



SECOND CIRCULAR

4th International Conference on the Chemistry and Physics of the Transactinide Elements

Sochi, Russia, 5-11 September 2011

(5.09. - arrival day, 11.09. - departure day).

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This is the 4th of a series of conferences dedicated to the recent achievements, both in theory and experiment, in nuclear reactions and structure, chemistry and spectroscopy of the transactinide elements.

The official web-site of the Conference is <http://tan11.jinr.ru>.

Organisation: The conference is organized by the Joint Institute for Nuclear Research (JINR), Dubna.

Scientific Programme: The scope of the TAN'11 Conference includes the traditional topics in the field of transactinide science, covering both physical and chemical research:

- Physics experiments – synthesis and properties
- Spectroscopy
- Nuclear physics theory
- Experimental chemical studies
- Theory on chemical properties of the transactinides.

Venue: The TAN'11 Conference will be held in Sochi (Russia) from 5-11 September 2011 (5.09. - arrival day, 11.09. - departure day).

Since many years Sochi is known as one of the most popular Russian resorts. The International Olympic Committee has delegated to Sochi the right to act as the host city of the 2014 Olympic Games.

The Conference will be held in the Admiral Conference Hall of Hotel "Parus". A smaller hall will also be available for group discussions.

Contributions: The conference will include plenary sessions, which will consist of invited talks and oral contributions. Participants wishing to present their work should submit a 1 page abstract (17 cm x 25.5 cm) of their talk. By the beginning of the Conference a Booklet of Abstracts, consisting of all abstracts submitted to the Organizing Committee by April 20, 2011, will be printed. The Booklet will be distributed to all participants during the conference registration. The abstracts should be completely ready for direct reproduction and submitted by electronic mail to the TAN'11 Organizing committee (tan2011@jinr.ru).

The oral presentations will be selected among the applications. The accepted contributors will be notified by the end of May 2011. A poster session is also planned.

In addition, we plan to organize a so-called „directors“ session, where leading scientists will speak about their vision on the future of transactinide science.

The conference programme will also include a session dedicated to the 100th anniversary of awarding the Nobel Prize for chemistry to Maria Sklodowska-Curie.

Invited speakers are:

- **Ch. Duellmann, University of Mainz, Germany**
Superheavy element research at GSI
- **Robert Eichler, PSI, Villigen, Switzerland**
First foot prints of chemistry on the shore of The Island of SHE
- **Walter Greiner, FIAS, Frankfurt/Main, Germany**

- **Rolf-Dietmar Herzberg, University of Liverpool, Great Britain**
Spectroscopy of very heavy nuclei
- **Sigurd Hofmann, GSI Darmstadt, Germany**
Physics experiments on superheavy elements at the GSI SHIP
- **Jens Volker Kratz, University of Mainz, Germany**
The Impact of Superheavy Elements on the Chemical and Physical Sciences
- **Helene Langevin, IPN Orsay, France**
*Maria Curie talk ******
- **Yuichiro Nagame, JAERI, Japan**
Liquid Phase Experiments with the Heaviest Elements
- **Yuri Oganessian, FLNR Dubna**
Superheavy elements in Dubna
- **Valeria Pershina, GSI Darmstadt, Germany**
Recent achievements in the electronic structure studies on the heaviest elements
- **Paul-Gerhard Reinhard, University of Erlangen, Germany**
The predictions from self-consistent mean field models for super-heavy elements
- **Adam Sobiczewski, Warsaw University, Poland**
Properties of superheavy nuclei
- **Friedrich-K. Thielemann, University of Basel, Switzerland**

***** *title not confirmed*

Speakers of the directors' session are:

- **Sidney Gales, GANIL, France**
- **Mikhail Itkis, JINR, Dubna**
- **Kosuke Morita, RIKEN, Japan**
- **Horst Stoecker, GSI Darmstadt, Germany**
- **Qin Zhi, Institute of Modern Physics, P.R. of China**

Important dates:

Deadline for abstract submission	- 20 April 2011
Notification of speakers	- 1 June 2011
Final programme	- 1 August 2011

Registration is still possible through the TAN'11 website <http://tan11.jinr.ru>.

Official letters of invitation can be sent by the conference secretariat upon request.

Conference Fee and Payment: The registration fee for participants in the Conference is

**500 Euro, for early registration (by 31 July 2011),
or
550 Euro for registration after that date.**

It covers participation in the conference sessions, the Booklet of Abstracts, the welcome party, the conference dinner, all coffee breaks, the conference excursion and the transportation from the Adler (Sochi) airport to the conference site and back.

The registration fee for accompanying persons, amounting to 250 Euro, includes the transportation from the Adler (Sochi) airport to the conference site and back, the welcome party, the conference dinner, as well as the conference excursion.

On the request and recommendation of a leading scientist, the conference fee for a young participant or postdoc will be reduced and will be 300 €.

The registration fee does not include accommodation.

The registration fee may be payed:

- **in cash** during the registration,

or

- **by bank transfer** to the following account:

**Intermediary Bank:
VTB Bank (Austria) AG,**

Wien, PO Box 560, Parkring 6, A-1011 Vienna, Austria
SWIFT: DOBAATWW
Beneficiary's Bank:
c/a № 11.00.0615394.900
CB «INTERCOMMERZ» (Ltd), Russia, Moscow
SWIFT: INTCRUMM

Beneficiary: JINR,
Russia, Moscow region, Dubna, Joliot-Curie, 6

Beneficiary account: 40807978826000013467

Re: Fee (scientific conference «TAN 11»)

It is very important that you ask your bank to indicate your name on the transfer and include the necessary bank transfer charges.

Accommodation: Please inform the Organizing Committee well beforehand about your lodging. The [hotel reservation form](#) must be submitted directly from the conference web-site. If you are sharing a room, please name the person (otherwise the Organizers have to decide this for you).

A number of pre-reserved rooms are offered to participants on a first come basis in the conference venue Hotel "Parus" and in the hotel "Primorskii". Both hotels are situated in the sports complex "Parus".

Please, note that hotel "Primorskii" is planned for the accommodation only of young scientists and students.

We have been now offered special reduced prices for the participants of TAN'11.

The room rates per participant per day, starting from the evening of September 5th to the afternoon of September 11th, 2011 (the arrival and departure days), offered at present are:

Hotel „Parus“

	1 person	2 persons (per each)	No. of rooms
Standard double (two-beds) room	6 020	3 740	63
Suite, double bed, two rooms	10 520	6 240	7

Hotel "Primorskii"

	1 person	2 persons (per each)	No. of rooms
Standard double (two-beds) room	3 160	2 150	6

N.B. These prices include breakfast, lunch and dinner.

The prices include also the use of the SPA-complex, the swimming pool, the beach, the open sport playgrounds and relevant equipment.

One can use Wi-Fi for which a card can be bought at the reception desk: 100 Rub/2 hours and 400 Rub/day.

Payments can be done either:

- in cash to the Organizing committee at registration in the beginning of the conference,
- or
- by bank transfer to the same account as the Conference fee. On request, an invoice can be sent for the bank transfer payment.

The prices are given in Rubles (at present the exchange rate is 41 Rub/Euro).

In case payments are done directly at the hotel reception desk (either in cash or using electronic cards Visa, Master Card and Electron), the prices offered per person per day (including only breakfast, lunch and dinner) are with 18 % (VAT) higher than the ones given above.

Visas: For arranging visas and in case of questions concerning the visa applications, participants are requested to contact the Secretary Ms. Natalia Dokalenko (doknatasha@jinr.ru).

CORRESPONDENCE

Please, address all the mail and questions concerning:

Scientific programme, publications, etc. to:

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Further Information on the meeting may be found at:

<http://tan11.jinr.ru>

We look forward to seeing you in Sochi!