

## Alekseev Georgy

Position: Leading researcher,  
Steklov Mathematical Institute  
of the Russian Academy of Sciences  
Moscow, Russia



Period covered: 1975 – present time

### I Scientific Work

Collaborative work with Prof. V.A.Belinski during 2004 – present time

Visits to Pescara: 26.06.2005 – 03.07.2005  
04.05.2006 – 30.05.2006  
01.06.2007 – 27.06.2007  
13.05.2008 – 30.05.2008

#### Collaborative papers:

1. G.A. Alekseev and V.A. Belinski, "Superposition of fields of two Reissner -Nordstrom sources", in Proceedings of the Eleventh Marcel Grossmann Meeting on General Relativity, edited by H. Kleinert, R.T. Jantzen and R. Ruffini, World Scientific, Singapore (2007) (24 pages); arXiv:0710.2515 [gr-qc].
2. G.A. Alekseev and V.A. Belinski, "Schwarzschild black hole hovering in the field of a Reissner-Nordstrom naked singularity", *Il Nuovo Cimento*, **122 B**, N.2 (2007) (5 pages)
3. G.A. Alekseev and V.A. Belinski, "Equilibrium configurations of two charged masses in General Relativity", *Phys. Rev.* **D 76**, 021501(R) (2007); arXiv:0706.1981v1 [gr-qc].

### II Conferences and educational activities

The conferences:

1. The Russian-Italian Lifshitz-Zeldovich Meeting on Relativistic Astrophysics (27.06.2005 – 03.07.2005)
2. Eleventh Marcel Grossmann Meeting (Berlin, July 23 - 29, 2006)

(ChairPerson of the GT6 section)

3. 10th Italian-Korean Symposium on *Relativistic Astrophysics* (June 25 - 30 2007, Pescara)

### III 2007-2008 List of Publications

G.A. Alekseev, "Monodromy transform approach in the theory of integrable reductions of Einstein's field equations and some applications", submitted to Proceedings of the Eleventh Marcel Grossmann Meeting on General Relativity, edited by H. Kleinert, R.T. Jantzen and R. Ruffini, World Scientific, Singapore (2007) (3 pages).

G.A. Alekseev and V.A. Belinski, "Superposition of fields of two Reissner -Nordstrom sources", submitted to Proceedings of the Eleventh Marcel Grossmann Meeting on General Relativity, edited by H. Kleinert, R.T. Jantzen and R. Ruffini, World Scientific, Singapore (2007) (24 pages)

G.A. Alekseev and V.A. Belinski, "Equilibrium configurations of two charged masses in General Relativity", Phys. Rev. D 76, 021501(R) (2007); arXiv:0706.1981v1 [gr-qc].

G.A. Alekseev and V.A. Belinski, "Schwarzschild black hole hovering in the field of a Reissner-Nordström naked singularity", Il Nuovo Cimento, 122 B, N.2 (2007) (5 pages).

G.A. Alekseev, "Integrability of the symmetry reduced bosonic dynamics and soliton generating transformations in the low energy heterotic string effective theory", arXiv:0811.1358v1 [hep-th].