

September 2015-November 2019 **University of Crete**

Department of Physics

B.S.c Physics

Modules covered included: Classical Mechanics, Quantum Mechanics, Semiconductor Physics, Optoelectronics, Solid State Physics, Differential Equations, Mathematics for Physicists, Astrophysics, Laboratories of Laser and Modern optics, Cosmology

Bachelor Thesis: “Pulsed laser Deposition and Characterization of thin films WS₂” supervised by Dr. Emmanuel Stratakis. Associate Researcher, Inst. Of Electronic Structure and LASER (IESL), Foundation of Research and Technology Hellas (FORTH).

Bachelor grade: 8.54/10 Qualification: “Excellent mark”/ “Arista”

September 2012-June 2015

1st General Lyceum of Rethymno, Crete, Greece

WORKING EXPERIENCE

September 2020-December 2020 Teaching Assistant as a master student, at the undergraduate course “Advanced Physics Laboratory”, Physics Department, University of Crete. Instructor: Prof. Eleftherios Iliopoulos.

September 2019-December 2019 Teaching Assistant as a master student, at the undergraduate course “Advanced Physics Laboratory”, Physics Department, University of Crete. Instructor: Dr. Ioannis Karadamoglou.

September 2019-Today

M.Sc. Photonics Nanoelectronics, Department of Physics, University of Crete, Greece - Institute of Electronic Structure & Laser, FORTH.

- March 2019-May 2019 Work experience as an undergraduate student at Ultrafast Laser Micro-Nano Processing Laboratory, Institute of Electronic Structure & Laser, FORTH.
- March 2019-September 2019 Undergraduate student, Department of Physics, University of Crete, Greece - Ultrafast Laser Micro-Nano Processing Laboratory, Institute of Electronic Structure & Laser, FORTH, Heraklion, Crete, Greece. Bachelor thesis: Pulsed laser deposition and characterization of thin films WS_2 , supervised by Dr. Emmanuel Stratakis.
- September 2018-December 2018 Teaching Assistant as an undergraduate student, at the undergraduate course “Optics Laboratory”, Physics Department, University of Crete. Instructor: Prof. Ioannis Kominis.
- February 2018-May 2018 Teaching Assistant as an undergraduate student, at the undergraduate course “Optics Laboratory”, Physics Department, University of Crete. Instructor: Prof.Theodoros Tzouros .
- February 2017-May 2017 Teaching Assistant as an undergraduate student, at the undergraduate course “Mechanics and Thermodynamics Laboratory”, Physics Department, University of Crete. Instructor: Prof.Andreas Zezas .
- September 2016-December 2016 Teaching Assistant as an undergraduate student, at the undergraduate course “Mechanics and thermodynamics Laboratory”, Physics Department, University of Crete. Instructor: Prof.Andreas Zezas.

CONFERENCE AND SEMINARS

- September 2015-Today Active attendance at physics colloquia and IESL seminars at University of Crete, Physics Dept., and Foundation of Research and Technology Hellas, respectively.

March 2018

17^o conference of association of Greek physicists

March 2021

American Physical Society March meeting 2021

SKILLS

EXPERIMENTAL

- Mechanical Exfoliation of Two Dimensional Crystals

QUALIFICATION &

- Pulsed laser irradiation in a precursor gas atmosphere

CHARACTERIZATION TECHNIQUES

- Raman Spectroscopy
- Micro-Photoluminescence Spectroscopy
- Micro-Differential Reflectance Spectroscopy
- Cryogenic System
- Pulsed laser deposition of thin films

LANGUAGES

Greek (Native)

English-owner of “Examination for the Certificate of Proficiency in English” (ECPE), Level:C2, University of Mishigan

French-owner of “Diplome de Langue Litterature Francaises”, Level:C2, University of Sorbonne.

COMPUTER SKILLS

Computation in Windows and Linux(Unix) environment

Knowledge of Origin Lab, Microsoft Word, Excel, Power-Point, FORTRAN77 programming language.

Owner of ECDL diploma.

MUSIC SKILLS

Owner of Harmony degree

In last the year of the degree of Flute

Piano knowledge

AWARDS/PRIZES/DISTINCTIONS

November 2019

Graduation of Physics Department, University of Crete, Second best grade of the Graduation (8.54/“Arista”)

REFEREES

Dr. Emmanuel Stratakis, Associate Researcher, Ultrafast Laser Micro and Nano-Processing (ULMNP), Inst. Of Electronic Structure and Laser (IESL), Foundation of Research and Technology Hellas (FORTH), Heraklion Crete, Greece.

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Professor Dimitrios Charalambidis, Physics Department, University of Crete, Heraklion Crete, Greece.

e-mail address: chara@iesl.forth.gr