

**Thematic Call for Research Project Proposals
on "Information Technologies" 2004
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
77-6902	The calculation algorithms to the solution of the problem of synthesis of optimal stabilization of periodic systems and creating of the packet of applied programmes on the base of MATLAB	CO	Chalmers University of Technology / Department of Mathematics	Göteborg	Sweden
		Team 01	Institute of Mechanics of NASU / Dynamics of Complex Systems Department	Kiev	Ukraine
		Team 02	Mersin University / Electrical Engineering Department	Mersin	Turkey
		Team 03	Institute of Applied Mathematics of AzNAS / Recognition of images and processing of the information department	Baku	Azerbaijan
77-7003	A system for computer planning in pelvic and lower limbs surgery	CO	Universität Mannheim / Institute for Computational Medicine	Mannheim	Germany
		Team 01	Universitätsklinikum Ulm / Department of Traumatology Hand and Reconstructive Surgery	Ulm	Germany
		Team 02	University Medical Center Utrecht / Image Sciences Institute	Utrecht	The Netherlands
		Team 03	United Institute of Informatics Problems of NASB	Minsk	Belarus
		Team 04	National Center of Information Resources and Technologies of NASB / Department of Telemedicine and Medical Imaging	Minsk	Belarus
		Team 05	Belarus Research Institute of Trauma and Orthopedics / Laboratory of trauma and orthopedics of children and adolescents	Minsk	Belarus
		Team 06	Turner Institute for Pediatric Orthopaedics / Department for Hip Disorders	St.Petersburg	Russia
77-7036	Disclosing intrinsic relations between ultrasonic and histological images for improving thyroid cancer diagnosis after the Chernobyl Reactor Accident	CO	University Medical Center Utrecht / Image Sciences Institute QS 459	Utrecht	The Netherlands
		Team 01	Bayerische Julius-Maximilians-Universität Würzburg / Clinic and Policlinic for Nuclear Medicine	Würzburg	Germany
		Team 02	United Institute of Informatics Problems of NASB / Automation of video information input department	Minsk	Belarus
		Team 03	Belarus State Medical University / Oncology Department	Minsk	Belarus
		Team 04	Belarus Medical Academy for Postgraduate Studies / Endocrinology Laboratory of Thyroidology	Minsk	Belarus
		Team 05	Dorodnitsyn Computing Centre of the RAS / Mathematical Methods of Recognition and Recognition Situations Department	Moscow	Russia
		Team 06	Penza State University / Economical Cybernetics Department	Penza	Russia
		Team 07	University of Surrey / School of Electronics and Physical Sciences	Guildford	United Kingdom

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77-7067	MEDICAL IMAGE MINING: Theoretical Foundation And Technological Aspects	CO	Consiglio Nazionale delle Ricerche (CNR) / Institute of Information Science and Technologies "A. Faedo"	Pisa	Italy
		Team 01	Information Research and Development Ltd. / Investigation Analysis Estimation Recognition Department	Moscow	Russia
		Team 02	United Institute of Informatics Problems of NASB / Laboratory of Image Processing and Recognition	Minsk	Belarus
		Team 03	A. Eliashvili Institute of Control Systems / Department of Machine Intellect Problems	Tbilisi	Georgia
		Team 04	RWTH Aachen / Department of Medical Informatics	Aachen	Germany
77-7080	Algebraic and deduction methods in non-classical logic and their applications to Computer Science	CO	Università di Udine / Mathematics and Computer Science Department	Udine	Italy
		Team 01	Sobolev Institute for Mathematics SB RAS / Department of Logic	Novosibirsk	Russia
		Team 02	A. Razmadze Mathematical Institute / Algebra Department	Tbilisi	Georgia
		Team 03	National Institute of Telecommunications / Theoretical Foundations of Telecommunications and Information Technology	Warsaw	Poland
77-7112	New methods of information treatment for management of water quality in river basins	CO	Marine Information Service	Leidschendam	The Netherlands
		Team 01	Ruhrverband	Essen	Germany
		Team 02	Ukrainian Scientific Research Institute for Ecological Problems / Laboratory of automated systems and information support for environmental management	Kharkiv	Ukraine
		Team 03	Odessa National Mechnikov University / Regional Centre for Integrated Environmental Monitoring	Odessa	Ukraine
		Team 04	Institute of Geography (MAS) / Department of Landscape Sciences	Chisinau	Moldova
77-7173	Data Flow Systems: Algorithms and Complexity (DFS-AC)	CO	Alfred Renyi Institute of Mathematics	Budapest	Hungary
		Team 01	Universität Rostock / Mathematics Department	Rostock	Germany
		Team 02	Institute of Informatics and Automation Problems / Discrete Modelling, Analysis and Recognition Department	Yerevan	Armenia
		Team 03	Steklov Mathematical Institute - St.Petersburg Branch (POMI) / Laboratory of Mathematical Logic	St.Petersburg	Russia
		Team 04	Sobolev Institute for Mathematics SB RAS / Discrete analysis and Operations Research Department	Novosibirsk	Russia
		Team 05	Odessa State Academy of Food Technologies / Applied Mathematics Department	Odessa	Ukraine
		Team 06	Université de Paris-Dauphine & CNRS / LAMSADE UMR 7024	Paris	France
		Team 07	Research and Academic Computer Technology Institute	Patras	Greece

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77-7178	Global and Local Protein Matching	CO	Universidad de les Illes Balears / Department of Matematics and IUNICS (University Institute for Health Sciences)	Palma de Mallorca	Spain
		Team 01	University of York / Department of Computer Science	York	United Kingdom
		Team 02	Belarus Research Institute of Microbiology and Epidemiology / Department for Biotechnology and Highly Pathogenic Infections	Minsk	Belarus
		Team 03	Moscow State University (MGU) / Belozersky Institute of Physico-Chemical Biology	Moscow	Russia
		Team 04	United Institute of Informatics Problems of NASB	Minsk	Belarus
77-7198	Information Technology for Remotely Sensed DataAnalysis Based on the System Integration ofMultiscale Conceptions	CO	Technische Universität Dresden / Electrical Engineering and Information Technology Department	Dresden	Germany
		Team 01	University of Joensuu / Department of Physics	Joensuu	Finland
		Team 02	Samara State Aerospace University / Faculty of Information Science	Samara	Russia
		Team 03	Ufa State Aviation Technical University / Faculty of Avionics	Ufa	Russia
		Team 04	Institute of Mathematics / Department of Probability Theory	Tashkent	Uzbekistan
77-7289	Quantum information technologies: quantum cryptography and simulation of quantum many-body systems	CO	Institute of Physics, Slovak Academy of Sciences	Bratislava	Slovakia
		Team 01	Centre National de la Recherche Scientifique (CNRS) / Laboratoire Aimé Cotton	Orsay	France
		Team 02	Universität Stuttgart / 3rd Physical Institute	Stuttgart	Germany
		Team 03	Moscow State University (MGU) / Faculty of Computational Mathematics and Cybernetics	Moscow	Russia
		Team 04	Yerevan State University / Department of Physics	Yerevan	Armenia
		Team 05	Stepanov Institute of Physics of NASB / Laser Physics Department	Minsk	Belarus
77-7347	Principles of Dissimilarity-Based Pattern Recognition in Signals, Symbolic Sequences and Images (acronym PRINCESS)	CO	Czech Technical University in Prague / Department of Cybernetics	Prague	Czech Republic
		Team 01	Scientific Council "Cybernetics" of the RAS / Mathematical Methods of Analysis and Recognition Laboratory	Moscow	Russia
		Team 02	Tula State University / Automation and Remote Control Department	Tula	Russia
		Team 03	International Research and Training Centre for Information Technologies and Systems from the NASU / Recognition of Images Department	Kyiv	Ukraine
		Team 04	University of Surrey / Centre for Vision, Speech and Signal Processing	Guildford	United Kingdom
		Team 05	Technische Universität Dresden / Institute for Artificial Intelligence	Dresden	Germany

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ID-Id	Title	Role	Institution	City	Country
77-7404	Development of multi-voice and multi-language Text-to-Speech (TTS) and Speech-to-Text (STT) conversion system (languages: Belarussian, Polish, Russian)	CO	Technische Universität Dresden / Laboratory of Acoustics and Speech Communication (IAS)	Dresden	Germany
		Team 01	University of Bialystok / Institute of Computer Science	Bialystok	Poland
		Team 02	United Institute of Informatics Problems of NASB / Speech Recognition and Synthesis Laboratory	Minsk	Belarus
		Team 03	St.Petersburg Institute for Informatics and Automation / Applied Informatics Department	St.Petersburg	Russia