GEORGE S. POLYMERIS

I. PERSONAL DATA

Date of birth: 23 / 08 / 1975

Place of birth: Thessaloniki, Greece

Current occupation: Researcher, Institute of Nanoscience and Nanotechnology, NCSR "Demokritos"

Previous occupation: Assistant Professor, Ankara University, Institute of Nuclear Sciences

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II. EDUCATION – LABORATORY EXPERIENCE

1993 – 1998: **Bachelor (**Ptychion**)** in Physics from the Aristotle University of Thessaloniki (Greece) –GPA 7.72 out of 10.

2000 – 2006: **Ph. D. Degree** in Luminescence Dosimetry received from the Nuclear and Elementary Particle Physics Laboratory, Physics Department, Aristotle University of Thessaloniki (Greece), in collaboration with the Archaeometry Laboratory, Cultural and Educational Technology Institute (C.E.T.I.).

2007 – 2009: **Post Doc Research** in Luminescence Dosimetry, Archaeometry Laboratory, Cultural and Educational Technology Institute (C.E.T.I.), "Athena" Research and Innovation Center in Information, Communication and Knowledge Technologies.

2009 – 2010 : **Post Doc Fellowship** in Luminescence Dosimetry and Applications, IŞIK University, Faculty of Science and Arts, Physics Department, Laboratory of Luminescence Research and Archaeometry, 34980-Sile, Istanbul, Turkey, received by TUBITAK (The Scientific and Technological Research Council of Turkey).

2011 – 2013 : **Post Doc Fellowship** in Materials Science, Aristotle University of Thessaloniki, Physics Department, Solid State Physics Section, 54124-Thessaloniki, Greece, received in the framework of the ThermoMag Project, which is co-funded by the European Commission in the 7th Framework Programme (contract NMP4-SL-2011-263207), by the European Space Agency and by the individual partner organizations.

III. EXPERIMENTAL CO-SUPERVISION OF THESIS

A. Undergraduate: 16

B. Master: 12 completed, 1 pending

C. Ph.D.: 8 completed, 4 pending

IV. PUBLICATIONS

A. Dissertations

A.1 "Low dose detection by thermoluminescence and optically stimulated luminescence using minerals as time integrating luminescence dosimeters.", Aristotle University Publications (in Greek).

A.2 "Low dose detection by thermoluminescence and optically stimulated luminescence using minerals as time integrating luminescence dosimeters." *Ancient TL 24 (2), 53 – 54, 2006.*

B. International peer-reviewed journals: *175*

C. International Symposia – Conferences: *136*

D. Local Symposia – Conferences: *57*

E. Submitted to peer-reviewed journals: *7*

F. Book Chapters

1. Thermally Assisted Optically Stimulated Luminescence (TA – OSL), in: *Advances in Physics and Applications of Optically and Thermally Stimulated Luminescence*, Editors: R. Chen and V. Pagonis, World Scientific Publishing, 2019.

2. Highly efficient Mg_2Si-Based Thermoelectric Materials: A Review on the Micro- and Nanostructure Properties and the Role of Alloying, in: *Highly Performed Silicide Thermoelectric Materials, Thermoelectric Energy Conversion: Theories and Mechanisms, Materials, Devices, and Applications*, Editor: Ryoji Funahashi, Elsevier Publishing, 2021.

V. REVIEWER: *15* Journals of *Elsevier Publishing*, ***7*** Journals of *Wiley Publishing*

VI. EDITOR: Mediterranean Archaeometry and Archaeology

VII. CITATIONS: 2141 so far (*h* index 23) according to scopus.

VIII. FOREIGN LANGUAGES:

- *Greek* (native speaker)
- *English* (fluently)
- *French* (very well)
- *Turkish* (elementary)

IX. TECHNIQUES:

- *Stimulated Luminescence* (TL, OSL, IRSL, TA-OSL, PL)
- *Electron Paramagnetic Resonance* (EPR)
- *FTIR, SEM, TEM, XRD*
- *Gamma Spectroscopy*
- *Gas Proportional Counting (GPC) for 14C measurements*