

Curriculum Vitae

Mr. Lazaros Laskaridis

PhD Candidate
Laboratory of Nonlinear Systems – Circuits & Complexity (LANSCOM)
Department of Physics
Aristotle University of Thessaloniki, Greece
Webpages: <https://www.researchgate.net/profile/Lazaros-Laskaridis>
Emails: llaskari@physics.auth.gr

Personal Data

Date of Birth 26-06-1995
Place of Birth Thessaloniki, Greece
Nationality Greek

Summary of Scientific – Academic Activities

- Participate in 3 international conferences (NSC 2021, EDIESCA 2021, MOCAS 2022)

Education

2021 - Now Phd Candidate Physics Department, Aristotle University of Thessaloniki (AUTH), Greece. “Study of the Dynamic Behavior of Nonlinear Circuits with Memristors”.

2020-2021 9 month service in the Greek Army. Signals Division.

2018-2020 MSc. Computational Physics. Department of Physics, AUTH. GPA: 9.38/10

2013-2018 Bachelor. Department of Physics, AUTH. GPA: 8.25/10.

Research Interests

- Chaotic Systems
- Memristor
- Nonlinear Circuits
- Chaos in Education
- Data analysis

Notable Publications

- 1. Nonlinear behavior of a micro-resonator with electrostatic force on both sides that is described by a duffing type oscillator, Laskaridis L., Maaita J.O., Meletlidou E., Discontinuity, Nonlinearity and Complexity 11(4) (2022) 735–749 | DOI:10.5890/DNC.2022.12.011.
- 2. Lazaros, L., Christos, V., & Ioannis, S. (2022). Analysis of a Three-Dimensional Non-autonomous Chaotic Circuit with a Thermistor as a Physical Memristor. In *Complex Systems and Their Applications* (pp. 217-230). Springer, Cham.
- 3. Laskaridis L, Volos C, Stouboulos I. Antimonotonicity, Hysteresis and Coexisting Attractors in a Shinriki Circuit with a Physical Memristor as a Nonlinear Resistor. *Electronics*. 2022; 11(12):1920. <https://doi.org/10.3390/electronics11121920>.
- 4. L. Laskaridis, C. Volos and I. Stouboulos, "Study of a Chaotic Circuit with a Physical Memristor as a Nonlinear Resistor," *2022 11th International Conference on Modern Circuits and Systems Technologies (MOCAS 2022)*, 2022, pp. 1-4, doi: 10.1109/MOCAS 54814.2022.9837699.
- 5. Jamal Odysseas Maaita, Lazaros Laskaridis, Dimitrios Prousalis & Christos Volos, The effect of the same damping parameter presence in a system of linear and nonlinear oscillators, International Conference on Mathematical Analysis and Applications in Science and Engineering – ICMASC'22 in Portugal 27 – 29 June 2022.