

FIRST ANNOUNCEMENT

The IX-th International Conference
SOLITONS, COLLAPSES AND TURBULENCE:
Achievements, Developments and Perspectives
Chernogolovka, Moscow region, RUSSIA
August 12 - 16, 2019

On the behalf of L.D. Landau Institute for Theoretical Physics of the Russian Academy of Sciences, P.N. Lebedev Physical Institute of the Russian Academy of Sciences, Novosibirsk State University, and the Organizing Committee, we are pleased to announce the IX-th International Conference SOLITONS, COLLAPSES AND TURBULENCE: Achievements, Developments and Perspectives (SCT-19) in honor of Vladimir Zakharov's 80th birthday. The conference will be held in Chernogolovka (40 km north east from Moscow) in the Landau Institute for Theoretical Physics in August 12 - August 16, 2019.

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.

To participate in the Conference, please, send to the Organizing committee (SCT-2019@itp.ac.ru) before February 15, 2019 the completed registration form. It can be found on the Conference website very soon.

NEXT ANNOUNCEMENT WITH A MORE INFORMATION ABOUT THE CONFERENCE WILL BE SENT AT THE END OF NOVEMBER.

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