

CURRICULUM VITAE

1. PERSONAL DATA

Surname: VASILE
First name: Nicolae-Tiberius
Date/Place of birth: 23 December 1984 / Buzau, Romania
Nationality: Romanian
Gender: Male



Languages: English (spoken and written)
Romanian (native language)
Office: National Institute for Laser, Plasma and Radiation Physics - INFLPR
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2. EDUCATION AND TRAINING

PhD in Physics

Dates / Institution: Sept. 2016 / Faculty of Physics, University of Bucharest, Romania
Granted by Order 5895/28.11.2016 of the Ministry of National Education and Scientific Research

Title of the thesis: "Interferential metrology research extending from visible range to far infrared and THz"

Specialization: Optics, Spectroscopy and Lasers

<https://drive.google.com/drive/folders/0B8QmaaRXFXpKb1JMbdBWDBSVIU>

Bachelor Degree in Engineering Physics

Dates / Institution: 2009 / Faculty of Physics, University of Bucharest, Romania

Title of the thesis: "Transcranial stimulator"

Specialization: Applied Electronics

Training

Dates / Institution: 03 - 07 December 2018 / Fraunhofer Institute IOF, Jena, Germany
Event: "Car Engines Test Stands - Laser Engineering Techniques & Laser Processes", 691688-LASIG-TWIN EU Project

Dates / Institution: 19 - 22 November 2018 / University of Liverpool, School of Engineering, Liverpool, UK
Event: "Packing and Bonding Technologies for Harsh Environments - Sputtering Metallization, Solder-jet Bumping and Alignment Turning," 691688-LASIG-TWIN EU Project

Dates / Institution: 22 - 26 October 2018 / Fraunhofer Institute IOF, Jena, Germany
Event: "Packing and bonding technologies for harsh environments" – The assembly of a "golden laser spark plug" using the solder jet bumping technology, 691688-LASIG-TWIN EU Project

Dates / Institution: 07-16 October 2018 / Laboratoire EM2C, Ecole CentraleSupélec Paris, France
Event: "Aeronautical engines test stand" – PIV measurements on fuel droplets, 691688-LASIG-TWIN EU Project

Dates / Institution: 14-16 July 2014 / University of Leeds, School of Electronic and Electrical Engineering, Leeds, United Kingdom
Event: Joint School of Electronic and Electrical Engineering and BM1205 and MP1204 COST Actions; Training School in Terahertz, Mid Infrared and Millimeter Wave Technology and its Application on Sensing and Imaging.

Awards

Excellent Paper Award for Young Scientist

Dates / Event: 19-22 Jul 2017 / Laser Ignition Summer School, Brasov, Romania
Presentation title: "Hyperspectral Imaging via Single - Pixel Camera"

Excellent Paper Award for Young Scientist

Dates / Event: 21-24 Aug 2014 / ATOM-N 2014 Conference
Presentation title: "Implementation of Hadamard Spectroscopy Using Moems as a Coded aperture"

3. WORK EXPERIENCE

National Institute for Laser, Plasma and Radiation Physics

Laboratory of Solid -State Quantum Electronics, 409 Atomistilor Str., Magurele 077125, Ilfov, Romania

Period/Position: 06/2018 - present Scientific Researcher

Laser Department, 409 Atomistilor Str., Magurele 077125, Ilfov, Romania

Period/Position: 01/2013 - 04/2018 Scientific Researcher

01/2010 - 12/2012 Research Assistant

S.C. Optoelectronica 2001 S.A

409 Atomistilor Str., Magurele 077125, Ilfov, Romania

Period/ Position: 04/2010 - 01/2011 **Optical design engineer** during PORPARDET project funded under: FP7-SME http://cordis.europa.eu/result/rcn/58299_en.html

4. COMPUTER SKILLS AND COMPETENCES

Operating systems: Windows, Linux
Programming languages: Labview
Electronic circuit simulation: LT Spice
PCB design: Sprint-Layout - Abacom
Numeric calculus: Mathematica
Data analysis and representation: Origin Pro, MS Excel
Text editing: MS Word, LaTeX
Presentations: MS PowerPoint