

## LIST OF PARTICIPANTS

Hosam **AHMED SAAID AWAD**  
 Physics department, faculty of science  
 Menoufiya University  
 Gamal Abdel Nasser St. P.O. Box  
 32511 Shebin Al-Kom, Menoufia  
 EGYPT  
[HOSAMSSLA@yahoo.com](mailto:HOSAMSSLA@yahoo.com)

Vladimir **ANDRIANOV**  
 St. Petersburg State University  
 St. Petersburg  
 RUSSIA  
[andrianov1947@gmail.com](mailto:andrianov1947@gmail.com)

Gilles **BAN**  
*LPC-Caen, ENSICAEN,*  
 Université de Caen,  
*CNRS/IN2P3*  
*14550 Caen*  
 FRANCE  
[ban@lpccaen.in2p3.fr](mailto:ban@lpccaen.in2p3.fr)

Dmitrij **BARANOV**  
 142284, str. Druzhby- 4  
 Protvino, Moscow region  
 RUSSIA  
[baranovd@rambler.ru](mailto:baranovd@rambler.ru)

Robert **BARK**  
 iThemba LABS, National Research  
 Foundation,  
 Box 2600  
 PRETORIA 0001  
 SOUTH AFRICA  
[bark@tlabs.ac.za](mailto:bark@tlabs.ac.za)

Daniel **BAZIN**  
 NSCL - Cyclotron Laboratory  
 East Shaw Lane  
 Michigan State University  
 East Lansing, MI 48824-1321  
 USA  
[bazin@nscl.msu.edu](mailto:bazin@nscl.msu.edu)

Zdislaw **BLASZCZAK**  
 Adam Mickiewicz University  
 Poznań, 61-614,  
 POLAND  
[zetbe@amu.edu.pl](mailto:zetbe@amu.edu.pl)

Michael **BLOCK**  
 GSI Helmholtzzentrum für  
 Schwerionenforschung GmbH  
 Planckstraße 1  
 64291 Darmstadt  
 GERMANY  
[m.block@gsi.de](mailto:m.block@gsi.de)

Georg **BOLLEN**  
 National Superconducting Cyclotron  
 Laboratory  
 Michigan State University  
 640 S. Shaw Lane,  
 East Lansing, Michigan 48824-1321  
 USA  
[bollen@nscl.msu.edu](mailto:bollen@nscl.msu.edu)

Catalin **BORCEA**  
 Horia Hulubei National Institute for  
 Physics and Nuclear Engineering, Str.  
 Reactorului -30 P.O.BOX MG-6,  
 Bucharest-Magurele  
 ROMANIA  
[borcea@nipne.ro](mailto:borcea@nipne.ro)

Raphael **CHEVRIER**  
 CEA, DAM Île-de-France  
 Bruyères-le-Châtel  
 F-91297 Arpajon Cedex  
 FRANCE  
[raphael.chevrier@cea.fr](mailto:raphael.chevrier@cea.fr)

Grigory **CHUBARIAN**  
 Texas A&M University, Cyclotron  
 Institute  
 College Station, TX 77843  
 USA  
[gchubar@tamu.edu](mailto:gchubar@tamu.edu)

Vratislav **CHUDOBA**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[chudoba@jinr.ru](mailto:chudoba@jinr.ru)

Francois **DE OLIVEIRA SANTOS**  
Grand Accélérateur National d'Ions  
Lourds Bd Henri Becquerel  
BP 55027 - 14076 CAEN Cedex 05  
FRANCE  
[francois.oliveira@ganil.fr](mailto:francois.oliveira@ganil.fr)

Alla **DEMYANOVA**  
National Research Centre Kurchatov  
Institute., Moscow, 123182  
RUSSIA  
[a.s.demyanova@bk.ru](mailto:a.s.demyanova@bk.ru)

Sergey **DMITRIEV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[dmitriev@jinr.ru](mailto:dmitriev@jinr.ru)

Sergey **ELISEEV**  
Max Planck Institute for Nuclear  
Physics  
P.O. Box 10 39 80  
69029 Heidelberg  
GERMANY  
[sergey.eliseev@mpi-hd.mpg.de](mailto:sergey.eliseev@mpi-hd.mpg.de)

Hideto **EN'YO**  
RIKEN Nishina Center for  
Accelerator-Based Science  
2-1 Hirosawa, Wako, Saitama 3510198  
JAPAN  
[enyo@riken.jp](mailto:enyo@riken.jp)

Heinz **GÄGGELER**  
Paul Scherrer Institut,  
5232 Villigen PSI  
SWITZERLAND  
[heinz.gaeggeler@psi.ch](mailto:heinz.gaeggeler@psi.ch)

Sydney **GALES**  
Institut de Physique Nucléaire  
15 rue Georges Clémenceau  
91406 - ORSAY Cedex  
FRANCE  
[gales@in2p3.fr](mailto:gales@in2p3.fr)

Benoit **GALL**  
Institut Pluridisciplinaire Hubert  
Curien, UMR7178, F-67037  
Strasbourg  
FRANCE  
[benoit.gall@iphc.cnrs.fr](mailto:benoit.gall@iphc.cnrs.fr)

Hans **GEISSEL**  
GSI Helmholtzzentrum für  
Schwerionenforschung GmbH  
Planckstraße 1  
64291 Darmstadt  
GERMANY  
[H.Geissel@gsi.de](mailto:H.Geissel@gsi.de)

Georgi **GEORGIEV**  
CSNSM, Université Paris-Sud,  
Bât. 300 - 91405 Orsay cedex  
FRANCE  
[Georgi.Georgiev@csnsm.in2p3.fr](mailto:Georgi.Georgiev@csnsm.in2p3.fr)

Walter **GREINER**  
Frankfurt Institute for Advanced  
Studies, Johann Wolfgang Goethe  
University  
Ruth-Moufang-Str. 1  
60438 Frankfurt am Main  
GERMANY  
[greiner@fias.uni-frankfurt.de](mailto:greiner@fias.uni-frankfurt.de)

Stéphane **GRÉVY**  
 Grand Accélérateur National d'Ions  
 Lourds Bd Henri Becquerel  
 BP 55027 - 14076 CAEN Cedex 05  
 FRANCE  
[grevy@ganil.fr](mailto:grevy@ganil.fr)

Konstantin **GRIDNEV**  
 Saint Petersburg state university  
 7-9, Universitetskaya nab.  
 St. Petersburg, 199034  
 RUSSIA  
[kgridnev@yahoo.com](mailto:kgridnev@yahoo.com)

Leonid **GRIGORENKO**  
 Flerov Laboratory of Nuclear  
 Reactions  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[Lgrigorenko@vandex.ru](mailto:Lgrigorenko@vandex.ru)

Joseph **HAMILTON**  
 Department of Physics and Astronomy,  
 Vanderbilt University  
 6301 Stevenson Center  
 VU Station B #351807  
 Nashville, TN 37235  
 USA  
[j.h.hamilton@vanderbilt.edu](mailto:j.h.hamilton@vanderbilt.edu)

Andrey **ISAEV**  
 Flerov Laboratory of Nuclear  
 Reactions  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[isaev@jinr.ru](mailto:isaev@jinr.ru)

Mikhail **ITKIS**  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[itkis@jinr.ru](mailto:itkis@jinr.ru)

Vladimir **IVANSHIN**  
 Flerov Laboratory of Nuclear  
 Reactions  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[ivanshin@jinr.ru](mailto:ivanshin@jinr.ru)

Naohito **IWASA**  
 Tohoku University  
 2-1-1 Katahira, Aoba-ku  
 Sendai, 980-8577  
 JAPAN  
[niwasa@phys.tohoku.ac.jp](mailto:niwasa@phys.tohoku.ac.jp)

Yoritaka **IWATA**  
 GSI Helmholtzzentrum für  
 Schwerionenforschung GmbH  
 Planckstraße 1, 64291 Darmstadt  
 GERMANY  
[y.iwata@gsi.de](mailto:y.iwata@gsi.de)

Rostislav **JOLOS**  
 Bogoliubov Laboratory of Theoretical  
 Physics  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[jolos@theor.jinr.ru](mailto:jolos@theor.jinr.ru)

Dmitry **KAMANIN**  
 Flerov Laboratory of Nuclear  
 Reactions  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[kamanin@jinr.ru](mailto:kamanin@jinr.ru)

Grzegorz **KAMIŃSKI**  
 Flerov Laboratory of Nuclear  
 Reactions  
 Joint Institute for Nuclear Research  
 141980 Dubna, Moscow region  
 RUSSIA  
[Grzegorz.Kaminski@ifj.edu.pl](mailto:Grzegorz.Kaminski@ifj.edu.pl)

Sarkis **KARAMIAN**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[karamian@fnr.jinr.ru](mailto:karamian@fnr.jinr.ru)

Galina **KNYAZHEVA**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[karamian@fnr.jinr.ru](mailto:karamian@fnr.jinr.ru)

Olga **KOROTCHIK**  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[korotchik@jinr.ru](mailto:korotchik@jinr.ru)

Eduard **KOZULIN**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[kozulin@jinr.ru](mailto:kozulin@jinr.ru)

Lubos **KRUPA**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[krupa@nrmil.jinr.ru](mailto:krupa@nrmil.jinr.ru)

Toshiyuki **KUBO**  
RIKEN Nishina Center for  
Accelerator-Based Science  
2-1 Hirosawa, Wako, Saitama 3510198  
JAPAN  
[kubo@ribf.riken.jp](mailto:kubo@ribf.riken.jp)

Evgenia **KUTEINIKOVA**  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[kuteinikova@jinr.ru](mailto:kuteinikova@jinr.ru)

Kairat **KUTERBEKOV**  
L.N.Gumilyov Eurasian National  
University  
5 Munitpasov Street 010008 Astana  
KAZAKHSTAN  
[kkuterbekov@gmail.com](mailto:kkuterbekov@gmail.com)

Elena **KUZNETSOVA**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[kuzena@jinr.ru](mailto:kuzena@jinr.ru)

Marek **LEWITOWICZ**  
Grand Accélérateur National d'Ions  
Lourds Bd Henri Becquerel  
BP 55027 - 14076 CAEN Cedex 05  
FRANCE  
[lewitowicz@ganil.fr](mailto:lewitowicz@ganil.fr)

Giuseppe **LORUSSO**  
RIKEN Nishina Center for  
Accelerator-Based Science  
2-1 Hirosawa, Wako, Saitama 3510198  
JAPAN  
[lorusso@ribf.riken.jp](mailto:lorusso@ribf.riken.jp)

Sergey **LUKYANOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[lukyan@nrmil.jinr.ru](mailto:lukyan@nrmil.jinr.ru)

Konstantin **LUKYANOV**  
Laboratory of Information  
Technologies  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[luky@jinr.ru](mailto:luky@jinr.ru)

Adam **MAJ**  
Instytut Fizyki Jądrowej PAN  
ul. Radzikowskiego 152  
31-342 Kraków  
POLAND  
[Adam.Maj@ifj.edu.pl](mailto:Adam.Maj@ifj.edu.pl)

Alexander **MALAKHOV**  
Veksler and Baldin  
Laboratory of high energy physics  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[malakhov@ihe.jinr.ru](mailto:malakhov@ihe.jinr.ru)

Vladimir **MASLOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[maslov\\_vova@mail.ru](mailto:maslov_vova@mail.ru)

Victor **MATVEEV**  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[director@jinr.ru](mailto:director@jinr.ru)

Sascha **MICKAT**  
GSI Helmholtzzentrum für  
Schwerionenforschung GmbH  
Planckstraße 1  
64291 Darmstadt  
GERMANY  
[S.Mickat@gsi.de](mailto:S.Mickat@gsi.de)

Semen **MITROFANOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[mitrofanov@nrmil.jinr.ru](mailto:mitrofanov@nrmil.jinr.ru)

Evgeny **MOLCHANOV**  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[molchanov@jinr.ru](mailto:molchanov@jinr.ru)

Kosuke **MORITA**  
RIKEN Nishina Center for  
Accelerator-Based Science  
2-1 Hirosawa, Wako, Saitama 3510198  
JAPAN  
[morita@ribf.riken.jp](mailto:morita@ribf.riken.jp)

Jaromir **MRAZEK**  
Nuclear Physics Institute ASCR  
25068, Rez,  
CZECH REPUBLIC  
[mrazek@ujf.cas.cz](mailto:mrazek@ujf.cas.cz)

Simon **MULLINS**  
iThemba LABS, National Research  
Foundation,  
Box 2600  
PRETORIA 0001  
SOUTH AFRICA  
[smm@flabs.ac.za](mailto:smm@flabs.ac.za)

Shunji **NISHIMURA**  
RIKEN Nishina Center for  
Accelerator-Based Science  
2-1 Hirosawa, Wako, Saitama 3510198  
JAPAN  
[nishimu@riken.jp](mailto:nishimu@riken.jp)

Kirill **NOVIKOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[kiryuha-ya@mail.ru](mailto:kiryuha-ya@mail.ru)

Yuri **OGANESSIAN**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[ognessian@jinr.ru](mailto:ognessian@jinr.ru)

Janne **PAKARINEN**  
Department of Physics  
University of Jyväskylä  
P.O. Box 35 (Y5) FIN-40351  
Jyväskylä  
FINLAND  
[janne.pakarinen@ju.fi](mailto:janne.pakarinen@ju.fi)

Concetta **PARASCANDOLO**  
Dipartimento di Fisica Università di  
Padova & INFN Padova, Via F.  
Marzolo 8, I-35131 Padova  
ITALY  
[concetta.parascandolo@pd.infn.it](mailto:concetta.parascandolo@pd.infn.it)

Yuri **PENIONZHKEVICH**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[pyuer@nrmil.jinr.ru](mailto:pyuer@nrmil.jinr.ru)

Yuri **PYATKOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[yvp\\_nov@mail.ru](mailto:yvp_nov@mail.ru)

Zhongzhou **REN**  
Department of Physics, Nanjing  
University, Nanjing 210093  
CHINA  
[zren@nju.edu.cn](mailto:zren@nju.edu.cn)

Boris **REZNIK**  
Far Eastern Federal University  
900091 Sukhanova Str. 8  
Vladivostok  
RUSSIA  
[reznik@dvgu.ru](mailto:reznik@dvgu.ru)

Alexandr **RODIN**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[rodin@nrmil.jinr.ru](mailto:rodin@nrmil.jinr.ru)

Roman **SAGAIK**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[sagaidak@nrmil.jinr.ru](mailto:sagaidak@nrmil.jinr.ru)

Vyacheslav **SAMARIN**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[samarin@jinr.ru](mailto:samarin@jinr.ru)

Herve **SAVAJOLS**  
Grand Accélérateur National d'Ions  
 Lourds Bd Henri Becquerel  
BP 55027 - 14076 CAEN Cedex 05  
FRANCE  
[savajols@ganil.fr](mailto:savajols@ganil.fr)

Christoph **SCHEIDENBERGER**  
GSI Helmholtzzentrum für  
Schwerionenforschung GmbH  
Planckstraße 1, 64291 Darmstadt  
GERMANY  
[C.Scheidenberger@gsi.de](mailto:C.Scheidenberger@gsi.de)

Yuri **SEREDA**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[sereda@jinr.ru](mailto:sereda@jinr.ru)

Valentin **SERGIENKO**  
RAS Far Eastern Branch  
690950, 50 Svetlanskaya Str.  
Vladivostok  
RUSSIA  
[sergienko@hq.febras.ru](mailto:sergienko@hq.febras.ru)

Bradley **SHERRILL**  
Facility for Rare Isotope Beams  
Michigan State University  
East Lansing, MI 48824-1321  
USA  
[sherrill@frib.msu.edu](mailto:sherrill@frib.msu.edu)

Susumu **SHIMOURA**  
Center for Nuclear Study  
University of Tokyo, 2-1 Hirosawa  
Wako Saitama 351-0198  
JAPAN  
[shimoura@cns.s.u-tokyo.ac.jp](mailto:shimoura@cns.s.u-tokyo.ac.jp)

Sergey **SIDORCHUK**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[sid@nrmmail.jinr.ru](mailto:sid@nrmmail.jinr.ru)

Roman **SLEPNEV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[roman@nrmmail.jinr.ru](mailto:roman@nrmmail.jinr.ru)

Yuri **SOBOLEV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[sobolev@nrmmail.jinr.ru](mailto:sobolev@nrmmail.jinr.ru)

Mihai **STANOIU**  
Horia Hulubei National Institute for  
Physics and Nuclear Engineering, Str.  
Reactorului -30 P.O.BOX MG-6,  
Bucharest-Magurele  
ROMANIA  
[mstanoiu@tandem.nipne.ro](mailto:mstanoiu@tandem.nipne.ro)

Mark A. **STOYER**  
Lawrence Livermore National  
Laboratory 7000 East Avenue  
Livermore, CA 94550  
USA  
[stoyer1@llnl.gov](mailto:stoyer1@llnl.gov)

Alexander **SVIRIKHIN**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[asvirikhin@jinr.ru](mailto:asvirikhin@jinr.ru)

Oleg **TARASOV**  
National Superconducting Cyclotron  
Laboratory, Michigan State University  
East Lansing, Michigan 48824  
USA  
[tarasov@nscl.msu.edu](mailto:tarasov@nscl.msu.edu)

Michael **TAYLOR**  
Schuster Laboratory, University of  
Manchester, Manchester, M13 9PL  
UK  
[m.j.taylor@manchester.ac.uk](mailto:m.j.taylor@manchester.ac.uk)

Dmitry **TESTOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[dumon@nrmil.jinr.ru](mailto:dumon@nrmil.jinr.ru)

Grigory **TRUBNIKOV**  
Veksler and Baldin  
Laboratory of high energy physics  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[trubnikov@jinr.ru](mailto:trubnikov@jinr.ru)

Wladyslaw **TRZASKA**  
Department of Physics  
University of Jyväskylä  
P.O. Box 35 (Y5) FIN-40351  
Jyväskylä  
FINLAND  
[wladyslaw.h.trzaska@jyu.fi](mailto:wladyslaw.h.trzaska@jyu.fi)

Tomohiro **UESAKA**  
RIKEN Nishina Center for  
Accelerator-Based Science  
2-1 Hirosawa, Wako, Saitama 3510198  
JAPAN  
[uesaka@cns.s.u-tokyo.ac.jp](mailto:uesaka@cns.s.u-tokyo.ac.jp)

Zebulon **VILAKAZI**  
iThemba LABS, National Research  
Foundation,  
Box 2600  
PRETORIA 0001  
SOUTH AFRICA  
[director@tlabs.ac.za](mailto:director@tlabs.ac.za)

Victor **VORONOV**  
Bogoliubov Laboratory of Theoretical  
Physics  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[voronov@theor.jinr.ru](mailto:voronov@theor.jinr.ru)

Shuo **WANG**  
Research Center for Electron Photo  
Science, Tohoku University2-1-1  
Katahira, Aoba-ku  
Sendai, 980-8577  
JAPAN  
[wshou@riken.jp](mailto:wshou@riken.jp)

Hans-Jürgen **WOLLERSHEIM**  
GSI Helmholtzzentrum für  
Schwerionenforschung GmbH  
Planckstraße 1  
64291 Darmstadt  
GERMANY  
[H.J.Wollersheim@gsi.de](mailto:H.J.Wollersheim@gsi.de)

Roman **WOLSKI**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[wolski@nrmil.jinr.ru](mailto:wolski@nrmil.jinr.ru)

Haibo **YOU**  
School of Physics and State Key  
Laboratory of Nuclear Physics and  
Technology, Peking University  
Beijing 100871  
CHINA  
[hbyoupk@gmail.com](mailto:hbyoupk@gmail.com)

Sergey **ZEMLYANOV**  
Flerov Laboratory of Nuclear  
Reactions  
Joint Institute for Nuclear Research  
141980 Dubna, Moscow region  
RUSSIA  
[zemlya@jinr.ru](mailto:zemlya@jinr.ru)