, microbiology and virology	Tchgkonia Irina Amiran	\$315 000							US:1 Canada:1 EU:2
3784	New Metal-Ceramic Composite Materials with Nanocrystalline Components for Manufacturing of Hard	F. Tavadze Institute of Metallurgy and Material Sciences	Mikeladze Archil Givi	\$270 000							US:2 Canada:1 EU:1
3921	Development of Innovative SHS-Thermal Explosion Technology for Production of Ti-Al Single-Phase	F. Tavadze Institute of Metallurgy and Material Sciences	Oniashvili Giorgi Shota	\$178 886							US:1 Canada:1 EU:2
GE-96	Development Of The Effective Bacterial Leaching Technology Of Low Grade Manganese Ores And	Caucasian Institute of Mineral Resource	Sakhvadze Lamara	\$242 810							US:2 Canada:2 EU:2
GE-126	Explosive fabrication of novel materials from nanocrystalline powders	Institute of Mining Mechanics	Chikhradze Niko	\$123 350							US:2 Canada:2 EU:8

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4. Resubmit - see comments

5. Approved with funding
6. Proj. Dev Grant awarded
7. N/A

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
<b>Subtotal Regular Georgian Projects Approved:</b>				\$5 651 814	\$746 498	\$0	€0	\$0	\$746 498	\$ 746498 0	
3333	Nanostructural Trends In The Forming Of New Glassy-Like Materials For Optoelectronics	V.I. Vernadsky Institute of General and Inorganic Chemistry	Volktiv S V	\$195 250							US:2 Canada:2 EU:2
3397	Elaboration of magnetic devices with increased lifting capacity for accident elimination in oil and gas wells	State Oil Academy of Azerbaijan	Hasanov Ramiz Alish	\$139 992							US:2 Canada:1 EU:
3469	Elaboration of monocrystalline and films technology, doped of solid solution AlVBVI and tensosensors on their bases	Baku State University	Babanly Mahammad B	\$150 000							US:1 Canada:2 EU:2
3561	Development of Marine Thermal Probe	Institute of Physics	Mukhtarov Abdulvahab Shandorovich	\$93 518							US:2 Canada:2 EU:1
3569	Micro- and macro-reinforcement of asphalt concrete pavement with fibrous materials made in Ukraine and their waste	Institute of Macromolecular Chemistry	Fainleib Oleksandr Markovych	\$360 000							US:1 Canada:1 EU:1
3591	Autonomous wind-hydrogen station	"Pivdenne" State Design Office		\$239 889	\$239 889					\$239 889	US:5 Canada:1 EU:2
3681	Research of Windpotential of Azerbaijan	Institute of Radiation Problems	Garibov Adil Abdulhalig jgly	\$175 973							US:2 Canada:1 EU:1
3797	Suppression of mutagenic and oncogenic changes in animals through specific antibody-mediated inactivation of serotonin-modulating protein	A.I.Karaev Institute of Physiology	Mekhtiev Arif Aliovsad	\$159 996							US:2 Canada:1 EU:2

1. Review Incomplete
2. Review Complete - No willingness to fund
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4. Resubmit - see comments

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

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
3809	Elaboration of methods of drug addiction correction.	Republican Anti-Plague Station	Mamedzadeh Faik Hummet oglu	\$94 101							US:1 Canada:1 EU:2
3829	Circulation of HIV-associated protozoan pathogens in wild and synanthropic rodents	Institute of Zoology	Gaibova Hamida Davud gyzy	\$210 357	\$30 000				\$30 000	\$ 30000	US:6 Canada:1 EU:2
<b>Subtotal Regular Azerbaijan Projects Approved:</b>				\$1 819 076	\$269 889	\$0	€0	\$0	\$269 889	<b>\$ 269889</b> <b>€0</b>	
<b>Subtotal Regular Projects Approved:</b>				\$30 707 992	\$2 057 975	\$0	€1 311 900	-\$61 000	<b>\$1 996 975</b>	<b>\$ 1996975</b> <b>€1311900</b>	
3871	Development of Perchlorate Monitoring Method in Water and Soil and of Decontamination	A.V. Dumansky Institute of Colloid Chemistry and Water Chemistry	Kushchevska Nina Fedorivna	\$95 000	\$61 642	\$7 284	€17 786		\$68 926	\$ 68926 €17786	US:5 Canada:5 EU:5
3872	GRID technologies for environmental monitoring using satellite data	Space Research Institute under NAS and National Space Agency	Kussul Natalia M.	\$120 000	\$62 944	\$7 438	€18 163		\$70 382	\$ 70382 €18163	US:5 Canada:5 EU:5
3894	Monitoring and modeling of surface ozone pollution of the atmosphere	Mikolayiv Astronomical Observatory	Sosonkin Mikhail G	\$131 170	\$42 069	\$4 971	€12 139		\$47 040	\$ 47040 €12139	US:5 Canada:5 EU:5
3897	Processing fine Ni, Cr - containing wastes with liquid crude ferronickel for abandonment of	Gas Institute	Bondarenko Boris Ivanovich	\$48 910	\$23 361	\$2 760	€6 742		\$26 121	\$ 26121 €6742	US:5 Canada:5 EU:5
3898	Textured ceramics based on nanostructured relaxor ferroelectrics	I.M. Frantsevich Institute of Problems of Materials Science	Glinchuk Maya Davidovna	\$133 961	\$52 609	\$6 216	€15 181		\$58 825	\$ 58825 €15181	US:5 Canada:5 EU:5
3905	Monitoring, technical diagnostics and remaining life prediction for the oil transit systems	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	Kushnir Roman Mykhaylovych	\$100 008	\$42 094	\$4 974	€12 146		\$47 068	\$ 47068 €12146	US:5 Canada:5 EU:5
3922	New technologies of THz and sub-THz generation with nanosize semiconductor heterostructures	V.E. Lashkaryov Institute of Semiconductor Physics	Kochelap Vyacheslav Olexandrovich	\$168 000	\$53 381	\$6 307	€15 403		\$59 688	\$ 59688 €15403	US:5 Canada:5 EU:5
<b>Subtotal Targeted R&amp;D Init. Projects Approved:</b>				\$797 049	\$338 100	\$39 950	€97 560	\$0	\$378 050	<b>\$ 378050</b> <b>€97560</b>	

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4. Resubmit - see comments

5. Approved with funding
6. Proj. Dev Grant awarded
7. N/A

## STCU Funding Table 21st Governing Board Meeting 2 December 2005

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P003g	Scientific Protocol of the Study of Leukemia and Other Hematologic Disorders Among Clean-up Workers of Ukraine Following the Chernobyl Accident	Research Center for Radiation Medicine (RCRM)	Romanenko Anatoly	\$217 188	\$217 188				\$217 188	\$ 217188	
P122a	Development of management strategies for the control of the Turkestan termite, a major threat to cultural heritage in Central Asia	Institute of Zoology (Tashkent)	Hamraev Alovuddin	\$5 000	\$5 000				\$5 000	\$ 5000	
P130c	Design, construction and onsite testing of a new n-gamma - logging device for environmental and geological applications	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	Galunov Nikolai	€9 923			€9 923			€9923	
P131a	Development of a new Approach and Instrument for Measurement of Volume Scattering Function over Wide Range of Scattering Angles in Sea Water	Marine Hydrophysical Institute	Lee Michael	\$75 598	\$75 598				\$75 598	\$ 75598	
P194a	Microbial Diversity for Novel Biotechnology Applications	Institute of Microbiology (Tashkent) (IMB)	Tashpulatov Javlon	\$105 000	\$105 000				\$105 000	\$ 105000	
P196a	Microbial Diversity for Novel Biotechnology Applications	Durmishidze Institute of Biochemistry and Biotechnology (DIBB)	Sadunishvili Tinatin	\$105 000	\$105 000				\$105 000	\$ 105000	
P212	Development of mathematical model and software solution for on-line	Northeast Centre of Science of NASU	Popov Volodimir	\$53 554		\$53 554					
P216	Descriptive Supervised Optimization in High Dimensional Mixed Type Data	V.M. Glushkov Institute of Cybernetics	Knopov Pavlo	\$25 000	\$25 000				\$25 000	\$ 25000	
P217	Theory and design of antenna arrays	O.Ya. Usikov Institute of Radiophysics and Electronics (IRE)	Ivanchenko Igor	€40 000			€40 000			€40000	
P224	The effect of environmental conditions and water quality on the populations of malaria vectors in Uzbekistan	Institute of Zoology	Lebedeva Natalja	\$300 000	\$300 000				\$300 000	\$ 300000	

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2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Resubmit - see comments

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



## STCU Funding Table 21st Governing Board Meeting 2 December 2005

#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P225	Research on sand stabilization techniques, in support of the project on enhancing ecosystem stability on the exposed aral seabed and the kyzylkum desert, Uzbekistan	Scientific Centre of Plant Production "Botanika" (SCPP)	Rakhimova Tashkhanim	\$350 000	\$350 000				\$350 000	\$ 350000	

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3. Rewrite / resubmit - see comments
4. Resubmit - see comments


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





## STCU Funding Table 21st Governing Board Meeting 2 December 2005

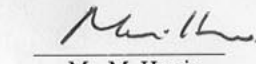
#	Full Title	Leading Institution	Project Manager	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P228	Technology and Equipment Development for Photonuclear Production of Medical Radionuclides	Technology and Equipment Development for Photonuclear Production of Medical Radionuclides	Ayzatskiy Mykola	\$695,000	\$695,000				\$695,000	\$ 695000	
P230	Measuring Devices of Shape and Capacity	"Lvivska Polytechnica" National University (LPNU)	Bolshakova Inessa	\$52,500		\$52,500			\$52,500	\$ 52500	
P236	"Elaboration of a pulse microwave bridge for a Q-band Electron Spin-Echo Spectrometer"	V.E. Lashkaryov Institute of Semiconductor Physics	Machulin V. F.	€ 60,500			€ 60,500			€ 60500	
<b>Subtotal Partner Projects Approved:</b>				\$ 2,283,798 € 110,423	\$2,177,744	\$106,054	€ 110,423	\$0	\$2,283,798	\$ 2283798 € 110423	
<b>TOTAL:</b>				\$ 33,548,950 € 110,423	\$4,573,819	\$146,004	€ 1,519,883	-\$61,000	\$4,658,823	\$ 4658823 € 1519883	

  
Mr. V. Alessi  
USA  
Board Member

  
Mrs. A. Bogdan  
Canadian  
Board Member

  
Mr. Y. Yatskiv  
Ukrainian  
Board Member

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

  
Mr. M. Harris  
EU Board Member  
(for the EU Presidency)

Status 4 - Comments:

- 3065: EU: Project of interest but needs to be rewritten with more technical details.;
- 3074: EU: Rewrite resubmit.;
- 3097: EU: Innovative project of economical interest with safety aspect but needs to be rewritten with more details about the way of applications and to be presented with EU industrial collaborators.;
- 3106: EU: No evaluation at this stage; collaboration with European participants is rather weak and doubts about the economic interest.;
- 3108: EU: Collaborators non industrials. Co-funding possible with european industrial collaborators to be found by Institute Possible contacts Dr robert Terorde -Strijkviertel 67 - 3454 PK De Meeern - The Net
- 3109: EU: Interesting project with economic perspectives but needs collaborators from eu industry.;
- 3115: EU: Interesting project with industrial and economic aspects but improvement is needed. Needs of collaboration from industry from EU . To be rewritten.;
- 3120: EU: European collaborators not yet convincing of involvement in the project. Before further consideration for funding to find other European collaborators. To introduce proposals technical applications wf
- 3131: EU: To be rewritten by taking in account state of art, market applications etc. Look for EU industrial collaborators.;
- 3136: EU: Project of importance but needs to be improved by justifying the technical choices. Partnership or financial participation by collaborators should be explored.;
- 3160: EU: Potential interest but without information about the realisation of such a system. No industrial collaborators. To be resubmitted with more details about realisation and with EU industrial collaborators.;
- 3162: EU: Project of technical and economical interest that needs to be rewritten in association with industrial collaborators, taking in view the market.;
- 3163: EU: The project needs to be improved with EU collaborators of industry in the field of composites.;
- 3186: EU: Interesting project but project must be restructured. By reducing the number of partners, with better coordination, by presenting what would be the tasks. There should be more European collaborato
- 3188: EU: Rewrite with more details.;

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## STCU Funding Table 21st Governing Board Meeting 2 December 2005

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3189: EU: Co-financing by EU collaborators and by other parties required for further EU consideration.;

3195: EU: Co-financing by EU collaborators and by other parties required for further EU consideration.;

3204: EU: Interesting project but needs collaborator from industry before further consideration.;

3209: US: R&R paragraph the proposal was judged eligible for R&R. However, there is no guarantee as regards future possible funding. Authors need to work together with the collaborator(s) to revise and

3215: EU: Interesting economical project that needs European industrial collaborators that could also involve themselves in co-funding.;

3221: EU: Possible interesting project that must be reviewed and resubmitted by implying European industrial collaborators. To include corrosion testing in the project and reduce the staff. Schedule to be ir

3226: EU: No justification of technical choices and no comparison with other technologies.;

3234: EU: Interesting project that needs collaborators from research agency or from industry before further consideration.;

3249: EU: Interesting subject but needs more collaborators from europe, specially from industrial sector before further consideration.;

3250: EU: Actual subject but the proposal is too much ambitious and without collaborators from industry. To rewrite with industrial collaborators and to resubmit.;

3263: EU: Needs to be rewritten with more detailed information about how to reach the goals and with explanation of technicals choices. Find industrial collaborators.;

3282: EU: Rewrite resubmit.;

3285: EU: The proposal is badly prepared, there is a considerable number of animal tests involved, which is lacking the proof with European testing standards, could be resubmitted with improved preparati

3286: EU: Rewrite resubmit.;

3290: EU: The subject is relevant. The description of the project should be improved by considering the progress in Western Europe.;

3296: EU: Relevant project whose redaction must be improved in collaboration with more European partners. Particularly with industrialists implied with interest on potential application. Links with European

3310: EU: Co-financing required for further EU consideration.;

3317: EU: There is no european industrial collaborator. Such collaborator should involve in co-funding.;

3335: EU: Co-funding possible with european collaborators like end-users (supplier or operators of water treatment plants ).;

3339: EU: Project that should be co-funded with european collaborators who would be helpfull for commercialization.;

3345: EU: Relevant project to be modified in collaboration with more European partners. Particularly with industrialists implied with potential application in order to have realistic market approach; other tech

3348: EU: The subject is relevant, but the quality of the proposal has to be improved.;

3372: EU: Project that should be improved and have industrial collaborators from the field of satellites ( Alcatel, Astrium ... ), aircrafts or railway construction ( Altom, Siemens, .... ). Improvement of the proj

3379: EU: The proposal is scientifically excellent but needs some improvements in terms of the European partnership.;

3416: EU: Co-funding by EU collaborators is required for further collaboration.;

3427: EU: Find european collaborators before further consideration. Possibility with Universidad Politecnica de Madrid Professor Velarde gvelarde@denim.upm.es.;

3452: EU: Co-funding is required for further collaboration.;

3593: EU: Co-financing by EU collaborators and by other parties required for further EU consideration.;

GE-126: EU: Possible co-funding with US.;

3382: EU: Must find collaborators from European industry before signing the Project Agreement. If needed, additional travel for collaborator visits must be funded within the existing project budget.

3663: EU: Ready to co-fund.

US comments GB21:

3208: US: PDG requirements to be provided by the Funding Parties.

3829: US: PDG requirements to be provided by the Funding Party.

3770: US: Needs US collaborator.

3880: US: PDG requirements to be provided by the Funding Party.

3887: US: PDG requirements to be provided by the Funding Party.

3896: US: PDG requirements to be provided by the Funding Party.

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

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

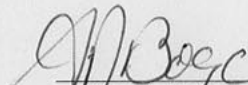


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## STCU Supplemental Budget 21st Governing Board Meeting 2 December 2005

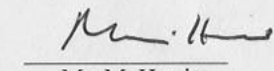
#	Full Title	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)
<b>Supplemental Budget:</b>							
<b>Activity:</b>							
01	Technical, Collaborator, and Contractor Travel Support (Project Related)	\$30,000	-	-	-	\$30,000	\$ 30000 € -
02	Information Technology Support	-	-	-	-	-	-
03	Communications Support	(\$417,215)	-	-	-	(\$417,215)	\$ -417215 € -
04	Business Training/Sustainability Support	\$86,625	\$10,933	€32,868	-	\$97,558	\$ 97558 € 32868
05	Patent Support	-	-	-	-	-	-
06	Travel and Mobility Support	\$56,907	\$54,249	€21,593	\$79,168	\$190,324	\$ 190324 € 21593
07	Expert Contract (Program Related)	-	-	-	-	-	-
08	Expert Review and Advisors	-	-	€30,000	-	-	\$ - € 30000
09	Seminars/Workshops Support	\$22,763	\$2,873	€8,637	-	\$25,636	\$ 25636 € 8637
10	Service Contracts	\$840,000	-	€352,300	-	\$840,000	\$ 840000 € 352300
11	Targeted R&D Initiatives	\$537,455	\$67,830	€203,929	-	\$605,285	\$ 605285 € 203929
12	Targeted Training	\$42,364	\$5,347	€16,074	-	\$47,711	\$ 47711 € 16074
<b>Total Supplemental Budget:</b>		<b>\$1,198,899</b>	<b>\$141,232</b>	<b>€665,401</b>	<b>\$79,168</b>	<b>\$1,419,299</b>	<b>\$ 1419299 €665401</b>

  
Mr. V. Alessi  
USA  
Board Member

  
Mrs. A. Bogdan  
Canadian  
Board Member

  
Mr. Y. Yatskiv  
Ukrainian  
Board Member

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

  
Mr. M. Harris  
EU Board Member  
(for the EU President)