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**Dedicated to 60th Anniversary for the Joint Institute for Nuclear Research,
Dubna Ulaanbaatar 2016**

Papers were selected by the conference committees to be presented in the oral and poster sessions. Keynote speech and some papers which had not obtained new results yet were published by presentation style.

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TABLE OF CONTENTS

Preface	7
Committees	8

PRESENTATIONS FOR JINR-DAYS ACTIVITY

The JINR research activities

V.A.Matveev	10
Development of elementary particle and relative nuclear physics in Mongolia	
Ts.Baatar	44
Collaboration of Mongolia with JINR: Past and present (Nuclear Physics Research)	
G.Khuukhenkhuu	50

SESSION – I: EXPERIMENTAL AND THEORETICAL NUCLEAR PHYSICS

Opening speech:

About the next seven-year plan for the development of JINR (2017-2023)

N.A.Russakovich	59
-----------------------	----

Keynote speech “JINR today and tomorrow”

N.A.Russakovich	72
-----------------------	----

Finite quantum electrodynamics

Kh.Namsrai, B.Munkhzaya, M.Purevkhuu	2
--	---

Construction of irreducible bases for rotation and vibration nuclear motions with point symmetries

A.A.Gusev, S.I.Vinitsky, O.Chuluunbaatar, A. G, A.Dobrowolski, A.Szulerecka	109
---	-----

Meson spectrum, decay constants and widths, exotic glueball mass and effective strong coupling within infrared confinement approach

G.Ganbold	120
-----------------	-----

New development of the JINR educational program

S.Z.Pakulyak	132
--------------------	-----

Light nuclei far from the stability valley. Experimental studies in Dubna

S.I.Sidorchuk	151
---------------------	-----

Production and study of neutron rich heavy nuclei

S.Zemlyanoy, V.Zagrebaev, E.Kozulin, Yu.Kudryavtsev, V.Fedosseev, R.Bark, Z. Janas, P.Zuzaan	163
---	-----

Search for multibody decays of low excited heavy nuclei

D.V.Kamanin, Yu.V.Pyatkov, A.A.Alexandrov, I.A.Alexandrova, N.Mkaza, N.A.Kondratiev, E.A.Kuznetsova, V.Malaza, G.V.Mishinsky, V.N.Shvetsov, A.O.Strekalovsky, O.V.Strekalovsky, V.E.Zhuchko	169
---	-----

Total nuclear reaction cross sections measurement

- B.Erdemchimeg, A.G.Artukh, S.Davaa, S.A.Klygin, G.A.Kononenko,
G.Khuukhenkhuu, S.M.Lukyanov, T.I.Mikhailova, Yu.M.Sereda,
Yu.E.Penionzhkevich, A.N.Vorontzov 181

Spectrometer of charged particles on the EG-5 FLNP, JINR

- Yu.M.Gledenov, L.Krupa, E.Sansarbayar, I.A.Chuprakov. 187

Modeling of the total reflectometry experiment using a kinematic approximation in combination with the finite element method

- A.V.Belushkin, S.A.Manoshin, V.S.Rikhvitsky 194

The continuum discretized coupled channels method to nucleon-induced reactions on^{6,7} Li

- D.Ichinkhorloo, M.Aikawa, S.Chiba, Y.Hirabayashi, K.Katō. 209

The Development of Distributed computing and Big Data at JINR

- V.V.Korenkov. 218

Design and development of conservative difference schemes for solving equations of motion of molecular dynamics

- B.Batgerel, E.G.Nikonov, I.V.Puzynin 240

Problem-oriented complex programs for solving boundary-value problems of the dynamics of few-body quantum systems

- O.Chuluunbaatar, A.A.Gusev, S.I.Vinitsky, V.P.Gerdt, V.L.Derbov. 247

SESSION – II: RADIATION BIOLOGY**The Geant4-DNA project**

- S.Incerti. 256

Space radiation risk to the central nervous system: from neurochemistry to behavior

- O.V.Belov. 286

Effectiveness of image improvement method for image correction on soft X-ray projection microscopy

- J.Erdenetogtokh, Sh.Tatsuo, K.Kenichi, I.Atsumi, K.Yasuhito. 300

Induction and analysis of V79 HPRT mutants after exposure to radiation of different LET

- I.V.Koshlan, N.A.Koshlan, P.Bláha, R.D.Govorun,
D.V.Elsha, J.V.Bogdanova, E.A.Krasavin. 305

Radiation effects in the central nervous system:**Simulation technique and practical applications**

- M.Batmunkh, O.V.Belov, L.Bayarchimeg, O.Lkhagva. 317

Simulation techniques in radiation biology:**Latest results of the JINR-Mongolia cooperation**

- O.V.Belov 324

New perspectives of cooperation in radiobiology and nuclear medicine

- O.Lkhagva, M.Batmunkh, L.Lkhagvasuren. 342

Overview of rescue activity after the bombing in**Nagasaki and database for atomic bomb survivors**

M.Mariko. 300

Bio-monitoring and chromosome damage investigationZ.Lhamjav, L.Lhagvasuren, O.Lkhagva, Nomin-Erdene,
R.Govorun, M.Batmunkh, Ts.Oyunsuren 355**SESSION - III: APPLIED NUCLEAR PHYSICS AND
NUCLEAR REACTOR TECHNOLOGY****The production of low-energy radioactive beams at microtron**Yu.G.Teterev, A.G.Belov, S.L.Bogomolov,
S.V.Mitrofanov, T.V.Tetereva, V.I.Zagrebaev. 363**Remote optical sensor for hydrogen gas detection**

Sh.Tatsuo. 380

Study on design parameters in solid cylindrical HTGR for passive decay heat removal

S.Odmaa. 385

Impact of human failure events on PSA in research reactor

O.Chimedtseren, N.Norov. 394

SESSION - IV: HIGH ENERGY PHYSICS**Higgs as a probe of new physics**

Ts.Enkhbat. 402

New trends in using scintillation counters in modern high energy experiments

Yu.N.Kharzheev. 406

Cosmic inflation with a high-order correction term

Seoktae Koh, Bum-Hoon Lee, Gansukh Tumurtushaa. 420

SESSION - V: CONDENSED MATTER PHYSICS**Applied strain investigation on sandstone samples using
neutron time-of-flight diffraction at the strain diffractometer
EPSILON, IBR-2M Dubna**

Ch.Scheffzuek, Birgit I.R. Müller, S.Breuer, A.Badmaarag, Frank R.Schilling. 427

POSTER SESSION**The optical absorption and EPR study of gamma irradiated and
heat-treated natural quartz**

D.Baatarkhuu, N.Tuvjargal, T.Ochirkhuyag, J.Davaasambuu, G.Shilagardi. 436

**Structure investigation of a quartz and onyx sample from the
Mongolian Noyon region using the neutron time-of-flight strain
diffractometer EPSILON**

A.Badmaarag, Ch.Scheffzük, D.Sangaa. 442

Preliminary result of the $\psi(3686) \rightarrow \phi\phi\phi(\phi\phi\omega)$	
E.Nomin-Erdene, R.Ring, Ts.Banzragch, B.Khurelbaatar.....	449
Comparative neutronics analyses on IRT-4M and MTR fuel assemblies	
E.Battsetseg, A.Tsendsuren, B.Munkhbat.....	455
Cluster study of the $\alpha+n$ system	
B.Batchimeg, M.Odsuren, G.Khuukhenkhoo, K.Kato.....	460
The detailed analysis on the shape of the flux tube	
P.Battogtokh, Ch.Sodbileg, E.Laermann, B.Daariimaa.....	464
Modelling of the radiation damage to synaptic receptors under exposure to charged particles	
L.Bayarchimeg, O.V.Belov, M.Batmunkh, O.Lkhagva.....	470
A Study on specific activity of radionuclides in soil and water samples from Tamsag oil deposit	
M.Enkhbaatar, N. Norov. M.Erdenetuya.....	475
Comparative study of design parameters of HTGR for passive decay heat removal	
S.Odmaa, G.Enkhbaatar.....	481
Study of radiation level in underground and in situ leaching uranium mining	
M.Enkhbaatar, N.Norov.....	490
Compilation of nuclear reaction data in JCPRG	
D.Ichinkhorloo, M.Aikawa, M.Kimura, A.Sarsembayeva, S.Ebata, N.Otsuka.....	494
Preliminary neutronic analysis in an annular, prismatic HTGR for passive decay heat removal	
T.Jamiyansuren, S.Odmaa, N.Norov, B.Munkhbat.....	497
Neutron diffraction study of the hard magnetic materials $\text{Nd}_2\text{Fe}_{14}\text{B}$ doped by Dy	
I.Khishigdemberel, I.A.Bobrikov, A.M.Balagurov, H.Tsugita, D.Sangaa.....	502
Alpha-clustering in the (n,α) Reaction and Alpha-decay	
G.Khuukhenkhoo, J.Munkhsaikhan, M.Odsuren, G.Galsandamdin, Yu.M.Gledenov, E.Sansarbayar, M.V.Sedysheva.....	507
Public acceptance survey on nuclear energy in Mongolia – Phase II	
G.Nyamdulam, S.Odmaa, S.Davaa, G.Manlaijav.....	518
Study of Dynamics of the IBR-2M Reactor by Mathematical Modeling	
Yu.N.Pepelyoshev, A.K.Popov, D.Sumkhoo.....	522
Possibility for identification of positive particles produced from the inelastic interactions detected by propane bubble chamber	
R.Togoo, T.Tulgaa, A.Tursukh, O.V.Rogachevsky, M.Sovd, J.Shinebayar.....	530
Neutron diffraction study of crystal and magnetic structures of MgFe_2O_4 ferrite	
E.Uyanga, I.A.Bobrikov, D.Sangaa, H.Hirazawa, A.M.Balagurov.....	537
Comparative analysis of (p,α) and (n,α) reactions by models of pre-equilibrium mechanism	
Ts.Zolbadral and G.Khuukhenkhoo.....	540
Evaluation of uncertainty measurement by TXRF spectrometer at NUM	
Sh.Molor, O.Sukh, Ts.Amartaivan.....	549
Charging of smoke particulates in flame	
J.Vanchinkhoo, B.Bat-erdene, E.Bayanjargal.....	556

PREFACE

The 6th International Conference on Contemporary Physics (ICCP-VI) took place in Ulaanbaatar, Mongolia, 7-10 June 2016. The previous conferences in this series were held in 2000, 2002, 2005, 2007 and 2013.

The ICCP-VI aims to provide a good opportunity for expert working in various topics of Contemporary Physics to discuss the latest research activities, to consider the prospects of applications and to stimulate interdisciplinary exchanges. This conference also provides the opportunity for round table discussions on special cross-disciplinary issues.

This conference is being organized with the support of the International and Mongolian organizations involved in research and education: Joint Institute of Nuclear Research (JINR), Dubna, Russia, Nuclear Energy Agency (NEA) of Government of Mongolia, National University of Mongolia (NUM) and Mongolian Academy of Sciences (MAS).

Ulaanbaatar, Mongolia
December, 2016

CONFERENCE TOPICS:

- Experimental and Theoretical Nuclear Physics
(nuclear structure and reactions)
- High Energy Physics
(particle and relative nuclear physics)
- Neutron physics
(ultra cold neutrons and fundamental properties of neutrons)
- Radiation Biology
(radiobiology and radiation protection)
- Nuclear Reactor Technology and Fuel Cycle
(innovative designs and applications)
- Applied Nuclear Physics
(analytical methods and radiation technology)
- Condensed Matter Physics
(nano-structures and materials science)

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