

## Paul Nelson Watts

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Date of Birth: 19/10/65

Citizenship: USA

### Work Experience:

#### *Postdoctoral Researcher:*

Dublin Institute for Advanced Studies, Dublin, Ireland, 1997-present; University of Miami, Coral Gables, Florida, USA, 1995-7; Centre de Physique Théorique, Marseille, France, 1995

Research into theoretical particle physics; writing articles and presenting talks on research; attending conferences

#### *Graduate Student Research Assistant:*

Lawrence Berkeley Laboratory, Berkeley, California, USA, 1991-4

Research into theoretical particle physics for Ph.D.; writing of articles and presenting talks on research

#### *Graduate Student Instructor:*

Department of Physics, University of California, Berkeley, USA, 1987-91, 1994

Teaching of discussion sections for undergraduate and graduate physics course; grading of and writing solutions to problem sets and tests; proctoring of exams; setting of final grades

### Education:

Ph.D. Physics, University of California, Berkeley, 1994 (GPA 4.0/4.0)

M.S. Physics, University of California, Berkeley, 1989 (GPA 4.0/4.0)

B.S. Mathematics and Physics, Massachusetts Institute of Technology, 1987 (GPA 4.8/5.0)

### Societies, Awards, and Fellowships:

Department of Education Graduate Research Fellowship, 1994; American Association of Physics Teachers, 1989; Faculty Assistant Teaching Award, Department of Physics, UC Berkeley, 1989; UC Regents Fellowship, 1987-8; Phi Beta Kappa, MIT, 1987; Sigma Pi Sigma, MIT, 1986

### Selected Publications (Full List Available upon Request):

Edmund Bertschinger and Paul N. Watts, "Galaxy Formation with Cosmic Strings and Massive Neutrinos", *Astrophys. Jour.* **328** (1988) 23

Peter Schupp, Paul Watts and Bruno Zumino, "Differential Geometry on Linear Quantum Groups", *Lett. Math. Phys.* **25** (1992) 139

Peter Schupp, Paul Watts and Bruno Zumino, "Bicovariant Quantum Algebras and Quantum Lie Algebras", *Commun. Math. Phys.* **157** (1993) 305

### Skills:

Computer: Extensive knowledge of  $\LaTeX$ , moderate knowledge of HTML, beginner's knowledge of Java; familiarity with Unix, Windows and Macintosh operating systems

Spoken Languages: Moderate ability in French

### Interests:

Music (composing home-based electronic music; attending performances and festivals; writing reviews; DJing); reading (nonfiction, literature, comic books); sports (as a spectator)