

**Collaborative Call for Research Project Proposals with GSI* 2006
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
1000012-8530	Projectile Electron Losses in the Collisions of Fast and Relativistic Low Charged Ions with Neutral Targets.	CO	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Department	Darmstadt	Germany
		Team 01	Heat Physics Department / Perspective Studies Laboratory	Tashkent	Uzbekistan
		Team 02	Lebedev Physical Institute / Optical Division	Moscow	Russia
		Team 03	Pomor State University / Physics Department	Arkhangelsk	Russia
		Team 04	Stockholm University / Atomic Physics Department	Stockholm	Sweden
		Team 05	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
1000012-8683	Irradiation Test of Magnetic Alloy and Organic Insulator Materials	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	Institute of Nuclear Research, RAS / Laboratory of Neutron Researches	Moscow	Russia
		Team 02	Institute of Theoretical and Experimental Physics (ITEP) / High Energy Density in Matter produced by Heavy Ion Beam Department	Moscow	Russia
		Team 03	Slovak University of Technology of Bratislava / Department of Nuclear Physics and Technology	Bratislava	Slovakia
1000012-8707	Development of Experimental Techniques for Warm Dense Matter Research at FAIR (HEDgeHOB Collaboration)	CO	Gesellschaft für Schwerionenforschung (GSI) / Plasmaphysics Department	Darmstadt	Germany
		Team 01	Institute of Problems in Chemical Physics / Extreme States of Matter Department	Chernogolovka, Moscow Region	Russia
		Team 02	Institute of Theoretical and Experimental Physics (ITEP) / Plasma Physics Department	Moscow	Russia
		Team 03	Technische Universität Darmstadt / Institut für Kernphysik	Darmstadt	Germany
		Team 04	Universidad Politécnica de Valencia / Institute Pure Applied Mathematics	Valencia	Spain
		Team 05	I.I. Mechnikov Odessa State University / Theoretical Physics Department	Odessa	Ukraine
1000012-8729	A Transition Radiation and Tracking Detector based on Straw Tubes for the Compressed Baryonic Matter Experiment at FAIR Darmstadt	CO	Forschungszentrum Rossendorf / Institute of Radiation Physics	Dresden	Germany
		Team 01	Joint Institute for Nuclear Research (JINR) / Particle Physics Department	Dubna, Moscow Region	Russia
		Team 02	St.Petersburg Nuclear Physics Institute / High Energy Physics Department	Gatchina	Russia
		Team 03	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
		Team 04	Lebedev Physical Institute / Nuclear Physics and Astrophysics Department	Moscow	Russia
		Team 05	Warsaw University of Technology / Faculty of Electronics and Information Technology	Warsaw	Poland

**Collaborative Call for Research Project Proposals with GSI* 2006
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
1000012-8778	Integrating the CAD Model with Detector Simulation: Data exchange from CATIA v5 to VMC for the CBM experiment at FAIR	CO	Gesellschaft für Schwerionenforschung (GSI) / Information Technology Department	Darmstadt	Germany
		Team 01	Institute of Theoretical and Experimental Physics (ITEP) / High Energy Physics Department	Moscow	Russia
		Team 02	CERN / Physics Department (PH)	Geneva	Switzerland
1000012-8781	Development of a Muon Detection System for the Compressed Baryonic Matter Experiment	CO	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics I Department	Darmstadt	Germany
		Team 01	St.Petersburg Nuclear Physics Institute / Department of High Energy Physics	Gatchina	Russia
		Team 02	St.Petersburg State Polytechnical University / Faculty of Physics and Mechanics	St.Petersburg	Russia
		Team 03	Warsaw University / Institute of Experimental Physics	Warsaw	Poland
		Team 04	Institute of Theoretical and Experimental Physics (ITEP) / High Energy Physics Department	Moscow	Russia
1000012-8782	Linear Accelerators for the Synchrotron Injection of Megawatt Proton- and Heavy Ion-Beams for the Facility for Antiproton and Ion Research (FAIR)	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	Institute of Theoretical and Experimental Physics (ITEP) / Accelerator Department	Moscow	Russia
		Team 02	Johann Wolfgang Goethe Universität / Institute of Applied Physics (IAP)	Frankfurt-am-Main	Germany
		Team 03	Università di Bologna / Physics Department	Bologna	Italy
		Team 04	Moscow Radio-Technical Institute / Ion Linear Accelerator Division	Moscow	Russia
1000012-8787	Development of a Pellet Target for PANDA	CO	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
		Team 01	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics III Department	Darmstadt	Germany
		Team 02	Uppsala University / The Svedberg Laboratory (TSL)	Uppsala	Sweden
		Team 03	Moscow Power Engineering Institute /	Moscow	Russia
		Team 04	Institute of Theoretical and Experimental Physics (ITEP) / Radiating Processes Department	Moscow	Russia
1000012-8810	Prototype development for the high rate TOF detector of the CBM experiment	CO	Ruprecht Karls Universität Heidelberg / Physikalisches Institut	Heidelberg	Germany
		Team 01	National Institute for Physics and Nuclear Engineering (NIPNE) / Nuclear Physics Department	Bucharest	Romania
		Team 02	Institute of Nuclear Research, RAS / Department of Experimental Physics	Moscow	Russia
		Team 03	Institute of High Energy Physics (IHEP) / Neutrino Physics Department	Protvino, Moscow region	Russia

**Collaborative Call for Research Project Proposals with GSI* 2006
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
1000012-8844	Development of Double-Sided Silicon Microstrip and Li Drifted Silicon Detectors for projects EXL and R3B	CO	Johannes Gutenberg Universität / Chemistry Department	Mainz	Germany
		Team 01	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics II Department	Darmstadt	Germany
		Team 02	CLRC Daresbury Laboratory / Nuclear Physics Group	Daresbury	United Kingdom
		Team 03	Ioffe Physical Technical Institute / Solid State Electronics Department	St.Petersburg	Russia
		Team 04	St.Petersburg Nuclear Physics Institute / Department of High Energy Physics	Gatchina	Russia
		Team 05	Research Institute of Material Science and Technology (RIMST) / Semiconductor Materials Department	Moscow	Russia
1000012-8845	Development of a control system to study radiation hardness of high quality lead tungstate crystals, light pulser system for inter-calibration and monitoring and software applications for simulation and analysis of the PANDA electromagnetic calorimeter	CO	Justus-Liebig-Universität Giessen / II. Physikalisches Institut	Gießen	Germany
		Team 01	Institute of High Energy Physics (IHEP) / Department of Experimental Physics	Protvino, Moscow region	Russia
		Team 02	Ruhr Universität Bochum / Experimental Physics I Department	Bochum	Germany
		Team 03	Rijksuniversiteit Groningen / Kernfysisch Versneller Instituut	Groningen	The Netherlands
1000012-8861	Systematic studies of dilepton production in heavy-ion collisions at bombarding energies between 1 to 10 AGeV with the HADES detector	CO	Nuclear Physics Institute (ASCR) / Nuclear Spectroscopy Department	Rez	Czech Republic
		Team 01	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics II Department	Darmstadt	Germany
		Team 02	Institute of Nuclear Research, RAS / Experimental Physics Department	Moscow	Russia
		Team 03	Joint Institute for Nuclear Research (JINR) / Laboratory of High Energies	Dubna, Moscow Region	Russia
		Team 04	Universidade de Coimbra / Departamento de Física	Coimbra	Portugal
1000012-8863	Basic investigations towards an EBIS injector for the FLAIR low energy storage ring using the electron string technique based on field emission cathodes.	CO	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Department	Darmstadt	Germany
		Team 01	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Department	Darmstadt	Germany
		Team 02	Joint Institute for Nuclear Research (JINR) / Laboratory of High Energy (LHE)	Dubna, Moscow Region	Russia
		Team 03	Institute of Analytical Instrumentation RAS / Physics Department	St.Petersburg	Russia
		Team 04	Johann Wolfgang Goethe Universität / Fachbereich Physik	Frankfurt-am-Main	Germany
		Team 05	The Queen's University of Belfast / International Research Centre for Experimental Physics	Belfast	United Kingdom

**Collaborative Call for Research Project Proposals with GSI* 2006
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
1000012-8865	Research and development of new design superconducting NbTi wire with low AC losses intended for use in magnet systems of SIS100 and SIS300 synchrotrons of FAIR Accelerator Facility	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	University of Twente / Faculty of Science and Technology	Enschede	The Netherlands
		Team 02	Technische Universität Wien / Atomic Institute of the Austrian Universities	Wien	Austria
		Team 03	State Research Centre - Federal State Unitary Enterprise "A. A. Bochvar All-Russia Research Institute" / Technology and Materials Science Department	Moscow	Russia
		Team 04	Joint Institute for Nuclear Research (JINR) / Accelerator Nuclotron Department	Dubna, Moscow Region	Russia
1000012-8881	Atomic physics with new facilities at GSI.	CO	Technische Universität Dresden / Fakultät für Mathematik and Naturwissenschaften	Dresden	Germany
		Team 01	Université Pierre et Marie Curie Paris VI / Laboratoire Kastler Brossel	Paris	France
		Team 02	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Department	Darmstadt	Germany
		Team 03	St.Petersburg State University / Faculty of Physics	St.Petersburg	Russia
		Team 04	St.Petersburg Nuclear Physics Institute / Department of Theoretical Physics	Gatchina	Russia
1000012-8914	Development of a High-Resolution Electromagnetic Calorimeter for Heavy-Ion Collisions.	CO	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics I Department	Darmstadt	Germany
		Team 01	POLIMERSINTEZ / Heat-Resistant Polymers Department	Vladimir	Russia
		Team 02	Institute of Theoretical and Experimental Physics (ITEP) / High Energy Physics Department	Moscow	Russia
		Team 03	Institute of High Energy Physics (IHEP) / Department of Experimental Physics	Protvino, Moscow region	Russia
		Team 04	Research Institute for Particle and Nuclear Physics (KFKI) / Nuclear Physics Department	Budapest	Hungary
1000012-8956	Development of a gas-target setup for matter and antimatter collision studies with antiprotons and heavy highly charged ions at the HITRAP facility within the FAIR-Collaborations SPARC and FLAIR.	CO	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Department	Darmstadt	Germany
		Team 01	Jagiellonian University / Institute of Physics	Krakow	Poland
		Team 02	Khlopin Radium Institute / Department of Nuclear Physics	St.Petersburg	Russia

**Collaborative Call for Research Project Proposals with GSI* 2006
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
1000012-8972	Atomic Processes in Nanostructures Studied by Highly Charged Heavy Ions.	CO	Stockholm University / Physics Department	Stockholm	Sweden
		Team 01	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Department	Darmstadt	Germany
		Team 02	Moscow State University (MGU) / Institute of Nuclear Physics	Moscow	Russia
		Team 03	Ioffe Physical Technical Institute / Plasmaphysics and Atomic Physics Division	St.Petersburg	Russia
		Team 04	Rijksuniversiteit Groningen / Kernfysik Versneller Instituut (KVI)	Groningen	The Netherlands