

# Loukas Michalas

Date of Birth: 16<sup>th</sup> May 1980

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## EDUCATION

- 2005 - 2009**    **Ph.D. in Physics** – (*Thin Film Semiconductor Devices*)  
Physics Department, University of Athens, Greece
- 2002 - 2004**    **M.Sc. in Physics of Materials**  
Physics Department, University of Athens, Greece
- 1998 - 2002**    **B.Sc. in Physics**  
Physics Department, University of Athens, Greece

## PROFESSIONAL EXPERIENCE

- 2024 - present**    **Assistant Professor**  
Department of Electrical and Computer Engineering, DUTH, Xanthi, Greece
- 2020 - 2024**    **Postdoctoral Researcher**  
Microelectronics Research Group, FORTH-IESL, Heraklion, Greece
- 2022**  
(2 months)    **Visiting Researcher**  
Imperial College London, UK
- 2021**  
(2 months)    **Visiting Researcher**  
RF Microtech, Perugia, Italy
- 2018 - 2019**    **Senior Research Fellow**  
Zepler Institute for Photonics and Nanoelectronics, Univ. of Southampton, UK
- 2016 – 2018**    **Research Fellow**  
Electronics & Computer Science (ECS), Univ. of Southampton, UK
- 2015 – 2016**    **Postdoctoral Fellow**  
IMM-CNR, Rome, Italy
- 2015**  
(1 month)    **Visiting Researcher**  
Keysight Technologies, Linz, Austria
- 2015**  
(1 month)    **Visiting Researcher**  
IEMN-CNRS, Lille, France
- 2011 – 2014**    **Research Associate**  
Physics Dept., University of Athens, Greece

## RESEARCH INTERESTS

- AI for nanotechnology
- RF MEMS
- Memristors
- Thin film semiconductor devices
- Sustainability aspects in nanotechnology
- Science Outreach

## PUBLICATION SUMMARY

- 42 Peer Reviewed Journals
- 32 Reviewed Conference Proceedings
- > 50 Conferences/Workshop Contributions (Abstracts/without fully published Proceedings)