



## Panagiota Kanti

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### Education

I received my Bachelor degree from the Department of Physics, University of Ioannina in 1992. From the same institution I received also my PhD in Theoretical Physics in 1998. In 2005, in the framework of my education as a staff member, I received a Postgraduate Certificate in “Teaching and Learning in Higher Education” from the Department of Educational Studies, University of Durham, Great Britain.

### Academic Positions

**1998-2000:** Postdoctoral Researcher at the School of Physics and Astronomy, University of Minnesota, Minneapolis, USA

**2000-2001:** Postdoctoral Researcher at the Scuola Normale Superiore, Pisa, Italy

**2001-2003:** Postdoctoral Researcher at the Theory Division of CERN, Geneva, Switzerland

**2003-2004:** Junior staff member (PPARC Advanced Fellow) at the Rudolf Peierls Centre for Theoretical Physics, University of Oxford, Great Britain

**2004-2006:** Lecturer/Reader at the Department of Mathematical Sciences, University of Durham, Great Britain

**2006-2016:** Associate Professor at the Department of Physics, University of Ioannina

**2016- ... :** Professor at the Department of Physics, University of Ioannina.

### Awards-Fellowships

- 5-year Advanced Fellowship from the Particle Physics and Astronomy Research Council, Oxford/Durham, Great Britain (2003-2008).
- 2-year Fellowship of the European Research and Training Network (RTN) “Physics Across the Present Energy Frontier”, Pisa, Italy (2000-2002).
- 5-year Special Postgraduate Scholarship (EMY) from the Ministry of Education (1992-1997) after written exams.
- The 4th Prize at the «Summer School of Advanced Physics», Iraklion, Crete (1992).
- Awards from the State Scholarships Foundation (IKY) during the undergraduate studies.
- The 3rd Prize in the “European Contest for Young Scientists”, organized by the Greek Mathematical Society, for the project “Water Powered Engine” (1990).

### Teaching Experience/Student Supervision

**2003-2004:** Teaching of a postgraduate course and supervision of an undergraduate diploma thesis at the University of Oxford, Great Britain.

**2004-2006:** Tutorials in three undergraduate compulsory courses, teaching of a postgraduate course, supervision of two Master (MSc) theses and supervision of a doctoral (PhD) thesis at the University of Durham, Great Britain.

**2006-...:** Teaching of 10 undergraduate (5 compulsory and 5 optional courses) and two postgraduate courses (1 compulsory and 1 optional course) at the Department of Physics, University of Ioannina. Also, supervision of 4 doctoral (PhD) theses, 10 Master (MSc) theses and a large number of undergraduate diploma theses.

## Research Record

My research interests focus on the scientific areas of Gravity and Cosmology and more specifically on the birth and evolution of our universe, the properties of black holes and the formulation of gravitational theories beyond Einstein's General Theory of Relativity. My research work includes:

- 73 research articles in international peer-reviewed scientific journals,
- 15 conference proceedings,
- 3 chapters in books,
- 1 book with conference proceedings (co-editor).

The number of citations to my work, excluding self-cites, exceeds 5400 (h-index 40) according to the international scientific search-engine iNSPIRE. I have also participated in 13 research proposals, in 2 of them as Principal Investigator. Since 1998, I am acting as a reviewer in 18 international scientific journals, and I have been awarded the distinction of "Outstanding Referee" by the American Physical Society (2010) and the European Physical Journal (2017). In addition, I have participated in the assessment of research proposals and promotion procedures in Greece, Czech Republic, Great Britain and Austria.

## Talks/Conferences

I have given invited talks in 32 academic institutions in Europe and the United States of America. I have also participated in 88 international conferences and schools, and I have given 47 talks, 30 of them invited. Finally, I have served as a member of the organizing committee of 15 international conferences.

## Administrative Positions

- Director of the Division of Theoretical Physics of the Physics Department (3 terms).
- Founding member (2008) και Vice President (2014-2016) of the Governing Board of the «Hellenic Society of Relativity, Gravity and Cosmology».
- Member of the Governing Board (2011-2012) και currently General Secretary (2022-2023) of the «Hellenic Society for the Study of High Energy Physics».
- Participation in 3 University Committees (Library, Conference Center, and Students with Special Needs) and in 13 committees of the Physics Department.