

CURRICULUM VITAE

Georgios Vasilakis

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PROFESSIONAL POSITIONS

2020-present	Institute of Electronic Structure and Laser, FORTH, Greece Researcher B (2024), Researcher C (2020)
2016-2020	Institute of Electronic Structure and Laser, FORTH, Greece Postdoctoral Research Associate. Group: Matter waves
2012-2016	Niels Bohr Institute, University of Copenhagen, Denmark Postdoctoral Research Associate, Group: Quantum Optics

EDUCATION

2011	Ph. D. in Physics, Princeton University
2006	Masters of Arts, Princeton University
2002	B.S. in Physics (specialization in Optoelectronics), University of Crete

AWARDS

2017-2019	Marie Curie Individual Fellowship, QUESCA
2003	Joseph Henry Prize, Princeton University
1997-2001	Hellenic National Fellowship for exceptional performance

RESEARCH EXPERIENCE

- Quantum optics. Quantum interface between light and atomic ensembles.
- Atomic-optical magnetometry.
- Atom trapping, cold atoms, Bose Einstein Condensation.
- Cavity optomechanics.

SELECTED PUBLICATIONS

- “*Interspecies spin-noise correlations in hot atomic vapors*”. [**Phys. Rev. A**](#) 108, 052822 (2023)
- “*Quantum back action evading measurement of motion in a negative mass frame reference frame*”. [**Nature**](#) 547, 191 (2017)
- “*Generation of a squeezed state of an oscillator by stroboscopic back-action-evading measurement*”. [**Nature Physics**](#) 11, 389 (2015)