

Curriculum Vitae

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János A. BERGOU – Physicist

Professor
Department of Physics
CUNY Hunter College
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Family status: Married, 3 children
Citizenship: Hungarian, US permanent resident

Fields of major current interest

Theoretical quantum and nonlinear optics, laser physics, cavity QED, fundamentals of quantum mechanics, quantum information theory and quantum computing, intense field electrodynamics

Educational background

Hungarian Academy of Sciences	Doctor of Sciences (DSc)	1994
Hungarian Academy of Sciences	Habilitation (CSc)	1982
Roland Eötvös University (Budapest)	PhD Theoretical Physics	1975
Roland Eötvös University (Budapest)	Diploma (MS) Physics	1970

Employment history

Hunter College	Professor (early tenure with promotion)	1993-date
	Associate Professor	1990-1992
Central Research Institute for Physics (Hungarian Acad. Sci., Budapest)	Senior Scientist	1983-1990
	Research Scientist	1970-1983
Attila József University, Szeged Hungary	Lecturer	1980-1990

Long term visiting positions

Institute of Physics, Janus Pannonius University, Pécs, Hungary	Director (during sabbatical leave)	1998-1999
University of New Mexico	Adjunct Professor	1989-1995
Center for Advanced Studies (Univ. of New Mexico)	Visiting Professor	1986-1988
Institute for Theoretical Physics, Univ. of Innsbruck, Austria	Visiting Professor	1996-1997(winter term)
Max-Planck-Institute for Quantum Optics, Garching, Germany	Humboldt Fellow	1983-1984
Centre d'Études Atomiques, CEN Saclay, France	Visiting Scholar	1976
P. N. Lebedev Physical Institute, Moscow, USSR	Visiting Scholar	1974

and several shorter term visiting positions at major research centers and universities

Honors and Awards

Fellow of the Optical Society of America	2005
University of Toronto, Center for Quantum Information and Quantum Control, External Affiliate Member	2004
Hunter College Presidential Award for Excellence in Performance	2000
Hunter College Presidential Research Award	1996
CUNY Research Award	1994
"L. Jánossy" Award of the Central Research Inst. for Physics	1985
Alexander von Humboldt Fellow	1983-84
Research Award of the Hungarian Acad. Sciences	1983
"Pál Selényi" Award of the Roland Eötvös Physical Society	1981
"Young Scientist" Award of the Hungarian Acad. Sciences	1976
"Summa cum laude", Roland Eötvös University	1975

Editorial Boards

Physical Review Letters - Divisional Associate Editor	2003-date
Fluctuations and Noise Letters - Topical Editor	2004-date

Professional Society Affiliations

Optical Society of America	Member	1990-date
American Physical Society	Member	1986-date
Roland Eötvös Physical Society	Secretary	1980-1990
Division of Quantum Electronics	Member	1975-date

Publications and Presentations

Over 160 refereed publications, 1 book, 5 book chapters (invited review articles)
 More than 70 invited talks, several plenary talks at major international conferences
 Organizer of over 15 major international conferences

Teaching and supervising experience

Teaching full curriculum of both undergraduate and graduate (PhD) courses, including the development and first offering at CUNY of advanced level laser physics, nonlinear and quantum optics, and quantum information/quantum computing courses for doctoral students.

Supervised 10 Ph.D. and 4 Master theses, currently working with two Ph.D. students, employed several postdoctoral research associates.

Speak and read five languages (English, French, German, Hungarian, Russian).