

**Collaborative Call for Young Scientists Fellowships with CERN 2005
Awarded Fellowship Grants**

ID	Type	Name of Grantee	Project Title	Home Institution in EECA	Host Institution in INTAS Country
5016	PhD	Asryan, Angei Gevorkovich	Long-Range Correlations in Parton String Model, application to analysis of experimental data and predictions for ALICE at the LHC.	Saint Petersburg State University, Saint Petersburg, Russia	CERN, PH/AIP Department, Switzerland
5028	PhD	Belotelov, Ivan Ivanovich	Study of dimuon production at the TeV energy scale within the Standard Model and beyond with CMS detector at LHC: Monte Carlo simulation, estimation of CMS detector performance and development of reconstruction algorithms.	Joint Institute for Nuclear Research , Dubna, Russia	DESY and CERN/CMS, EP Division, Switzerland
5029	PhD	Ivashin, Anton	Methods of quantum numbers determination for objects which can be observed at ATLAS experiment	Institute for High Energy Physics (IHEP), Protvino, Moscow region, Russia	CERN, Physics Department, Switzerland
5031	PhD	Kolevatov, Rodion Sergeevich	Jets and correlations in multiparticle production at high energies	St Petersburg State University, V.A. Fock Institute of Physics, St Petersburg, Russia	CERN, Physics Department, Switzerland
5079	PhD	Mazurov, Alexander	Enhancements of Gaudi configuration and interactive abilities. Participation in the development of core software for LHCb experiment, namely software framework called Gaudi.	Institute for Nuclear Research, Moscow, Russia	CERN, Physics Department, Switzerland
5117	PostDoc	Berejnoi, Aleksandr Viktorovich	Study of heavy quarkonia pair production and doubly heavy baryons with ATLAS detector at LHC. Study of the production of four heavy quarks with ATLAS detector at LHC. Re-tuning Pythia parameters for B-physics in ATLAS conditions.	Moscow State University, D.V.Skobeltzyn Institute of Nuclear Physics, Moscow, Russia	CERN , Experimental Physics Department, Switzerland
5152	PostDoc	Bulekov, Oleg Vladimirovich	Search of leptonic decay modes of charged Higgs bosons at ATLAS.	Moscow Engineering Physics Institute, Moscow, Russia	CERN, Physics Department, Switzerland
5263	PhD	Irina, Natalia Viacheslavovna	Reconstruction and selection of qqWW events at CMS.	A. I. Alikhanov Institute for Theoretical and Experimental Physics (ITEP), Moscow, Russia	CERN, CMS Department, Switzerland
5274	PhD	Soukharev, Andrei Mikhailovich	Development of simulation of ATLAS e/m endcap calorimeter.	Budker Institute of Nuclear Physics, Novosibirsk, Russia	Centre National de la Recherche Scientifique (CNRS), IN2P3 et Université de la Méditerranée (CPPM), France
5310	PhD	Kazantsev, Andrey Vladimirovich	Investigation and enhancing performance of the PHOS calorimeter in the ALICE experiment at LHC	Russian Research Center "Kurchatov Institute", Moscow, Russia	University of Bergen, Physics and Technology Department, Norway
5314	PhD	Morozov, Alexei Gennad'evich	Reconstruction of $K^*\gamma$ radiative penguin decay at LHCb. Development of electromagnetic calorimeter calibration strategies. Installation tests of LED based monitoring system.	A. I. Alikhanov Institute for Theoretical and Experimental Physics (ITEP), Moscow, Russia	Imperial College London, Physics Department, United Kingdom

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5329	PhD	Shcherbakov, Alexey Anatolevich	Higgs search through the decay $H \rightarrow ZZ^* \rightarrow 4$ muons with the ATLAS detector	Joint Institute for Nuclear Research, Dubna, Moscow region, Russia	European Organisation for Nuclear Research (CERN), PH Department, Switzerland
5345	PostDoc	Bogdanov, Aleksei Aleksandrovich	START detector for the ALICE experiment at CERN, LHC	Moscow Engineering Physics Institute (MEPhI), Moscow, Russia	CERN , Experimental Physics Department, Switzerland
5347	PostDoc	Timoshenko, Sergey Leonidovich	Particle production in ultraperipheral heavy ion collisions at ATLAS	Moscow Engineering Physics Institute (MEPhI), Moscow, Russia	CERN, Physics (PH) Department, Switzerland
5383	PhD	Starovoitov, Pavel Mikhailovich	Search for New Physics via Jet and Electron Production Cross-section Measurements at LHC	National Centre for Particle and High Energy Physics, Minsk, Belarus	CERN, Experimental Physics Department, Switzerland
5386	PhD	Zaborov, Dmitry Nikolaevich	Search for Higgs boson production in diffractive process at CMS	A. I. Alikhanov Institute for Theoretical and Experimental Physics (ITEP), Moscow, Russia	CERN, Physics Department, Switzerland
5389	PostDoc	Poghosyan, Martin Gurgen	Study of baryon production in pp collisions at LHC energies using the ALICE detector, with emphasis on strange baryons	Yerevan Physics Institute, Yerevan, Armenia	CERN, Physics Department, Switzerland
5428	PhD	Marfin, Igor Borisovich	Study of anomalous quartic gauge boson couplings(AQGC) and precision calculations for SM processes at LHC collider. Development of the program for analytical and numerical high accuracy calculations of AQGC effects including radiative corrections and its	National Center for Particle and High Energy Physics, Minsk, Belarus	CERN , Experimental Physics Department, Switzerland
5429	PhD	Makarenko, Vladimir Vladimirovich	Precision calculations for anomalous quartic boson couplings study and related background processes at LHC collider. Development of the ALHEP symbolic algebra program for radiative corrections computation and its integration into the LHC computing model.	National Centre for Particle and High Energy Physics, Minsk, Belarus	CERN, Experimental Physics Department, Switzerland
5475	PostDoc	Petrushanko, Sergey Vladimirovich	Absolute Jet Energy Scale and Jet Energy Calibration in CMS detector	Moscow State University, D.V.Skobeltzyn Institute of Nuclear Physics, Moscow, Russia	CERN, Physics Department, Switzerland
5481	PostDoc	Ryutin, Roman	Study of double diffractive physics at the LHC with CMS plus TOTEM	Institute for High Energy Physics (IHEP), Protvino, Russia	Centre National de la Recherche Scientifique (CNRS), IN2P3, Université de Savoie-Chambéry, France
5508	PhD	Nesterov, Stanislav Yurievich	ATLAS TRT Data Acquisition Software, Monitoring and Analysis Tool development	St Petersburg Nuclear Physics Institute, Gatchina, Russia	CERN, Physics Department, Switzerland