Curriculum Vitae-Avramopoulos Aggelos

I. PERSONAL INFORMATION

Family Name, First Name Avramopoulos Aggelos

Place, Date of birth Athens, 27th February 1973

Gender Male

Marital Status Married with two children

E-mail aavram@eie.gr; aavramopoulos@uth.gr

II. EDUCATION

1. PhD (2000 – 2004): 17-5-2004, Department of Chemistry, Physical Chemistry Section, National and Kapodistrian University of Athens,Greece, (http://thesis.ekt.gr/thesisBookReader/id/22358#page/1/mode/2up); **2. MSc (1998 – 2000)**: 6-11-2000, Department of Chemistry, Physical Chemistry Section, National and Kapodistrian University of Athens,Greece ;**3. BSc (1992 – 1998)**: Department of Physics, University of Ioannina, Greece.

III. CURRENT POSITION: Assistant Professor (non-tenured), Department of Physics, University of Thessaly, Field of expertize, "Advanced Computational Methods for the Design of Materials with non-linear optical character", government gazette: ΦΕΚ, 537/10-04-2019, τ. Γ', and ΦΕΚ, 410/10-04-2020, τ. Γ'

IV. PREVIOUS POSITIONS: i) 2004 – 2018, Computational Chemistry Group, Institute of Biology, Medicinal Chemistry and Biotechnology, National Hellenic Research Foundation, Athens, Greece, Post-Doc researcher and Research Associate (participation in high competitive research projects funded by EU and national funds) ii)15/06/2007 – 17/08/2007, 4/07/2011-4/08/2011, Institute de Quimica Computational i Catalisi, University of Girona, Spain, Research Associate; iii) 3/07/2008-3/08/2008, Department of Earth Sciences, Laboratory of First Principles Simulations in Earth Sciences, University of Cambridge, Post-Doc researcher; iv)14/06/2009-14/07/2009, Department of Earth Sciences, Laboratory of First Principles Simulations in Earth Sciences, University of Cambridge, Post-Doc researcher, v) 25/7/2013 – 1/8/2013, L 'Équipe de Chimie Physique University of Pau, France, Research Associate

V. TEACHING ACTIVITIES

2004 – 2020 Department of Informatics and Computer Technology, Faculty of Applied Sciences, Technological Education Institute of Sterea Ellada, and University of Thessaly (2019-2020) i) Electronic Physics, ii) Introduction in Electric Circuits, iii) Combinational Design Circuits, iv) Sequential Design Circuits, iv) Microprocessors and Microcontrollers (programming in assembly language) v) Digital Systems I/II, vi) Computer-aided design of circuits, vii) Physics. **Supervision** of 14 Bachelor Thesis.

VI. RESEARCH INTERESTS and ACTIVITIES

Computational Quantum Chemistry, Molecular Physics, Linear and Non-Linear Optical Properties of Organic/Inorganic materials, development and application of methods for the elucidation of mechanisms related with Linear and Non-Linear Optical Properties of molecules and molecular materials. Design of Molecular Materials for applications in Photonics and Materials Science. Theoretical and Computational nano-physics and chemistry, Computational drug design. **REVIEWER** of research articles for ACS, Wiley, Elsevier, Royal Society of Chemistry, **EVALUATOR of RESEARCH PROPOSALS** for GRNET, IRIS (Cyprus) and UEFISCDI (Romania). **Talks in Conferences**: 13. I have organized **4** symposia and **1** workshop. **Guest Editor:** International Journal of Molecular Sciences, topic of special issue: Computational Design of Materials for Applications (Drugs, Photonics), https://www.mdpi.com/journal/ijms/special_issues/Drugs_Photonics

VIII. PUBLICATIONS

Overview: **47** publications in peer-review journals, **2** publications in non-peer review journals, **11** publications in conferences proceedings, **5** publications in book chapters. Number of citations (non-self citations): **965 (851)** (retrieved from Scopus, 28/4/2020, author ID:56030091400), h-index:**19(18)**, Total Citations in Google Scholar: **1037**, h-index:**20** (https://scholar.google.com/citations?user=kGEfwn8AAAAJ &hl=el),ORCID: http://orcid.org/0000-0002-0916-8235.

Relevant Publications:

1. **A. Avramopoulos** *et al.***,** *J. Phys. Chem C,* **124,** 4221, 2020
2. P. Banerjee *et al.*, *Chem. Phys. Lett.,* **16,** 91, 2019;
3. **A. Avramopoulos** *et al.***,** *J. Mat. Chem. C.,* **6,** 91, 2018;
4. T. Miletic et al., *Chem.Eur.J.* **23,** 2363, 2017;
5. **A. Avramopoulos** *et al.*, *J. Phys. Chem. C.,* **120,** 9419, 2016.
6. K. D. Papavasileiou et al., *J. Mol. Craph. Model.,* **74,** 177, 2017.
7. **A. Avramopoulos** et al. *J. Phys. Chem A.,* **120,** 284, 2016.
8. G. Leonis et al., *J. Phys. Chem B.* **119,** 14971, 2015.
9. P. Karamanis et al. *J. Comp. Chem.* **35,** 829, 2014.
10. B. J. Coe et al. *Chem Eur. J.,* **19,** 15955, 2013.
11. **A. Avramopoulos** et al. *J. Comp. Chem.* **34,** 1446,2013.