

CURRICULUM VITAE

Personal Data

Name: **Lachezar S. GEORGIEV**

Current Position: Associate Professor, Dr.
Theoretical and Mathematical Physics Division
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Date of Birth: 16th November 1968

Place of Birth: Sofia, **BULGARIA**

Nationality: Bulgarian

Marital Status: married, one son, born 2004

Military Service: September 1987 – September 1989
Bulgarian Air Force

Previous positions:

- 2007 – 2008:** **Institut für Mathematische Physik**
Technische Universität Braunschweig, Germany
Research Fellow of the Alexander von Humboldt Foundation
(Adviser: Prof. Reinhard F. WERNER)
- 2000 – 2002:** **Institut für Theoretische Physik**
Universität Köln, Germany
DFG-Schwerpunktprogramm “Quanten-Hall-Systeme”
(Adviser: Prof. Martin R. ZIRNBAUER)
- 1999** **Istituto Nazionale di Fisica Nucleare (I.N.F.N.)**
Sezione di Firenze, Italy
(Adviser: Prof. Andrea CAPPELLI)

Post Graduate Education

- Ph.D.** Theoretical and Mathematical Physics
I.N.R.N.E. (1995 – 1998)
- Supervisor:** Acad. Ivan T. TODOROV, **I.N.R.N.E.**, Sofia
Scientific adviser: Prof. Andrea CAPPELLI, **I.N.F.N.**, Sez. di Firenze
- Thesis title:** *Conformal Field Theories and Their Application to the Fractional Quantum Hall Effect (with $\nu = 1/2$)*
- Specialization courses:** Number Theory for Physicists,
Abelian Current Algebras and Lattices,
Canonical Formalism in the WZW Model

University Education

- M.Sc., 1994** Theoretical Physics
University of Sofia, "St. Kliment Ohridski" (1989 – 1994)
- Diploma thesis:** *Application of the Local Scaling Transformation to Atomic Systems*

Supervisor:	Dr. Yavor I. DELCHEV, I.N.R.N.E. , Sofia
Specialization courses:	Functional Analysis, Differential Geometry, Non-standard Analysis, Mathematical Statistics, Group Theory, Theoretical Nuclear Physics, Quantum Field Theory, Gauge Field Theory, Experimental Nuclear Physics, Scattering Theory, General Relativity and Gravitation, Path Integrals in QFT, Particle Physics
Languages:	Bulgarian (native), English (fluently), Russian (good reading and speaking ability)
Computer Languages and OS:	C++, Pascal, Fortran, \LaTeX 2 ϵ , Maple, HTML, JavaScript UNIX, Linux, Windows

Talks on International Conferences

- Workshop “Number Theory and Physics” - Erwin Schrödinger Institute, Wien, Austria.
- 4th Bologna Workshop on: “CFT and Integrable Models and their applications to Quantum Field Theory, Statistical Mechanics and Condensed Matter Physics”, 1999, Bologna, Italy.
- “Mesoscopic Physics and Transport Phenomena: Mathematical and Field Theoretical Aspects and their Connection to Experimental Reality”, 1999, Ascona, Switzerland.
- “Kolloquium zum DFG-Schwerpunktprogramm Quanten-Hall-Systeme”, January 2001, Bad Honnef, Germany.
- Fifth International Workshop “Lie Theory and its Applications in Physics”, June 2003, Varna, Bulgaria.
- International Workshop “Integrable Models and Applications: from Strings to Condensed Matter”, September 2003, Florence, Italy.
- IV International Symposium “Quantum Theory and Symmetries”, August 2005, Varna, Bulgaria.
- NATO Advanced Study Institute “Manipulating Quantum Coherence in Solid State Systems”, September 2005, Cluj–Napoca, Romania.

Referees

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