

**PERSONAL
INFORMATION**

Name
Address
Phone number
E-mail address
Nationality
Date of birth

EDUCATION

01/09/2018 – 30/10/2020

Postgraduate Student, Physics Department
University of Ioannina, Ioannina (Greece)
MASTER'S degree at: theoretical and experimental physics

Diploma:

“Selective bond dissociation induced by strong two color ($\omega/2\omega$) laser fields: The case of CO₂ molecule”.

Academic supervisor:

Spyridon Kaziannis

01/09/2014 – 31/08/2018

Undergraduate Student, Physics Department
University of Ioannina (Greece), Bachelor degree (4years)

Diploma thesis title:

“Mid-IR asymmetric $\omega/2\omega$ fs laser fields with wavelength Tunability”

Academic supervisor:

Spyridon Kaziannis

TRAINING

01/03/2019 – 31/12/2019

Post graduate researcher, University of Ioannina
for the research program titled: HELLAS-CH.

Duties: | implementation of an experimental setup for the compression of a ~40fs Ti: Sapphire pulses down to 10fs using a gas-filled hollow fiber.

PARTICIPATION IN CONFERENCES

29-31 August 2019 | «Laser interaction with material: successes and prospects in university of Ioannina City
<https://hellasch.iesl.forth.gr/?p=295>

14-16 December 2012 | 26th National Selection Conference of European Youth Parliament Greece in Thessaloniki

LAB EXPERIENCE

Hands-on experience with building experimental set-ups using Femtosecond Lasers: Ti:Sapphire (center wavelength 800 nm, bandwidth ≈60 nm, 33 fs duration, 5.5 mJ/pulse and 1 kHz repetition rate).

Non-linear optics: Second harmonic generation, ultrafast Kerr-gate Optical shutter.

Temporal compression of fs pulses via spectral broadening in a hollow core photonic fiber.

ToF-Mass Molecular Spectroscopy.

LANGUAGES

Mother Tongue: | Greek
Foreign languages: | English, C2 (Certificate of Proficiency in English, University of Michigan)
| Italian, B1

COMPUTER SKILLS

Operating systems: | Windows, Linux
Programming Languages: | Basic knowledge of C and GDL
Physics related software: | Origin Lab Mat Lab Mathematica (Basic knowledge)
Other software: | Good command of Microsoft Office Suite (Word, PowerPoint, Excel)

TEACHING SKILLS

Experience at tutoring/teaching physics, mathematics, and chemistry at high-school students. Teaching molecular physics and chemistry at university students.

OTHER SKILLS

Exercising and Gymnastics, Drawing, Painting, Dancing and Cooking