

THIRD ANNOUNCEMENT

**The VII-th International Conference
"SOLITONS, COLLAPSES AND TURBULENCE:
Achievements, Developments and Perspectives"
Chernogolovka, Moscow region, RUSSIA
August 4-8, 2014**

L.D. Landau Institute for Theoretical Physics of the Russian Academy of Sciences, P.N. Lebedev Physical Institute of the Russian Academy of Sciences, and Novosibirsk State University are convening the VII-th International Conference "SOLITONS, COLLAPSES AND TURBULENCE: Achievements, Developments and Perspectives" (SCT-14) in honor of Vladimir Zakharov's 75th birthday. The conference will be held in Chernogolovka (40 km north east from Moscow) in the building of the Scientist House of Scientific Center of RAS in Chernogolovka and partially in the building of the Landau Institute for Theoretical Physics there in August 04 - August 08, 2014.

The main goal of this conference is to bring together key scientists with various background and expertise, both physicists and mathematicians, (young researchers are welcome) working in the field of nonlinear science in order to discuss the main directions of development, achievements and perspectives, to further develop existing connections and (or) establish new links between three main branches of nonlinear science: SOLITONS, COLLAPSES and TURBULENCE. The topics will range from nonlinear optics, plasma physics, hydrodynamics, solid state physics, differential geometry, string theory, and gravity, to soliton theory, combining the inverse scattering transform and recent approaches to exact integrable and near integrable models, wave collapse physics, turbulence and chaos. It is planned to have a balance mix of theory, experiment and industrial applications and organize a truly interdisciplinary conference.

SCIENTIFIC PROGRAMME includes:

- Soliton theory and the inverse scattering transform;
- Solitons and their applications in nonlinear optics, plasma physics, hydrodynamics, etc.;
- Theory of wave collapse;
- Coherent structures (patterns, solitons, etc.) and turbulence;
- Developed wave and hydrodynamic turbulence.

ORGANIZING COMMITTEE:

- Evgenii A. KUZNETSOV (Lebedev Physical Institute & Landau Institute & Novosibirsk State University, Russia, e-mail: kuznetso@itp.ac.ru) (Chairman),
- Alexandre I. DYACHENKO (Landau Institute, Russia, e-mail: alexd@itp.ac.ru) (Vice-Chairman)

- Gregory FALKOVICH (Weizmann Institute of Science, Rehovot, Israel, e-mail: gregory.falkovich@weizmann.ac.il
- Pavel M. LUSHINKOV (University of New Mexico Albuquerque, USA, e-mail: plushnik@math.unm.edu),
- Sergei K. TURITSYN (Aston University, Birmingham, UK e-mail: s.k.turitsyn@aston.ac.uk).

SECRETARY of the Workshop:

Yuliya VAKHTEEVA
Landau Institute for Theoretical Physics,
Chernogolovka, Moscow region, 142432 Russia
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e-mail: zakharov75@itp.ac.ru.

The members of the Programme Committee are listed below. They will be responsible for selecting the contributions.

SCIENTIFIC PROGRAMME COMMITTEE:

- Alan NEWELL, Arizona University, Tucson, USA, **Chairman**
- Vladimir V. LEBEDEV, Landau Institute, Chernogolovka, Russia;
- Alexandre V. MIKHAILOV, Leeds University, Leeds, UK;
- Vladimir E. ZAKHAROV, Lebedev Institute, Moscow; Landau Institute, Chernogolovka; Novosibirsk State University, Russia & Arizona University, Tucson, USA;
- Kirill P. ZYBIN, Lebedev Physical Institute, Moscow Russia.

GENERAL SCHEDULE:

- *Sunday, August 3* - arrivals.
- *Monday, August 4 - Friday, August 8*
Conference
- *Saturday, August 9* - departure

ACCOMMODATION INFORMATION

In Chernogolovka there are two hotels:

Main *Chernogolovka hotel* has been reserved to accommodate most of the conference participants and their companions. The hotel has the following prices (on March 2014): A single room is about \$30 per night. Several double rooms are also available at about \$50 per night for the whole suit. There is the hotel web-site <http://hotelchg.ru/> (unfortunately, in Russian)

Another hotel is *guest-house* for 10 rooms only (<http://www.chghotel.ru/en/index.php>)

The **REGISTRATION FEE** is 100 Euro. The fee will cover all the social events (informal get-together on arrival, official reception, Banquet, excursions, etc.) and *Conference Abstracts* printing.

HOTEL RESERVATION form is enclosed with this Announcement. Please fill both in and return them to the Workshop Secretary, according to the deadline schedule (see below).

ABSTRACTS

Participants planning to present their results at the conference are required to submit abstracts by e-mail. Authors are asked to prepare their abstract preferably in TeX (LaTeX, RevTeX) form. Abstracts written in Word is acceptable too. The abstracts should be submitted on the Conference site before 1 May, 2014 at

<http://zakharov75.itp.ac.ru/zve75/>

CALENDAR OF DEADLINES

Final registration	<i>31 March 2014</i>
One page abstract deadline	<i>1 May 2014</i>
Author notification of paper selection	<i>15 June 2014</i>
Hotel reservation	<i>15 June 2014</i>
Author notification of scientific and other programs	<i>31 June 2014</i>

Persons interested in participating are welcome to visit the Conference web-cite: zakharov75.itp.ac.ru

ORGANIZERS

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International Conference
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4 – 8 August 2014, Landau Institute for Theoretical Physics,
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VISA FORM

1. First Name: _____
2. Family Name: _____
3. Date of Birth: DD/MM/YEAR _____
4. Citizenship: _____
5. Born in (country, place): _____
6. Permanent residence in: _____
7. Visa to be obtained in: _____
8. Affiliation, Position, Work Address _____
9. Passport: no _____, issued on _____, valid _____

Also attach copy of passport, please.

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HOTEL RESERVATION FORM

HOTEL	single	single in bl.	double	double in bl.
Chernogolovka				
Guest-house				

Please indicate your preference by putting plus in this table.

If you wish to share accommodation with somebody, please, inform.