



Theodoros Giannakis

Physicist, B.Sc.

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PERSONAL INFORMATION

- **Date of Birth:** 22/01/1993
- **Nationality:** Greek
- **Marital Status:** Single

EDUCATION

- Bachelor Degree in Physics, Solid State Physics, Physics Department -National and Kapodistrian University of Athens, Greece (Sep 2011 – Sep 2016)
 - Diploma thesis (completed in collaboration with The Institute of Nanoscience and Nanotechnology (INN) of NCSR “Demokritos” and Amen Technology):” Development and characterization of materials for thermoelectric applications” (Grade:10/10), Supervisors:Dr. D. Niarchos, , Dr. I. Lelidis, Dr. A. Ioannidou, and Dr. S. Makridis
 - Total GPA: 6.5/10 (“Very Good”)
- High School of Schimatari (Grade 17.9/20, Sep 2008 – Jun 2011)

SCIENTIFIC ASSOCIATIONS

- The Institute of Nanoscience and Nanotechnology (INN) of The National Center for Scientific Research “Demokritos” (Practice, Sep 2014 – Sep 2016)
- AMEN Technologies (Research Physicist, Sep 2014 - Sep 2016)
- Materials and Processes for Energy and Environmental Applications (Collaborator, Apr 2017 – Present)
- Hellenic Union of Physicists-Students’ Sector (Elected secretary of the Union, Dec 2013-Present)

EMPLOYMENT HISTORY

- Family Owned Business (Wholesale, Sep 2011-Present)
- Self-Employed Tutor (Tutoring high school students in the subjects of Physics and Mathematics, Sep 2015-Present)

CONFERENCES - WORKSHOPS

- “A novel one step synthesis and sintering of skutterudite CoSb_3 ”, (Poster, XXXII Panhellenic Conference on Solid State Physics & Material Science, Sep 2016, Ioannina, Greece)
- “Probing the Nanoscale Structure of Thermoelectric TiNiSn Alloys and Nanocomposites” (Presentation, LCLS II workshop, SLAC, Feb 2015, Palo Alto, USA)
- “Panorama of Pysical Sciences”, Dec 2013, Athens, Greece

PUBLICATIONS

- “One-Step Synthesis and Sintering of Skutterudite CoSb_3 : Smart Houses Materials?”, *T. Giannakis, A. Ioannidou, D. Niarchos, K. Karyofyllis S. Makridis* (Under submission)

FEATURED SKILLS

- Development of thermoelectric materials (Skutterudites, Half-Heusler)
- Scanning Electron Microscopy (SEM)
- Powder X-Ray Diffraction (PXRD)

COMPUTER SKILLS

- Microsoft office (Word, Excel, Power Point)
- OriginPro, Logger Pro
- Programming language: C

LANGUAGES

- Greek (Native Speaker)
- English (ECCE Certificate)
- Italian (Basics)

PERSONAL INTERESTS

- Basketball (Member of the National and Kapodistrian University of Athens- Physics Department Basketball team, Sep 2011 – Sep 2016)
- Music (Guitar player)
- Movies