

CV

Matina Vlachou

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Personal Information

Birth: 04 December 1990, Kalymnos, Dodecanese, Greece

Nationality: Greek, Gender: Female

Education

2019-Today: PhD Candidate, Materials Science and Technology Department, University of Crete, Greece & IESL, FORTH

2019: Master's Degree, Materials Science and Technology, University of Crete & IESL, FORTH (8.65/10)

2016: Bachelor's Degree in Physics, Physics Department, University of Crete (6.22/10)

2009: Graduation from 1st Integrated Lyceum of Kalymnos, Dodecanese, Greece

Publication in Preparation

«High-speed optical profiler based on spectrally resolved white light interferometry»

Hands on Experience with Optical Setups

Design and development of a high precision profilometer, from scratch, in the framework of master thesis

Academic Teaching Experience

2017: Teaching assistant of the course «Physics Laboratory III – Optics», Materials Science and Technology Department, University of Crete

Scholarships

2018: Horizon 2020 European Union funding for Research and Innovation - FORTH

scholarship for MSc candidates within the project Heracles

Conferences

- **September 2018:** 1st International Conference on Nanotechnologies and Bionanoscience (NanoBion2018), Heraklion, Crete

Workshop - Summer Schools

- **October 19-20, 2016:** Participation in «Multi-Functional Nano-Carbon Composite Materials» workshop, University of Crete, Heraklion, Greece
- **July 02-06, 2018:** OPTO-CH 2018 Workshop, FORTH, Heraklion, Greece
- **October 16-20, 2019** «Photonics meet Biology» Summer School, FORTH, Heraklion, Greece

Computer Skills

- **Operation Systems:** Microsoft Windows, Linux
- **Programming Languages:** Python, Maxima (basic knowledge), Fortran
- **Software:** LaTeX, FreeCAD, Inkscape, Microsoft office

Languages

- **Greek:** Native speaker
- **English:** Certificate of Lower in English, University of Michigan
- **German:** State Certificate of German Language, Level B1
- **Spanish:** Basic – Currently learning

References

- **Emmanuel Stratakis**
Research Director at the Institute of the Electronic Structure and Laser (IESL) of the Foundation for Research and Technology-Hellas (FORTH) & Group leader of the Ultrafast Laser Micro- and Nano-processing (ULMNP) laboratory" at FORTH-IESL in Heraklion, Crete, Greece (Email: stratak@iesl.forth.gr, TEL.: (+30) 2810 391274)
- **Dimitris Papazoglou**
Associate Professor in Materials Science and Technology Department & Affiliated member of the Laser and Applications Research Group of IESL-FORTH in Heraklion, Crete, Greece (Email: dpapa@iesl.forth.gr, TEL.: (+30)2810391273)
- **Ioannis Remediakis**

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