



Institute of Nuclear Physics

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**International Scientific Forum
«Nuclear Science and
Technologies», dedicated to the 60th
anniversary of the Institute of
Nuclear Physics**

**11th International Conference «Nuclear and
radiation physics»
International Conference «Nucleus-2017» (67th
Meeting on Nuclear Spectroscopy and Atomic
Nucleus Structure)
8th Eurasian Conference «Nuclear Science and
its Application»**

**September 12-15, 2017.
Almaty, Kazakhstan**

SECOND ANNOUNCEMENT

FORUM ORGANIZERS

Ministry of Energy of the Republic of Kazakhstan
Azerbaijan National Academy of Sciences
The National Academy of Sciences of the Kyrgyz Republic
Russian Academy of Sciences
Turkish Atomic Energy Authority
Academy of Sciences of the Republic of Uzbekistan
Joint Institute for Nuclear Research
RSE «Institute of Nuclear Physics» of the Ministry of Energy of the Republic of Kazakhstan
Russian Federal Nuclear Center - All-Russian Research Institute of Experimental Physics
RSE «National Nuclear Center of the Republic of Kazakhstan» of the Ministry of Energy of the Republic of Kazakhstan

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Smith D. (IAEA)
Spitaleri C. (Italy)
Sydykov E.B. (Kazakhstan)
Čechák T. (Czech Republic)
Hosoda T. (Japan)
Suzuki T. (Japan)
Shkolnik V.S. (Kazakhstan)
Yuldashev B.S. (Uzbekistan)

ORGANIZATIONAL COMMITTEE

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Committee members:

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Itkis M.G. (JINR)	Shvetsov V.N. (JINR)
Kadmenskiy S.G. (Russia)	Yarmukhamedov R.Y. (Uzbekistan)
Kawamura H. (Japan)	

FORUM TOPICS

1. Nuclear physics

- Nuclear reactions: theory and experiment
- Structure and properties of the atomic nuclei
- Technique and methods of nuclear-physical experiment

2. Solid state radiation physics and issues of materials science

- Formation and evolution of defects in solids
- Structural and fuel materials of nuclear and fusion facilities
- New materials and methods of their preparation, nano-materials

3. Radiation ecology and methods of analysis

- Radio-ecological studies of former nuclear test sites, assessment of risks and radiological issues.
- Technologies for reducing ecological risk of the radiation-hazardous facilities and territories, radioactive wastes handling
- Analytical methods in the radio-ecology and nuclear forensics

4. Nuclear and radiation methods in medicine and industry

- Production and application of radioactive isotopes
- Nuclear medicine
- Radiation technologies

The Forum will also include:

- **Meeting** «25 years of membership of the Republic of Kazakhstan at JINR»;
- **Round table** Research Reactors: safety, utilization, aging management", dedicated to the 50th anniversary of the research reactor WWR-K startup.

ARRIVAL AND ACCOMODATION OF PARTICIPANTS

All participants of the Forum are expected to provide the secretariat of the Forum Organizing Committee via e-mail or fax with the dates and flight, train numbers they are arriving to Almaty (before **01 September 2017**) as well as to name a hotel they are expected to stay in. All participants will be provided with a transfer from the airport/ railway station to the hotel. The participants of the Forum can travel from the airport/railway station to the hotel using the public transport or a taxi. Information on the bus routes is available on the Almaty airport website at the following link http://www.alaport.com/en/buses_to_airport.html, the fare of public transport is 80-150 tenge for one trip, cash payment to the driver or with the transport card "Onay." The cost of taxi services from the airport to the center of Almaty is 1500-2500 tenge.

The transfer of the participants from the center of Almaty to the Institute of Nuclear Physics will be provided during the International Scientific Forum. The place of participants transfer point will be announced additionally.

The List of Recommended hotels for participants

Hotel	Cost per day, tenge
«Kazakhstan» Dostyk str. 52 http://www.kazakhstanhotel.kz +7 (727) 291-96-00; 291-91-01; 291-91-02 reservation1@kazakhstanhotel.kz	Standard 18 000 Comfort 20 000
«Otrar» , Gogol str. 73 http://www.group.kz +7 (727) 250-68-48, 250-68-30, 250-68-40, 273-00-75 otrar@group.kz	Standard 26 000 Comfort 32 000
«Almaty» , Kabanbai batyr str. 85 http://hotelalmaty.kz/ +7(727)272-00-47 272-00-70 Fax +7(727)272-00-80 sales@hotelalmaty.kz ; reservation@hotelalmaty.kz	Standard 15 000 Comfort 27 000
«Kazzhol» , Gogol str. 127/1 http://www.hotelkazzhol.kz +7(727) 250-50-16 +7 708 559 08 16 Fax +7 (727) 250-89-27 booking@hotelkazzhol.kz	Standard 25 000 Comfort 27 000
«Uyut» , Gogol str. 127/1 +7 (727) 279-51-11; 279-55-11; 279-95-11; +7-777-218-31-32; Fax +7 (727) 279-89-79 hotel_uyut@mail.ru, hotel_uyut@mail.kz, reservation@hotel-uyut.kz, nurlan@nurlan.net hotel_uyut@mail.ru	Standard 22 000 Comfort 25 000
«Tyan-Shyan» , Kunaev str. 151, below Shevchenko str. http://otel-tien-shan.kz +7 (727) 393-05-77 +7(727) 393-05-99, +7(727) 291-91-62, +7(707) 221-81-51 WhatsApp Fax +7 (727) 291-21-62 sales@ts-hotels.kz	Standard 23 000 Comfort 25 000
«Turkestan» , Makatayeva str. 49 http://www.trkhotel.kz +7 (727) 266-41-36, +7 (727) 266-41-38	Standard 5 000 Comfort 7 000

These hotels are proposed taking into account the convenience of transfer from Almaty center to the Institute of Nuclear Physics. The participants of the Forum, at their own decision, can choose other hotels located near the recommended accommodation places. In case of selecting the accommodation in other districts of Almaty, it is necessary to consult the organizing committee about transfer availability to the Institute of Nuclear Physics.

FORUM SCHEDULE

11 September (Monday)

Arrivals of the Participants

12 September (Tuesday)

Registration of the Participants	08.30 - 09.30
Forum Opening	09.30 - 09.45
Plenary Session	09.45 - 13.00
Lunch	13.00 - 14.30
Section Session	14.30 - 17.30

13 September (Wednesday)

Section Session	08.30 - 13.00
Round table « Research Reactors: safety, utilization, ageing management»	08.30 - 13.00
Lunch	13.00 - 14.30
Section Session	14.30 - 16.00
Thematic excursions in Institute of Nuclear Physics	16.00 - 17.30

14 September (Thursday)

Section Session	08.30 - 13.00
Meeting «25 years of membership of the Republic of Kazakhstan at JINR»	09.30 - 13.00
Lunch	13.00 - 14.30
Plenary Session, dedicated to the 60th anniversary of the INP	14.30 - 17.30

15 September (Friday)

Section and Poster Session, Summarizing	08.30 - 11.00
Plenary Session	11.00 - 13.00
Lunch	13.00 - 14.30
Summarizing of the Forum Work	14.30 - 15.00
Forum Closing	15.00 - 15.30
Departure of the Participants	

The poster sessions will be held simultaneously with the plenary and sections sessions.

PAPERS

Presentations at plenary sessions are planned for 20-30 minutes; section and round table presentations – 15-20 minutes. Poster space is 1-2 sheets A1 paper format.

Full text of papers (electronic copy in MS Word format) should be submitted to the Secretariat of the Forum to the following e-mail: inp60th@gmail.com **before** 30 September 2017. Please, use **Times New Roman** 10 size type and A4 format paper (210x297mm) with the following margins: top - 25 mm; left - 30 mm; bottom - 25 mm; right - 15 mm.

The title of paper is printed in capital letters. Type the names and initials of the authors, names of organizations (including represented city and country) after two intervals from the report title. Afterwards, 2 intervals left, paper text is printed with 1 line spacing. Illustrations, tables and literature reference shall be included in the paper text. Illustrations shall be black-and-white. Plenary session papers should not exceed 10 pages, other papers – 6 pages. The Book of Forum proceedings will be published in the electronic format and placed at www.inp.kz website.

The articles prepared on the basis of presentations provided at the International Conference "Nucleus-2017" will be published in the journals "Proceedings of RAS. Physical Series" and "Nuclear Physics".

The presentations materials of the Forum can be published in the journal "Nuclear Physics and Engineering".

FORUM LANGUAGES

Forum languages are Russian and English.

VISA INFORMATION

Information about visa and rules for the foreigners stay on the territory of the Republic of Kazakhstan is available on the website of the Ministry of Foreign Affairs of Kazakhstan <http://www.mfa.kz>.

REGISTRATION FEE

Registration fee (paid until **August 11, 2017**) for the participants is 16 000 KZ tenge from Kazakhstan, \$50 from the CIS countries and \$200 from other countries.

The registration fee covers technical services, book of Forum abstracts, coffee breaks and official reception.

Payment of the registration fee is made by payment transfer to the bank account of RSE "Institute of Nuclear Physics"

Details for payment transfer:

The Republic State Enterprise acting on a self-supporting basis «Institute of Nuclear Physics», Ministry of Energy of the Republic of Kazakhstan (RSE «INP» ME RK)

Republic of Kazakhstan, 050032, Almaty, Alatau, Ibragimov str. 1, Tel.: 8 (727) 386-68-00

BIN 990440002559

Account: KZ42856000000004087 (KZ tenge)

Account: KZ788560000009622250 (USD dollars)

Account: KZ248560000009622252 (Euro)

Account: KZ84856000000025447 (Russian rubles)

SWIFT code: KCJBKZKX

KBE16

JSC «BankCenterCredit»

Purpose of payment "Registration fee for participation in the International Scientific Forum, full name of the participant"

The registration fee for the participants, transferred after 11th of August 2017, is 23 000 KZ tenge from Kazakhstan, \$70 from the CIS countries and \$250 from other countries.

FORUM SITE

The Forum will be hosted by RSE "Institute of Nuclear Physics", Almaty.

WEATHER

Day average temperature in Almaty in September is +17°C, night temperature +5°C.

ADDRESS OF THE ORGANIZATION COMMITTEE SECRETARIAT

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