

Curriculum Vitae

Personal information

Name: Dimitrios Mansour
Work address: Department of Materials Science and Technology, University of Crete,
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Studies

2016-present **PhD candidate**
University of Crete, Department of Materials Science and Technology, Heraklion
(Greece)
Proposed PhD thesis title: *“Design and engineering of optical wave packets with
application in materials science”*

2014-2016 **MSc**
University of Crete, School of Medicine, Inter-Institutional Postgraduate Study
Program “Optics and Vision”, Heraklion, Greece
Master Thesis Title: *“Design Techniques for the Generation of Novel Optical
Wavepackets”*

2008-2014 **BSc**
University of Crete, Physics Department, Heraklion, Greece

2005-2008 **Apolytirion of General High School**
1st General High School of Drama, Drama, Greece

Awards and scholarships

11/17 **PhD scholarship**
Awarded a full PhD scholarship from Hellenic Foundation for Research and
Innovation [H.F.R.I., ΕΛΙΔΕΚ]

Training and Work experience

- 09/2017-01/2018 & 09/2018-01/2019** **Teaching assistant**
University of Crete, Department of Materials Science and Technology, Heraklion, Greece, Teaching assistant in the course “Materials 1: Introduction in Materials Science “
- 01/2017-10/2017** **PhD research fellow**
Design and development of a high precision profilometer in the framework of the program HERACLES, Institute of Electronic Structure and LASER, FORTH, Heraklion, Greece.
- 09/2012-01/2013** **Laboratory teaching assistant**
University of Crete Physics Department, Heraklion, Greece
Teaching assistant in the laboratory “Physics laboratory 2: Electromagnetism”:
- 09/2011-12/2011** **Internship**
Teaching of physical Science, 4th General High School of Heraklion, Heraklion, Greece
- 06/2017** **OPTO-CH 2017 Workshop: Lasers in Cultural Heritage Conservation a focused training-by-research course**
Institute of Electronic Structure and LASER, FORTH, Heraklion, Greece
- 10/2015** **FASTDOT Summer School “Photonics meets Biology”**
Institute of Electronic Structure and LASER, FORTH, Anissaras- Hersonissos, Crete, Greece

Publications

- 09/2018** **Dimitris Mansour** and Dimitris G. Papazoglou, "*Tailoring the focal region of abruptly autofocusing and autodefocusing ring-Airy beams*" OSA Continuum 1, 104-115 (2018)
- 11/2018** **Dimitris Mansour** and Dimitris G. Papazoglou, "*Ultra-broadband tunable continuous phase masks using optical aberrations*" Opt. Lett. 43, 5480-5483 (2018)

Conferences

- 06/2019** **Dimitris Mansour** and Dimitris G. Papazoglou, "*Shaped accelerating beams for materials processing*" in CLEO/EUROPE-EQEC 2019, 23 – 27 JUNE 2019, MUNICH, GERMANY
- 06/2019** **Dimitris Mansour** and Dimitris G. Papazoglou, "*Ultra-broadband partially coherent accelerating beams*" in CLEO/EUROPE-EQEC 2019, 23 – 27 JUNE 2019, MUNICH, GERMANY

Personal Skills

Languages	Greek [mother tongue], English [speak fluently and read/write with high proficiency], French [speak, read and write with basic competence].
Digital competence	Good knowledge of Python, Origin, Maxima, ImageJ, Matlab, Mathematica, Good Office Handling (Text Processing, Computing Sheets, Presentations, Databases), Good PC usage and file management, Good knowledge of Internet Services,
Other	Online marketing fundamentals in tourism from “Grow Greek Tourism Online” Certified by Google.
Leisure activities	Writing articles on an online blog, Podcast, Local guide in Google Maps