

CURRICULUM VITAE (Short Version)

Full name	Mr. Vlad-Andrei ANTOHE, Ph.D. Eng.
BrainMap ID:	U-1700-031R-0638 (www.brainmap.ro/vlad-andrei-antohe)
Date of birth:	October 11 th , 1979
Nationality	Romanian
Permanent position: (October 2016 – Present)	Associate Professor (www.unibuc.ro/user/vlad.antohe/) University of Bucharest (UB), Faculty of Physics, www.fizica.unibuc.ro Bucharest-Măgurele, ROMANIA, e-mail: vlad.antohe@fizica.unibuc.ro
Second affiliation: (May 2016 – Present)	Scientific Collaborator (www.uclouvain.be/en/directories/vlad.antohe) Université Catholique de Louvain (UCLouvain), www.uclouvain.be/imcn Louvain-la-Neuve, BELGIUM, e-mail: vlad.antohe@uclouvain.be
WORK EXPERIENCE	
Jan. 2013 – May 2016	Post-Doctoral Researcher , UCLouvain, BELGIUM
April 2006 – Dec. 2012	Research Assistant , UCLouvain, BELGIUM
March 2003 – May 2006	Assistant Lecturer , UB, Faculty of Physics, ROMANIA
ACADEMIC EDUCATION	
2006 – 2012	Doctor Degree (Ph.D.) in Applied Engineering Sciences UCLouvain, Louvain School of Engineering, BELGIUM
2003 – 2005	Master Degree (M.Sc.) in Electronics and Metrology UB, Faculty of Physics, ROMANIA
1998 – 2003	Engineering Degree (M.Eng.) in Electronics & Communications University POLITEHNICA of Bucharest (UPB) Faculty of Electronics and Telecommunications, ROMANIA
1998 – 2002	Bachelor Degree (B.Sc.) in Physics UB, Faculty of Physics, ROMANIA
ADDITIONAL TRAINING	
2005 (3 Months)	Research & Development Stage The National Laboratory of Nuclear Physics, Frascati, ITALY
2004 (6 Months)	ERASMUS/SOCRATES Scholarship Hannover University, Solid State Physics Dept., Hannover, GERMANY
JOB DUTIES & SKILLS	
Teaching Activities	Lectures, seminars & labs. for graduates and undergraduates <i>Nanotechnology, PVD methods, electrochemistry, scanning electron microscopy, organic/inorganic materials for opto-/electronic devices</i>
Guiding & Mentoring	Scientific guidance and supervision of B.Sc. and M.Sc. students <i>4 (out of 7) M.Sc. dissertations have been published in ISI journals</i>
Outreach Actions	Implication in science popularization events (on a periodical basis) <i>Măgurele School of Science and Technology, School in a different way, Physics from A to Z, Annual conference of the Faculty of Physics, etc.</i>
Research Experience (more than 15 years)	<ul style="list-style-type: none"> • Development of supported and self-supported nanoporous alumina • Growth of nanowires & nanotubes by template-free/assisted methods • Design of hybrid organic/inorganic nanomaterials for opto-/electronics • Fabrication and characterization of electronic & optoelectronic devices

SCIENTIFIC OUTPUT Honours and awards	<ul style="list-style-type: none"> • Best poster award for the poster entitled: “<i>Study of the physical properties of P3HT, PCBM and Si:PCPDTBT thin films based photovoltaic structures</i>”, presented at the E-MRS 2019 Spring Meeting, Laser interactions with materials: from fundamentals to applications (Symp. V), May 27-31, 2019, Nice, France • Best poster award (sponsor’s prize of 400 EUR offered by AcelorMittal) for the poster entitled: “<i>Novel Cu nanorod arrays for optoelectronic devices</i>”, presented at the 3rd Autumn School on Physics of Advanced Materials (PAMS-3), September 22-28, 2018, Technological Educational Institute (TEI) of Crete, Heraklion, Greece • In 2011, Romanian Academy Prize: “Dragomir Hurmuzescu” for the research paper entitled: “<i>Nanowire-templated microelectrodes for high-sensitivity pH detection</i>”, published in Applied Physics Letters 94(7), 3118 (2009), doi: 10.1063/1.3089227 • In 2009, the same article (doi: 10.1063/1.3089227) was selected to be included in: Virtual Journal of Nanoscale Science & Technology: Organic-Inorganic Hybrid Nanostructures 19(9), March 2 (2009) 			
Reviewer activity	From 2009, referee for several ISI journals: Nanotechnology (IOPscience), J. Physics D (IOPscience), Physica Scripta (IOPscience), Measurement Science and Technology (IOPscience), Materials Research Express (IOPscience), Applied Physics Letters (AIP), Materials Research Bulletin (Elsevier), Applied Surface Science (Elsevier), Applied Physics A (Springer), J. Nanoscience and Nanotechnology (ASP)			
Workshops & conferences	Attendance of 61 national and international conferences (6 plenary talks, 10 invited lectures, 27 oral presentations and 18 posters) held in: Romania, Ukraine, Turkey, Greece, Poland, France, Portugal, Belgium, The Netherlands, Germany, United States, Canada, Mexico and China			
Scientific publications	44 scientific publications (as principal author or co-author) from which: 39 research articles and reviews, 3 book chapters, one laboratory booklet, as well as one book (as the only author)			
Scientometric data (updated: 10/10/2019)	Data base	Google Scholar (GS)	Scopus (S)	Web of Science (WoS)
	Citations	542	432	439
	h-index	15	13	13