

Stefanos Chatziathanasiou

Curriculum Vitae

Education

- 2015–present **PhD in Physics**, UNIVERSITY OF CRETE, Greece
- 2014 **MSc in Microelectronics and Optoelectronics**, UNIVERSITY OF CRETE, Greece
- 2011 **BSc in Physics**, UNIVERSITY OF CRETE, Greece

Laboratory Experience

- 2015–present **Attosecond Laboratory**, INSTITUTE OF ELECTRONIC STRUCTURE AND LASER/FORTH, Greece.
- 2012–2014 **Microelectronics Research Group**, INSTITUTE OF ELECTRONIC STRUCTURE AND LASER/FORTH, Greece.
- 2009 **Advanced Physics Laboratory**, UNIVERSITY OF CRETE, Greece.

Publications and Theses

- Time gated ion microscopy of light-atom interactions, P. Tzallas, B. Bergues, D. Rompotis, N. Tzatrafyllis, S. Chatziathanasiou, A. Muschet, L. Veisz, H. Schröder and D. Charalambidis, *J. Opt.* 20, 024018 (2018).
- Generation of attosecond light pulses from gas and solid state media, S. Chatziathanasiou, S. Kahaly, E. Skantzakis, G. Sansone, R. Lopez-Martens, S. Haessler, K. Varju, G. D. Tsakiris, D. Charalambidis and P. Tzallas, *Photonics* 4, 26 (2017).
- Polarization shaping of high-order harmonics in laser-aligned molecules, E. Skantzakis, S. Chatziathanasiou, P. A. Carpeggiani, G. Sansone, A. Nayak, D. Gray, P. Tzallas, D. Charalambidis, E. Hertz, and O. Faucher, *Scientific Reports* 6, 39295 (2016).
- Master Thesis: LO phonon enhanced relaxation of polaritons in semiconductor microcavities (2013).
- Thesis: Temporal observation of subsoil structure with geoelectric tomography method (2011).

Conferences, Schools and European Programs

- March 2017, The frontiers of attosecond and ultrafast X-ray science, Erice, Sicily, Italy.
- October 2016, Ultrafast dynamics with intense radiation sources, MEDEA Summer School, Crete, Greece.
- May 2013, 14th International Conference on Physics of Light-Matter Coupling in Nanostructures, Crete, Greece.
- Spring 2010, Erasmus European Exchange Program, University of Warsaw, Warsaw, Poland.
- March 2009, 8th Panhellenic Environment Congress, University of Crete and FORTH, Crete, Greece.

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Educational Experience

- 2011–2012 Teaching Assistant in Optics Laboratory, Physics Department, University of Crete.
- 2010–2014 Physics Private Tutoring

Computer Skills

- Operating Systems: Linux, Windows
- Programming languages: Mathematica, Fortran, Matlab
- Scientific Programs: Igor, Winspec, AgilentV, LATEX, Surfer, Grapher, RES2DINV

Languages

Greek	Mothertongue	
English	Advanced	<i>Full Proficiency</i>
French	Advanced	<i>Full Proficiency</i>
Polish	Basic	<i>Basic words and phrases only</i>
Spanish	Beginner	<i>Currently studying</i>

References

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