

**Collaborative Call for Research Project Proposals with GSI* 2003
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
54-3543	Transport and acceleration of high intensity heavy ion beams in the GSI linear accelerator UNILAC	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	Institute of Theoretical and Experimental Physics (ITEP) / Linac	Moscow	Russia
		Team 02	Johann Wolfgang Goethe Universität / Institute of Applied Physics	Frankfurt-am-Main	Germany
		Team 03	Università di Bologna / Physics Department	Bologna	Italy
		Team 04	National Science Center "Kharkov Institute of Physics & Technology" / Division of Heavy Ion Linac	Kharkiv	Ukraine
54-3588	Experimental and Theoretical Study of Energy Deposition and Residual Activation Induced by Uranium Ions to Model the Beam Loss Hazards in the GSI Future Facility.	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	Institute of Theoretical and Experimental Physics (ITEP) / Dept. for High Energy Density in Matter Produced by Heavy Ion Beam	Moscow	Russia
		Team 02	Russian Federal Nuclear Center - All-Russia Scientific Research Institute for Experimental Physics (VNIIEF) / Theoretical Physics Department	Sarov, Nizhny Novgorod region	Russia
		Team 03	Institute of Nuclear Research, RAS / Neutron Research Department	Moscow	Russia
		Team 04	Slovak University of Technology of Bratislava / Department of Nuclear Physics and Technology	Bratislava	Slovakia
54-3604	Evaluation of the prerequisites for tests of fundamental interactions at the new GSI facility	CO	Technische Universität Dresden / Fakultät für Mathematik and Naturwissenschaften	Dresden	Germany
		Team 01	Université Pierre et Marie Curie Paris VI & CNRS / Laboratoire Kastler Brossel	Paris	France
		Team 02	Gesellschaft für Schwerionenforschung (GSI) / Atomic Physics Division	Darmstadt	Germany
		Team 03	St.Petersburg State University / Faculty of Physics	St.Petersburg	Russia
		Team 04	St.Petersburg Nuclear Physics Institute / Theoretical Department	Gatchina	Russia
		Team 05	Lebedev Physical Institute / Optical Division	Moscow	Russia
		Team 06	Moscow State University (MGU) / Faculty of Physics	Moscow	Russia
		Team 07	Institute of Applied Laser Physics / Theoretical Department	Tashkent	Uzbekistan
54-3710	Conceptual design study of the super conducting coils for the PANDA magnet system	CO	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics III Department	Darmstadt	Germany
		Team 01	University of Glasgow / Physics and Astronomy Department	Glasgow	United Kingdom
		Team 02	Jagiellonian University / Institute of Physics	Krakow	Poland
		Team 03	Joint Institute for Nuclear Research (JINR) / Nuclear Collision Physics Department	Dubna, Moscow Region	Russia
		Team 04	Russian Research Centre "Kurchatov Institute" / Institute of Superconductivity and Solid State Physics	Moscow	Russia

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54-3891	Development of the high rate RPC TOF detector for particle identification in the CBM experiment	CO	Ruprecht Karls Universität Heidelberg / Physikalisches Institut	Heidelberg	Germany
		Team 01	Institute of High Energy Physics (IHEP) / Neutrino Physics Department	Protvino, Moscow region	Russia
		Team 02	Laboratório de Instrumentação e Física Experimental de Partículas (LIP) / Departamento de Física	Coimbra	Portugal
		Team 03	Institute of Nuclear Research, RAS / Department of Experimental Physics	Moscow	Russia
		Team 04	Institute of Theoretical and Experimental Physics (ITEP) / Department of Experimental Nuclear Physics	Moscow	Russia
54-3931	Advanced Residual Gas Profile Monitor for High Current Synchrotrons and Cooler Rings	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	Institute of Theoretical and Experimental Physics (ITEP)	Moscow	Russia
		Team 02	Moscow State University (MGU) / Institute of Nuclear Physics	Moscow	Russia
		Team 03	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
		Team 04	Stockholm University / Manne Siegbahn Laboratory	Stockholm	Sweden
54-4169	Research, development and prototyping of fast gas detector with pad readout for the Compressed Baryonic Matter Experiment	CO	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics I Department	Darmstadt	Germany
		Team 01	National Center of Particle and High Energy Physics / Electronics Department	Minsk	Belarus
		Team 02	Joint Institute for Nuclear Research (JINR) / Laboratory of High Energies (LHE)	Dubna, Moscow Region	Russia
		Team 03	Istituto Nazionale di Fisica Nucleare (INFN) / Laboratori Nucleare di Frascati	Frascati	Italy
54-4254	Investigation of High-Energy-Density Matter Generated by Intense Heavy Ion Beams at the GSI-Darmstadt Accelerator Facilities.	CO	Gesellschaft für Schwerionenforschung (GSI) / Plasmaphysics Department	Darmstadt	Germany
		Team 01	Johann Wolfgang Goethe Universität / Institut für Theoretische Physik	Frankfurt-am-Main	Germany
		Team 02	Technische Universität Darmstadt / Institut für Kernphysik	Darmstadt	Germany
		Team 03	Institute of Problems in Chemical Physics / Extreme States of Matter Department	Chernogolovka, Moscow Region	Russia
		Team 04	Institute of High Temperatures of RAS (IVTAN) / High Energy Density Research Center	Moscow	Russia
		Team 05	Universidad de Castilla la Mancha / E.T.S. Ingenieros Industriales	Ciudad Real	Spain
		Team 06	Universidad Politécnica de Valencia / Institute of Applied Mathematics	Valencia	Spain
		Team 07	Russian Federal Nuclear Center - All-Russia Scientific Research Institute for Experimental Physics (VNIIEF) / Department of High Explosives	Sarov, Nizhnii Novgorod region	Russia

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54-4294	Electromagnetic Processes in the Peripheral Collisions of Relativistic and Ultrarelativistic Heavy Ions	CO	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
		Team 01	The Queen's University of Belfast / Applied Mathematics & Theoretical Physics	Belfast	United Kingdom
		Team 02	Heat Physics Department / Perspective Studies Laboratory	Tashkent	Uzbekistan
		Team 03	Pomor State University / Physics Department	Arkhangelsk	Russia
54-4964	Research and development of Novel-Cable-In- Conduit Conductors (N-CICC) for use in the fast ramping (4 T/s) SIS-100 dipoles of the new GSI International Accelerator Facility for Beams of Ions and Antiprotons	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	All-Russia Scientific Research and Development Cable Institute (JSC "VNIKIP") / Division 12	Moscow	Russia
		Team 02	CERN / AT-MTM-AS	Geneva	Switzerland
		Team 03	Institute of Electrophysical Apparata - STC "SINTEZ" / Superconducting Magnet System Department	St.Petersburg	Russia
54-5119	Design and construction of a prototype of a Transition Radiation Detector for the Compressed Baryonic Matter Experiment at GSI Darmstadt	CO	Forschungszentrum Rossendorf / Institut für Kern- und Hadronenphysik	Dresden	Germany
		Team 01	Lebedev Physical Institute / Department for Nuclear Physics and Astronomy	Moscow	Russia
		Team 02	St.Petersburg Nuclear Physics Institute / Department for High Energy Physics	Gatchina	Russia
		Team 03	Joint Institute for Nuclear Research (JINR) / Institute of Particle Physics	Dubna, Moscow Region	Russia
		Team 04	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
		Team 05	Warsaw University of Technology / Department for Radioelectronics	Warsaw	Poland
54-5584	Advanced Beam Dynamics for Storage Rings	CO	Gesellschaft für Schwerionenforschung (GSI) / Accelerator Department	Darmstadt	Germany
		Team 01	Institute of Theoretical and Experimental Physics (ITEP) / Accelerator Division	Moscow	Russia
		Team 02	Joint Institute for Nuclear Research (JINR) / Accelerator Division	Dubna, Moscow Region	Russia
		Team 03	Forschungszentrum Jülich / Institut für Kernphysik	Jülich	Germany
		Team 04	Uppsala University / The Svedberg Laboratory (TSL)	Uppsala	Sweden
		Team 05	Taras Shevchenko National University of Kiev / Department of Nuclear Physics	Kyiv	Ukraine
		Team 06	Technische Universität Darmstadt / Institut Theorie Elektromagnetischer Felder (TEMF)	Darmstadt	Germany

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ID-Id	Title	Role	Institution	City	Country
54-6272	Design of the "shashlik" calorimeter system for the CBM experiment	CO	Gesellschaft für Schwerionenforschung (GSI) / GfW	Darmstadt	Germany
		Team 01	POLIMERSINTEZ / Heat-Resistant Polymers Department	Vladimir	Russia
		Team 02	Jagiellonian University / M. Smoluchowski Institute of Physics	Krakow	Poland
		Team 03	Institute of Theoretical and Experimental Physics (ITEP) / High Energy Physics	Moscow	Russia
54-6348	Ion Beam and Laser Driven Plasmas. Spectroscopy and Investigation of "Clear" Thermonuclear Reactions	CO	Gesellschaft für Schwerionenforschung (GSI) / Plasmaphysics Department	Darmstadt	Germany
		Team 01	Université de Provence Aix-Marseille I & CNRS / Physique des interactions ioniques et moléculaires (PIIM)	Marseille	France
		Team 02	Institute of Spectroscopy / Department of Atomic Spectroscopy	Troitsk, Moscow Region	Russia
		Team 03	Russian Research Centre "Kurchatov Institute" / Institute of Nuclear Fusion	Moscow	Russia
54-6545	Electron-Ion Scattering in a Storage Ring (eA collider) - ELISE	CO	Gesellschaft für Schwerionenforschung (GSI) / Nuclear Physics II Department	Darmstadt	Germany
		Team 01	Universidad Complutense de Madrid / Departamento de Física Atomica y Nuclear	Madrid	Spain
		Team 02	Chalmers University of Technology / Department of Physics	Göteborg	Sweden
		Team 03	Kerfysisch Versneller Instituut / Nuclear and Astrophysics Department	Groningen	The Netherlands
		Team 04	Russian Research Centre "Kurchatov Institute" / Institute of General and Nuclear Physics	Moscow	Russia
		Team 05	Institute of Physics and Power Engineering / Department of Nuclear Physics	Obninsk, Kaluga Region	Russia
		Team 06	Institute of Nuclear Research, RAS / Photonuclear Laboratory	Moscow	Russia
		Team 07	Joint Institute for Nuclear Research (JINR) / Flerov Laboratory of Nuclear Reactions	Dubna, Moscow Region	Russia