

**Thematic Call for Research Project Proposals
on "Position Sensitive Detectors" 2004
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
78-6744	Two-phase cryogenic avalanche detectors for astroparticle and medical imaging.	CO	University of Sheffield / Physics and Astronomy Department	Sheffield	United Kingdom
		Team 01	Budker Institute of Nuclear Physics / Laboratory 3	Novosibirsk	Russia
		Team 02	Universidade de Coimbra / Departamento de Física	Coimbra	Portugal
		Team 03	Institute of Theoretical and Experimental Physics (ITEP) / Particle Physics Department	Moscow	Russia
		Team 04	Yerevan Physics Institute (YerPhi) / Experimental Physics Division	Yerevan	Armenia
78-6839	Ultrafast Position-Sensitive Detectors on the Basis of New Avalanche Micropixel Photodiodes with Single Photon Detection Efficiency and with High Amplitude Resolution for Visible and UV Light	CO	Paul Scherrer Institute / Research Department "Particles and Matter"	Villigen	Switzerland
		Team 01	Institute of Physics of AzNAS / Laboratory of Heterostructures	Baku	Azerbaijan
		Team 02	Swiss Federal Institute of Technology (ETH Zürich) / Institute for Particle Physics (IPP)	Zürich	Switzerland
		Team 03	Humboldt Universität Berlin / Institut für Physik	Berlin	Germany
		Team 04	Institute of Nuclear Research, RAS / Department of Deep-Underwater Detection of Neutrinos	Moscow	Russia
		Team 05	Iv.Javakhishvili Tbilisi State University / High Energy Physics Institute	Tbilisi	Georgia
		Team 06	Joint Institute for Nuclear Research (JINR) / Dzheleпов Laboratory of Nuclear Problems	Dubna, Moscow Region	Russia
78-7083	Ce-doped aluminium perovskite and garnet single crystal and single crystalline film scintillators for high spatial resolution detectors.	CO	Institute of Physics (ASCR) / Department of Optical Crystals	Prague	Czech Republic
		Team 01	Università di Milano-Bicocca / Materials Science Department	Milano	Italy
		Team 02	University of Tartu / Institute of Physics	Tartu	Estonia
		Team 03	CRYTUR Ltd. / Scintillator and Laser Crystals Department	Turnov	Czech Republic
		Team 04	Ivan Franko Lviv State University / Electronics Department	Lviv	Ukraine
		Team 05	Moscow State University (MGU) / Faculty of Physics	Moscow	Russia
		Team 06	Institute of Problems of Material Science of NASU / Department of Oxide Materials	Kyiv	Ukraine

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78-7124	Synthesis of nanometric structures based on silicides and oxides of transitional metals for position sensors	CO	Università di Lecce / Physics Department	Lecce	Italy
		Team 01	St.Petersburg State University of Information Technologies, Mechanics and Optics / Laser-Based Technologies & Applied Ecology Department	St.Petersburg	Russia
		Team 02	Institute of Metal Physics of NASU	Kyiv	Ukraine
		Team 03	Foundation for Research and Technology - Hellas (FORTH) / IESL - Electronic Structure & Laser Department	Heraklion	Greece
78-7183	A Field Ionization Position Sensitive Detector for Neutral Molecular Beams	CO	Otto-von-Guericke Universität Magdeburg / Institute of Chemistry	Magdeburg	Germany
		Team 01	Technische Universität Graz / Institute of Experimental Physics	Graz	Austria
		Team 02	Lviv Polytechnic National University / Applied Mathematics Department	Lviv	Ukraine
		Team 03	Moscow Institute of Physics and Technology / Center of Advanced Field Emission	Dolgoprudnyi, Moscow Region	Russia
78-7185	Feasibility of Air borne Optical Detectors for Analysis of Traffic flow in Mega Cities.	CO	Deutschen Zentrum für Luft- und Raumfahrt (DLR) / Institute for Traffic Research	Berlin	Germany
		Team 01	Budapest Institute of Technology and Economics / Photogrammetry and Geoinformatics Department	Budapest	Hungary
		Team 02	Institute of General Physics of RAS / Theory Department	Moscow	Russia
		Team 03	Institute of Theoretical Physics, National Science Center "Kharkov Institute of Physics and Technology / Condensed Matter Department	Kharkiv	Ukraine
		Team 04	Center for Transport Information Technology	Moscow	Russia
78-7193	Imaging GaAs X-ray Detectors	CO	Oxford Instruments Analytical Oy / Detector and Space Projects Department	Espoo	Finland
		Team 01	Mid Sweden University / Information Technology and Media Department	Sundsvall	Sweden
		Team 02	Helsinki University of Technology / Electrical and Communications Engineering Department	Espoo	Finland
		Team 03	Ioffe Physical Technical Institute / Solid State Electronics Department	St.Petersburg	Russia
		Team 04	Moldavian State University / Physics Department	Chisinau	Moldova
		Team 05	Vapor Phase Epitaxy and Devices Ltd.	St.Petersburg	Russia
		Team 06	Soft-Impact Ltd. / Chemical Vapor Deposition Department	St.Petersburg	Russia

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78-7227	High-sensitive optical sensors for non-destructive material testing and vibration monitoring.	CO	City University / Department of Electrical, Electronic and Information Engineering	London	United Kingdom
		Team 01	National Hellenic Research Foundation / Theoretical Physical Chemical Institute (TPCI)	Athens	Greece
		Team 02	Ioffe Physical Technical Institute / Division of Physics of Dielectrics and Semiconductors	St.Petersburg	Russia
		Team 03	Institute of Automation and Control Processes / Quantum and Optical Electronics Department	Vladivostok	Russia
		Team 04	National Science Center "Kharkov Institute of Physics & Technology" / Department of Diffusion and Electronic Processes in Solids	Kharkiv	Ukraine
78-7308	Development of a Position Sensitive Detector for PET, CT and Gamma Cameras with Improved Sensitivity and Spatial Resolution.	CO	Instituto de Física Corpuscular IFIC / Experimental Physics Department	Valencia	Spain
		Team 01	Klinikum rechts der Isar / Nuclear Medicine Department	München	Germany
		Team 02	Belarus State University / Institute for Nuclear Problems	Minsk	Belarus
		Team 03	All-Russia Research Institute for the Synthesis of Minerals (VNIISIMS) / High Temperature Crystallization Department	Alexandrov	Russia
78-7366	Development and manufacture of an optical position-sensitive detector with high time resolution,	CO	Tel Aviv University / School of Physics and Astronomy	Tel Aviv	Israel
		Team 01	National University of Ireland, Galway / Information Technology Department	Galway	Ireland
		Team 02	Shamakha Astrophysical Observatory / Investigation of Fast Spectroscopic Variability of Heavenly Bodies and Stellar Atmospheres Department	Baku	Azerbaijan
		Team 03	Special Astrophysical Observatory / Physics and Evolution of Stars Department	Nizhny Arkhyz	Russia