

11th International Workshop Lie Theory and Its Applications in Physics

Dear Colleague,

We would like to inform you that the 11-th edition of the International Workshop Lie Theory and Its Applications in Physics (LT-11) shall be held in Bulgaria (near Varna, on the Black Sea), 15 - 21 June 2015. (Monday, June 15th, is the arrival day, Sunday, June 21st, is the departure day.)

The first three workshops were organised in Clausthal (1995,7,9), the 4th was part of the 2nd Symposium 'Quantum Theory and Symmetries' in Cracow (2001), the 5-th was organised in Varna (2003), the 6-th was part of the 4th Symposium 'Quantum Theory and Symmetries' in Varna (2005), but has its own volume of Proceedings, the 7-th, 8-th, 9-th, 10-th were organised in Varna (2007,2009,2011,2013), see: <http://theo.inrne.bas.bg/~dobrev/>

It is a meeting intended for both physicists and mathematicians.
The preliminary topics are:

LIE THEORY:

- Representation Theory
- Infinite-Dimensional Lie Groups and Algebras
- Algebraic Geometry
- Quantum Groups and Noncommutative Geometry
- Superalgebras
- Symmetries of Linear and Nonlinear PDO
- Special Functions

APPLICATIONS IN PHYSICS:

- Symmetries in String Theory
- Supergravity
- Conformal Field Theories
- Integrable Systems
- Relativistic and Nonrelativistic Holography
- Gauge Field Theories
- Noncommutative Quantum Theories
- Symmetries in Quantum Computing
- Symmetries in Dynamical Systems
- Symmetries in Condensed Matter and Statistical Physics

We shall publish Proceedings.

The work of the Workshop will be organized in five morning sessions and four afternoon sessions. The talks start on Tuesday, 16 June, in the morning, and end on Saturday, 20 June, in the late afternoon. Thursday afternoon is free with organized excursion.

The Conference site is situated in the resort area extending to the north-east of Varna on the Black Sea Coast. Varna is Bulgaria's third largest city and

main naval port. The most convenient way to travel from abroad is by plane to Varna airport. Travel by train is to Varna train station. Detailed travel information will be given later.

We cordially invite you to attend the meeting and to contribute to the scientific programme. There will be a participation fee (including the Proceedings volume, the welcome party, excursion, coffee breaks, conference materials) which will be fixed later (but not higher than 250 Euro (half for students)).

Please, inform us at your earliest convenience whether you plan to attend, even if your answer is tentative.

with my best regards,
Vladimir Dobrev
(for the Organizing Committee)