

CV

George Miltos Maragakakis

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Personal Information

Birth: 14 May 1991, Heraklion, Crete, Greece Nationality: Greek Gender: Male

Education

2018-Today: PhD, IESL-FORTH & Physics Department, University of Crete

2017: Master of Science in “Advanced Physics”, Physics Department, University of Crete (8.23/10)

2016: Bachelor of Science in Physics, Physics Department, University of Crete (7.34/10)

2009: Graduation from 1st Integrated Lyceum of Heraklion (Senior High School), Crete, Greece (18.4/20)

Publications in Peer Reviewed Journals

- Maragakakis G M, Psilodimitrakopoulos S, Mouchliadis L, Paradisanos I, Lemonis A, Kioseoglou G, Stratakis E. Imaging the crystal orientation of 2D transition metal dichalcogenides using polarization-resolved second-harmonic generation. Opto-Electron Adv 2, 190026 (2019)

Conferences

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

Granted Research Projects

2020-2021: ESPA, “Crystal quality control of two-dimensional materials and their heterostructures via imaging of their non-linear optical properties” (PI: Prof. George Kioseoglou)

Fellowships

2019-2020: Stavros Niarchos Foundation - FORTH Fellowships for Ph.D. candidates in project ARCHERS

Academic Teaching Experience

2019: Teaching assistant of the course “Advanced Physics Laboratory I”, Physics Department, University of Crete

2017: Teaching assistant of the course “Physics Laboratory III – Optics”, Physics Department, University of Crete

CV

Research Experience

- **2018–Today:** PhD on 2D Materials and Multiphoton Microscopy, IESL-FORTH & Physics Department, University of Crete (Advisor: Research Director Emmanuel Stratakis)
- **2017:** Master’s Thesis on Astrophysics, Physics Department, University of Crete (Advisor: Prof. Andreas Zezas)
- **2016:** Undergraduate Thesis on Astrophysics, Physics Department, University of Crete (Advisor: Prof. Andreas Zezas)
- **2016:** Undergraduate Internship on Astrophysics at the Skinakas Observatory, Physics Department, University of Crete & IESL-FORTH (Advisors: Prof. Vasiliki Pavlidou & Prof. Konstantinos Tassis)

Academic Visits

21/10/2019-25/10/2019: Short-term visit to CNR-IOM, Trieste, Italy. Visit subject: Transmission Electron Microscopy (TEM). Host: European project NFFA

Summer Schools

16/9/2019-20/9/2019: Photonics meets Biology, FORTH, Crete, Greece

Outreach - Poster Presentation

December 2019: 1st FORTH Your Night

October 2019: 12th FORTH two-day conference

September 2019: FORTH Researcher's Night

Earlier Awards and Distinctions

- **2004-2005, 2005-2006, 2006-2007:** Awards by the Greek Mathematic Society for the performance in the Panhellenic Competition “Thales”
- **2004-2005, 2005-2006, 2006-2007:** Awards by the Greek Mathematic Society for the performance in the Panhellenic Competition “Euclid”
- **2007:** 6th prize for the performance in the 17th Panhellenic Physics Competition

Computer Skills

- **Programming Languages:** Python, Matlab, Fortran
- **Operation Systems:** Linux, Microsoft Windows
- **Software:** LaTeX, Microsoft office, LibreOffice, TOPCAT

Languages

- **Greek:** Native speaker
- **English:** Fluent - Certificate of Proficiency, University of Cambridge, 2007
- **French:** Basic - DELF 1er Degré (Unités A1-A4), 2005
- **Spanish:** Basic – Currently learning

References

Dr. Emmanuel Stratakis

Research Director & Group Leader of Ultrafast Laser Micro and Nano Processing (ULMNP) Laboratory, IESL-FORTH

E-mail: stratak@iesl.forth.gr , Tel.: (30) 2810 391274

Prof. George Kioseoglou

Associate Professor, Department of Materials Science and Technology, University of Crete. Affiliated member, IESL-FORTH

E-mail: gnk@materials.uoc.gr , Tel.: (30) 2810 394318

Prof. Konstantinos Makris

Assistant Professor, Physics Department, University of Crete

Affiliated member, IESL-FORTH

E-mail: makris@physics.uoc.gr, Tel.: (30) 2810 394227

Prof. Andreas Zezas

Associate Professor, Physics Department, University of Crete

Affiliated member, IESL-FORTH. Researcher, Harvard-Smithsonian CfA

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