RSE Institute of Nuclear Physics
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Fax: +7 727 3865260
e-mail: forum@inp.kz

II International Scientific Forum “Nuclear Science and Technologies”

12th International conference «Nuclear and Radiation Physics»

1st International conference «Nuclear and Radiation Technologies in Medicine, Industry and Agriculture»

10th Workshop «Asian Nuclear Reaction Database Development»

24-27 June, 2019.
Almaty, Kazakhstan

SECOND ANNOUNCEMENT

FORUM ORGANIZERS

Ministry of Energy of the Republic of Kazakhstan
RSE «Institute of Nuclear Physics», Ministry of Energy of the Republic of Kazakhstan
RSE «National Nuclear Center of the Republic of Kazakhstan», Ministry of Energy of the Republic of Kazakhstan
L.N. Gumilyov Eurasian National University
Al-Farabi National University

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Krasikova R.N. (Russia)                                        Short M. (USA)
Kuterbekov K.A. (Kazakhstan)                                   Yarmukhamedov R.Y. (Uzbekistan)

FORUM TOPICS

1. Nuclear Physics
   • Mechanisms of nuclear reactions and structure of nuclei
   • Heavy and super heavy elements: synthesis and fission
   • Nuclear physics of low and medium energy, nuclear astrophysics
   • Nuclear data measurement, compilation, evaluation and dissemination

2. Materials science and radiation solid state physics
   • Formation and evolution of defects in solids
   • Structural and fuel materials of nuclear and thermonuclear facilities
   • Modification of materials with the beams of plasma and charged particles
   • New materials and methods for their production, nano-materials

3. Atomic energy
   • Nuclear research facilities and power plants
   • Controlled thermonuclear fusion
   • Safety of nuclear energy and issues of non-proliferation of nuclear materials and technologies

4. Radiation ecology and methods of analysis
   • Radio-ecological studies of the former nuclear test sites, risk assessment and issues of radiation monitoring
   • Technologies to reduce the environmental risk of the radiation-hazardous facilities and territories, radioactive waste management
   • Analytical methods in radioecology and nuclear forensics

5. Nuclear and radiation technologies in medicine, industry and agriculture
   • Nuclear and radiation technologies in medicine
   • Radiation technologies in industry and agriculture

ARRIVAL AND ACCOMMODATION OF PARTICIPANTS

Dear participants of the Forum, please inform before June 15, 2019 the hotel where you plan to stay in by e-mail or fax to the secretariat of the Organizing Committee of the Forum. From the airport and from the railway station the participants of the Forum can get to your hotel by public transport or taxi. Information on the bus routes is available on the website of the Almaty Airport http://www.alaport.com/ru/buses_to_airport.html. Cost of travel in
Public transport is 150 tenge per trip, payment shall be made in cash to the driver or by the transport card “Onay”. Cost of taxi from airport to the center of Almaty is 1500-2500 tenge.

Transfer will be organized for the participants from the center of Almaty to the Institute of Nuclear Physics during the International Scientific Forum. The pick-up point will be announced additionally.

The List of Recommended hotels for participants

For booking, contact the hotel directly and indicate the code word “Institute of Nuclear Physics. Forum”.

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Cost of single room per day, KZ tenge</th>
</tr>
</thead>
</table>
| «Otrar», Gogol str. 73 (crossing with Kunaev str.)  
http://www.group.kz  
Reservation service:  
Tel: +7 (727) 250-68-48, 250-68-06, 250-68-40, 273-00-75  
Fax: +7 (727) 250-68-09  
otrар@group.kz, otrarhotel@mail.ru  
| Standard from 13 000  
Superior from 15 000 |
| «Almaty», Kabanbai batyr str. 85/133  
http://hotelalmaty.kz/  
Tel: +7(727)272-00-52, +7(727)272-00-47, +7(727) 272-00-70  
Fax +7(727)272-00-80  
sales@hotelalmaty.kz; reservation@hotelalmaty.kz  
| Standard from 17 000  
Superior from 23 000 |
| «Kazzhol», Gogol str. 127/1  
http://www.hotelkazzhol.kz  
Tel: +7(727) 250-50-16  
+7 708 559 08 16  
Fax +7 (727) 250-89-27  
booking@hotelkazzhol.kz  
| Standard from 18 000  
Superior from 21 000 |
| «Uyut», Gogol str. 127/1  
Tel: +7 (727) 279-51-11; 279-55-11; 279-95-11;  
mob. +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  
| Standard from 18 700  
Superior from 21 250 |

These hotels are convenient for transfer arrangement from the center of Almaty to RSE INP. The Forum participants may choose other hotels located close to the recommended hotels. If you wish to choose the accommodation point in other districts of Almaty, it is necessary to preliminarily clarify the issue of transfer to the RSE INP in the organizing committee.
# PROGRAM OF FORUM

## 23rd of June (Sunday)
Arrival of the Forum participants.

## 24th of June (Monday)

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration of participants</td>
<td>09.00 - 10.00</td>
</tr>
<tr>
<td>Opening of the Forum</td>
<td>10.00 - 10.15</td>
</tr>
<tr>
<td>Plenary session</td>
<td>10.15 - 13.00</td>
</tr>
<tr>
<td>Lunch</td>
<td>13.00 - 14.30</td>
</tr>
<tr>
<td>Plenary session</td>
<td>14.30 – 18.00</td>
</tr>
</tbody>
</table>

## 25th of June (Tuesday)

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section session</td>
<td>09.30 - 13.00</td>
</tr>
<tr>
<td>Lunch</td>
<td>13.00 - 14.30</td>
</tr>
<tr>
<td>Section session</td>
<td>14.30 - 16.00</td>
</tr>
<tr>
<td>Posters</td>
<td>16.00 - 18.00</td>
</tr>
</tbody>
</table>

## 26th of June (Wednesday)

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section session</td>
<td>09.30 - 13.00</td>
</tr>
<tr>
<td>Lunch</td>
<td>13.00 - 14.30</td>
</tr>
<tr>
<td>Section session</td>
<td>14.30 - 16.00</td>
</tr>
<tr>
<td>Excursion in the Institute of Nuclear Physics</td>
<td>16.00 - 18.00</td>
</tr>
</tbody>
</table>

## 27th of June (Thursday)

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section session, summary of results</td>
<td>09.30 - 11.00</td>
</tr>
<tr>
<td>Plenary session</td>
<td>11.00 - 12.30</td>
</tr>
<tr>
<td>Summary of Forum results, closing of the Forum</td>
<td>12.30 - 13.00</td>
</tr>
<tr>
<td>Lunch</td>
<td>13.00 - 14.30</td>
</tr>
<tr>
<td>Departure of the Forum participants</td>
<td>14.30 - 15.00</td>
</tr>
</tbody>
</table>

## PRESENTATIONS AND POSTERS

Duration of plenary talk is 20-30 minutes, duration of section talk is 15-20 minutes. The volume of poster is 1-2 sheets of A1 format.

Articles based on presentations provided at the International Forum can be published in the following journals:
**FORUM LANGUAGES**

Forum languages are Russian and English.

**VISA INFORMATION**

Information on visa and the rules for the stay of foreign citizens in the Republic of Kazakhstan is available on the website of the Ministry of Foreign Affairs of Kazakhstan [http://www.mfa.kz](http://www.mfa.kz)

**REGISTRATION FEE**

Registration fee is $150 for the Forum participants to be paid until May 24, 2019. 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» of the Ministry of Energy of the Republic of Kazakhstan (RSE «INP» ME RK)
Republic of Kazakhstan, 050032, Almaty, Alatau micro-district, Ibragimov Str., Tel.: 8 (727) 386-68-00
BIN 990440002559
Account KZ42856000000004087 (KZ tenge)
Account KZ78856000009622250 (USD dollars)
Account KZ24856000009622252 (Euro)
Account KZ84856000000025447 (Russian rubles)
BIC KCJKKX
KBE16
JSC «BankCenterCredit»

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

After the 24th of May 2019 the registration fee is $200, to be paid by the Forum participants.

**FORUM VENUE**

Forum will take place in Almaty in the RSE «Institute of Nuclear Physics».

**WEATHER**

Average air temperature is +25 – 30 °C at day and +10 – 15 °C at night in June in Almaty.

**FORUM SECRETARIAT ADDRESS**

RSE «Institute of Nuclear Physics» ME RK
Kazakhstan, 050032, Almaty, Ibragimov str.1,
Forum Secretary: Candidate of Phys. and Math Sciences
Munasbayeva Karlygash
Tel: (727) 386-68-98, (727) 386-65-33
Fax: (727) 386-52-60
e-mail: forum@inp.kz,
[http://www.inp.kz](http://www.inp.kz)