

# Athanasia Pylostomou

Email: [nasia.pyl@materials.uoc.gr](mailto:nasia.pyl@materials.uoc.gr) or [nasia.pyl@gmail.com](mailto:nasia.pyl@gmail.com)

Mobile phone: +30 6985715370

## Education

### **Oct 2017 - Today**

Master in Materials Science and Technology, 120 ECTS credits, University of Crete (UOC), Materials Science and Technology Department

### **Sept 2011 - March 2017**

Bachelor Degree in Physics, 240 ECTS credits, University of Crete (UOC), Physics Department

### **Sept 2008 - June 2011**

High school Diploma, Leontios High School of Patissia, Athens (Lycée Léonin de Patissia Athènes),

## Experience

### **Oct 2018- Today**

Master thesis on: "Graphene-based electrodes for bioelectronic devices", Institute of Electronic Structure and Laser, Foundation for Research and Technology Hellas (IESL-FORTH)

### **February-June 2019**

Teaching Assistant for the course " Physics' Laboratory II: Electromagnetism and Optics". Teaching experiments to students of the Department of Materials Science and Technology, University of Crete, Greece.

### **3-18 September 2017**

Short Term Scientific Mission (STSM) action at Aix-Marseille University, LP3 laboratory, through COST program

### **July 2015- March 2017**

Diploma thesis on:" Study of cell adhesion and growth on thin films of two-dimensional crystals ", Institute of Electronic Structure and Laser, Foundation for Research and Technology Hellas (IESL-FORTH)

### **July 2014- Sept 2014**

Internship on: "Nanotechnology using ultrafast laser pulses", creation of nanoparticles with the laser ablation in liquids technique, Institute of Electronic Structure and Laser, Foundation for Research and Technology Hellas (IESL-FORTH).

## Honors and awards

### **October 2017-September 2018**

Received "Manassaki scholarship" from Department of Materials Science and Technology, University of Crete, for excellence and rare academic performance combined with hard work, exceptional zeal and efficiency in research activities.

## Conferences- Seminars-Summer Schools

### June 2018

20th conference of post-graduate students of Chemistry, June 25-27, 2018, Heraklion, Crete, Greece ( Participation with a Poster entitled " Study of cell adhesion and Growth on Thin Films of Two-Dimensional Crystals " for the categories of: a. Nanotechnology and Nanosciences and b. Materials and Molecules with applications in energy, health and environment)

### September 2017

International Conference on Laser Ablation, "COLA 2017", September 3- 8, 2017, Marseille, France

### March- April 2017

1<sup>st</sup> Conference of the Association of Physicists in Crete, "Events of Physics ", March 31- April 1, 2017, Heraklion, Crete, Greece

### November 2016

"11<sup>th</sup> Hellenic Polymer Society International Conference", November 3-5, 2016, Heraklion, Crete, Greece

### October 2016

"2<sup>nd</sup> Israel- Greece Joint Meeting On Nanotechnology and Bionanoscience", October 25-28, 2016, Heraklion, Crete, Greece

### April 2016

"Seminar in Biophotonics and Bioelectronics", April 13, 2016, Chania, Crete, Greece

### November 2015

Seminar "Laboratory safety", November 24, 2015, Heraklion, Crete, Greece

### September- October 2015

3<sup>rd</sup> Fast-Dot Summer School "Photonics Meets Biology", September 28-October 2, 2015, Hersonissos, Crete, Greece

### July- August 2014

Summer School "Biophotonics and Molecular Imaging-BiMi", July 28 – August 1, 2014, Heraklion, Crete, Greece

### July 2014

8<sup>th</sup> International Summer Schools "N&N, Organic Electronics & Nanomedicine", July 5-12, 2014, Thessaloniki, Greece

### July 2014

"11<sup>th</sup> International Conference on Nanosciences and Nanotechnologies (NN14) ", July 8-11, 2014, Thessaloniki, Greece

## Research Interests

Two-dimensional materials (Graphene and TMDs) and their thin films, Nanotechnology, Nanomaterials and applications in biomedicine and bionanosciences, Laser-Matter Interaction, Bioengineering and Bioelectronics.

## Computer Knowledge

Image J, OriginPro 8.5, Word, Excel, Power Point, Matlab

## Languages

**Greek:** Native language

**English:** First Certificate in English (FCE) - University of Cambridge,  
Certificate of Competency in English (ECCE) – University of Michigan

**French:** Certificat Pratique de Langue Française – Sorbonne C1 (Université Paris Sorbonne)

## Personal Interests- Activities

Learning foreign languages, listening to music, dancing, swimming, playing tennis, theater, cinema, poetry-literature, playing the piano, travelling.