

**Collaborative Call for Research Project Proposals with South-Caucasian Republics 2006
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
1000017-8536	Dilute nitrides for tandem solar cells	CO	Université Pierre et Marie Curie Paris VI / Institut des NanoSciences de Paris	Paris	France
		Team 01	Consiglio Nazionale delle Ricerche (CNR) / Istituto dei Materiali per l'Elettronica ed il	Fontanini-Parma	Italy
		Team 02	Institute of Physics of AzNAS / Non-equilibrium electron processes in semiconductors	Baku	Azerbaijan
		Team 03	Central Laboratory of Solar Energy & New Energy Sources (BAS) / Central Laborator	Sofia	Bulgaria
1000017-8608	Modelling Climate Change, Glacier Dynamics, and Water Availability in the Caucasus	CO	University of Reading / Geography Department	Reading	United Kingdom
		Team 01	Vakhushti Bagrationi Institute of Geography / Laboratory of Glaciology	Tbilisi	Georgia
		Team 02	Moscow State University (MGU) / Department of Cryolithology and Glaciology	Moscow	Russia
		Team 03	Ludwig-Maximilians-Universität München / Geography	München	Germany
1000017-8609	K-theory, non-commutative geometry, homology theories, homotopy theory, operator and normed algebras	CO	University of Copenhagen / Department of Mathematics	Copenhagen	Denmark
		Team 01	A. Razmadze Mathematical Institute / Algebra	Tbilisi	Georgia
		Team 02	Institute of Mathematics and Mechanics of AzNAS / Department of Functional Analysis	Baku	Azerbaijan
		Team 03	Westfaelische Wilhelms-Universität Münster / Department of Mathematics	Münster	Germany
		Team 04	Universidad de Valladolid / Álgebra y Geometría y Topología	Valladolid	Spain
		Team 05	Université de Paris XIII / Institut Galilée	Villetaneuse	France
1000017-8777	Solar and galactic cosmic ray particle acceleration and modulation	CO	Universität Greifswald / Institute of Physics	Greifswald	Germany
		Team 01	University of Bern / Physikalisches Institut	Bern	Switzerland
		Team 02	Yerevan Physics Institute (YerPhi) / Cosmic Ray Division	Yerevan	Armenia
		Team 03	Technion - Israel Institute of Technology / Exact Sciences Faculty	Tel Aviv	Israel

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1000017-8792	Variable Exponent Analysis	CO	Universidade do Algarve / Department of Mathematics	Faro	Portugal
		Team 01	A. Razmadze Mathematical Institute / Dep. of Mathematical Analysis	Tbilisi	Georgia
		Team 02	Institute of Mathematics and Mechanics of AzNAS /	Baku	Azerbaijan
		Team 03	University of Oulu / Department of Mathematical Sciences	Oulu	Finland
1000017-8811	South-Caucasian Republics: Research and Development of Science, Technology and Innovation Policy (SCRIPTS)	CO	Assystem UK Ltd / Consultancy Department	Preston	United Kingdom
		Team 01	Institute of Philosophy, Sociology and Law /	Yerevan	Armenia
		Team 02	Azerbaijan National Academy of Sciences / Presidium	Baku	Azerbaijan
		Team 03	Centre of Economic Reforms / Scientific Research Department	Baku	Azerbaijan
		Team 04	Georgian Centre for Enterprises Restructuring and Management Assistance / Program	Tbilisi	Georgia
		Team 05	Georgian Caucasus School of Business / Research	Tbilisi	Georgia
		Team 06	Estonian Ministry of Economic Affairs and Communications / Division of Technology and Innovation	Tallinn	Estonia
		Team 07	Institute of National Economy / R&D and Innovation Department	Bucuresti, Sector 5	Romania
1000017-8886	Some nonclassical problems for thin structures	CO	Università di Roma "Tor Vergata" / Civil Engineering	Roma	Italy
		Team 01	Institute of Mechanics / Mechanics of thin-walled systems	Yerevan	Armenia
		Team 02	Ecole Supérieure d'Ingénieurs en Electronique et Electronique / Département de Mathématiques	Noisy-le-Grand	France
		Team 03	Università di Roma "Tor Vergata" / Civil Engineering	Roma	Italy
		Team 04	Yerevan State University / Department of Mechanics of continua	Yerevan	Armenia
		Team 05	Iv.Javakhishvili Tbilisi State University / I.Vekua Institute of Applied Mathematics	Tbilisi	Georgia

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1000017-8909	Development of a unified approach and software for numerically solving inverse and optimization problems for distributed systems	CO	Kocaeli University / Applied Mathematical Sciences Research Center	Izmit	Turkey
		Team 01	University of Kuopio / Department of Physics	Kuopio	Finland
		Team 02	Université de Provence Aix-Marseille I & CNRS / Institut Fresnel, UMR-CNRS 6133	Marseille	France
		Team 03	Cybernetics Institute / Numerical modeling and optimization methods in decision-making	Baku	Azerbaijan
		Team 04	Azerbaijan State Oil Academy / Applied Mathematics	Baku	Azerbaijan
		Team 05	Lenkeran State University / Department of Physics-Mathematics	Lenkeran	Azerbaijan
		Team 06	V.M. Glushkov Institute of Cybernetics of the NASU / Mathematical Methods of Applied Mechanics	Kiev	Ukraine
		Team 07	North Caucasus State Technical University / Oil and Gas Department	Stavropol	Russia
1000017-8930	Towards a better understanding of hydrocarbon potential at the cross-road of Europe, Middle-East and Asia (The Eastern Greater Caucasus).	CO	University of Fribourg / Department of Geosciences	Fribourg	Switzerland
		Team 01	Institute of Geology of AzNAS / Department of Geotectonic, stratigraphy and lithology	Baku	Azerbaijan
		Team 02	Institute of Paleobiology / Department of Palaeobotany	Tbilisi	Georgia
		Team 03	Università Politecnica delle Marche / Department of Marine Sciences	Ancona	Italy
1000017-8943	Non Gaussian transport, strong turbulence, and nonlinear phenomena in the magnetosphere and ionosphere	CO	Università di Calabria / Department of Physics	Rende (CS)	Italy
		Team 01	Institute of Atmospheric Physics (ASCR) / Department of Upper Atmosphere	Prague	Czech Republic
		Team 02	I.Vekua Institute of Applied Mathematics of Tbilisi State University / I.Vekua Institute of Mathematics	Tbilisi	Georgia
		Team 03	Space Research Institute (IKI) / Space Plasma Physics Department	Moscow	Russia

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1000017-9001	Study of atomic vapor layers of nanometric thickness and atom-surface interaction	CO	Institute of Electronics (BAS) /	Sofia	Bulgaria
		Team 01	Université de Paris XIII & CNRS / Laboratoire de Physique des Lasers	Villetaneuse	France
		Team 02	Università di Siena / Department of Physics	Siena	Italy
		Team 03	Université de Bourgogne / Laboratoire de Physique	Dijon	France
		Team 04	University of Latvia / Physics Department	Riga	Latvia
		Team 05	Institute of Physical Research / Laser Spectroscopy Laboratory	Ashtarak	Armenia
1000017-9041	The radiative properties of quasi-molecules in celestial objects	CO	Universidad Nacional de Educación a Distancia / ETSI Industriales, Dpto Ingeniería E	Madrid	Spain
		Team 01	Iv.Javakhishvili Tbilisi State University / Department of Physics	Tbilisi	Georgia
		Team 02	St.Petersburg State University / Institute of Physics	St.Petersburg	Russia
		Team 03	Byurakan Astrophysical Observatory / Astrophysical	Byurakan	Armenia
		Team 04	Max-Planck-Institut für Quantenoptik (MPQ) / Laser Chemistry	Garching	Germany
		Team 05	Université Pierre et Marie Curie Paris VI / Physics	Ivry-sur-Seine	France
1000017-9093	Polynomial Mappings: Algebra, Computation and Topology	CO	University of Utrecht / Department of Mathematics	Utrecht	The Netherlands
		Team 01	A. Razmadze Mathematical Institute / Department of Geometry and Topology	Tbilisi	Georgia
		Team 02	Taras Shevchenko National University of Kiev / Department of Mechanics and Mather	Kiev	Ukraine
		Team 03	Technische Universität Kaiserslautern / Mathematics	Kaiserslautern	Germany
1000017-9130	Stress related geohazards in South Caucasus	CO	Universität Karlsruhe / Geophysics Institute	Karlsruhe	Germany
		Team 01	Università della Basilicata / Department of Engineering and Physics of the Environme	Potenza	Italy
		Team 02	Institute of Geophysics of Georgia / Regional Seismology	Tbilisi	Georgia
		Team 03	Institute of Geology of AzNAS / Seismology	Baku	Azerbaijan
		Team 04	Institute of Geological Sciences / Geohazards	Yerevan	Armenia

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1000017-9234	Efficient manipulation of atoms and molecules and applications to nonlinear optics and quantum information processing	CO	Technische Universität Kaiserslautern / Department of Physics	Kaiserslautern	Germany
		Team 01	Université de Bourgogne / -	Dijon	France
		Team 02	Institute of Physical Research / -	Ashtarak	Armenia
1000017-9258	Testing spacetime symmetry-breaking in the early universe with the Cosmic Microwave Background and with sources of high frequency radiation	CO	University of Sussex / Department of Physics and Astronomy	Brighton	United Kingdom
		Team 01	University of Geneva / Department of Theoretical Physics	Geneva	Switzerland
		Team 02	University of Zielona Gora / Institute of Astronomy	Zielona Gora	Poland
		Team 03	Abastumani Astrophysical Observatory / Center for Plasma Astrophysics	Tbilisi	Georgia
		Team 04	A. Razmadze Mathematical Institute / Department of Theoretical Physics	Tbilisi	Georgia
		Team 05	Yerevan Physics Institute (YerPhI) / Department of Theoretical Physics	Yerevan	Armenia
1000017-9365	Copper-ore deposits in volcano-plutonic complexes of the Lesser Caucasus: their genesis and prospecting signs.	CO	Université de Nice -Sophia Antipolis & CNRS / UMR 6526 Geosciences Azur	Valbonne	France
		Team 01	Universität Potsdam / Institute of Geosciences	Potsdam	Germany
		Team 02	A. Janelidze Institute of Geology / Mineral Deposits	Tbilisi	Georgia
		Team 03	Institute of Geological Sciences / Magmatism and Isotope Geology	Yerevan	Armenia
		Team 04	Baku State University / Mineral Deposits	Baku	Azerbaijan