

SECOND ANNOUNCEMENT

**The VIII-th International Conference
"SOLITONS, COLLAPSES AND TURBULENCE:
Achievements, Developments and Perspectives"
Chernogolovka, Moscow region, RUSSIA
May 21-25, 2017**

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 VIII-th International Conference "SOLITONS, COLLAPSES AND TURBULENCE: Achievements, Developments and Perspectives" (SCT-14) in honor of Evgenii KUZNETSOV's 70th birthday. The conference will be held in Chernogolovka (40 km northeast from Moscow) in the new building of the Landau Institute for Theoretical Physics in May 21 - May 25, 2017.

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 PROGRAM 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.

CHAIRMAN OF THE CONFERENCE:

- Vladimir E. ZAKHAROV, Lebedev Institute, Moscow; Landau Institute, Chernogolovka; Novosibirsk State University, Russia & Arizona University, Tucson, USA;

ORGANIZING COMMITTEE:

- Alexandre I. DYACHENKO (Landau Institute, Russia, e-mail: alexd@itp.ac.ru) (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 Conference:

Yuliya VAHTEEVA

Landau Institute for Theoretical Physics,
Chernogolovka, Moscow region, 142432 Russia

Tel.: 7 (495) 702-9317;

Fax: 7 (495) 702-9317;

e-mail: vahteeva@itp.ac.ru

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

SCIENTIFIC PROGRAM COMMITTEE:

- Alan NEWELL, Arizona University, Tucson, USA, **Chairman**;
- Mikhail P. FEDORUK, Novosibirsk State University, Novosibirsk, Russia;
- Vladimir V. LEBEDEV, Landau Institute, Chernogolovka, Russia;
- Alexandre V. MIKHAILOV, Leeds University, Leeds, UK;
- Jens J. RASMUSSEN, Riso National Laboratory, DTU, Denmark;
- Kirill P. ZYBIN, Lebedev Physical Institute, Moscow Russia.

GENERAL SCHEDULE:

- *Saturday, May 20* - arrivals.
- *Sunday, May 21 - Thursday, May 25* - Conference
- *Friday, May 26* - departure

ONLINE REGISTRATION AND CONFERENCE FEE

Participation in the Conference requires an advance registration (by February 01, 2017) at the Conference website <http://sct17.itp.ac.ru/sct17> as well as paying the **REGISTRATION FEE** \$150 (or its equivalent in EURO or in rubles) on arrival to the conference. The fee will cover all social events (informal get-together on

arrival, official reception, Banquet, excursions, etc.) and *Conference Abstracts* printing.

Quick online registration instructions: Click “login” at the upper right corner of the Conference website <http://sct17.itp.ac.ru/sct17>. After that in the new opened window click “Create new account” (if never registered before) and follow the instructions including e-mail confirmation. After the initial confirmation, login again and click to the new menu item “PERSONAL” (will appear after the e-mail confirmation is finished) and click there “Confirm participation” to confirm the conference participation. After that the new link “Add Talk” will appear which will allow to submit the abstract.

CONFERENCE SUBMISSION AND ABSTRACT SUBMISSION

Participants willing to present their results at the conference are required to submit abstracts by *February 01, 2017* at the Conference website:

<http://sct17.itp.ac.ru/sct17>

The scientific program committee will notify the authors about approval of their submitted abstract for either oral or poster presentation by February 15, 2017

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 November 2016):

Single room in block - 1500 rubles per night,
Two-bedroom in block - 2000 rubles per night,
Single separate room - 2300 rubles per night,
Double rooms 3000-3500 rubles per night for the whole suit.

There is the hotel web-cite <http://hotelchg.ru/> (unfortunately, in Russian)

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

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).

CALENDAR OF DEADLINES

Online registration	<i>February 1, 2017</i>
One page abstract deadline	<i>February 1, 2017</i>
Author notification of paper selection for oral/poster presentation	<i>February 15, 2017</i>
Hotel reservation	<i>April 1, 2017</i>
Author notification of scientific and other programs	<i>April 15, 2017</i>

Additional information are available at the Conference website: <http://sct17.itp.ac.ru/sct17>

Please cut here and send this form to the conference secretary if Russian visa is needed

**International Conference
SOLITONS, COLLAPSES AND TURBULENCE:
Achievements, Developments and Perspectives (SCT-17)
21 – 25 May 2017, Landau Institute for Theoretical Physics,
Chernogolovka, Moscow region, Russia**

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 (the first page with photo), please.

Please cut here and send this form to the conference secretary

**International Conference
SOLITONS, COLLAPSES AND TURBULENCE:
Achievements, Developments and Perspectives (SCT-14)
4–8 August 2014, Landau Institute for Theoretical Physics,
Chernogolovka, Moscow region, Russia**

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 us.