

# Loukas Michalas

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

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## EDUCATION

- 2005 - 2009**     **Ph.D. in Physics – Semiconductors/Solid State Electronics**  
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

## RESEARCH EXPERIENCE

- 2020 - present**     **Research Scientist**  
Microelectronics Research Group, FORTH-IESL, Heraklion, Greece
- 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**     **“Marie-Curie” 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

## TEACHING EXPERIENCE

- 2011 - 2012**     **Visiting Teaching Staff**  
**Electronics Eng. Dept., TEI of Piraeus, Greece**  
Task: Semiconductors & Optoelectronics
- 2004 – 2008**     **Teaching Assistant – Lab Instructor**  
**Physics Dept., University of Athens, Greece**  
Task: Electromagnetism, Waves, Optics

## RESEARCH INTERESTS

- Semiconductor Materials and Devices
- RF MEMS
- Microwave Microscopy
- Metal-Oxide Memristors
- Science Outreach

## PUBLICATION SUMMARY

- 37 Peer Reviewed Journals
- 31 Reviewed Conference Proceedings
- 50 Conferences/Workshop Contributions (Abstracts/without fully published Proceedings)