

Curriculum Vitae

First Name : Ioan

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Date and place of birth : 8.02.1980, Sighetul Marmatiei, Maramures

Sex : Male

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- Studies :**
- 1994 – 1998 - “Dragos Voda” secondary school , Sighetul Marmatiei, Maramures, Informatics class
 - 1998 - 2002 - University of Bucharest, Faculty of Physics, section “Optics, Spectroscopy, Plasma and Laser Active Media”
 - 2004-2011 PhD student, coordinator Acad. Prof. V.I. Vlad
 - 2005 - Winter College on Optics and Photonics in Nanoscience and Nanotechnology, ICTP, Trieste, Italy – ICTP Grant
 - 2005 - Summer School DAAD “Trends in Contemporary Optics”, Sinaia, Romania – DAAD Grant
 - 2006 - Summer School on “Photonic Metamaterials: From Micro to Nano Scale”, PHOREMOST and “Ettore Majorana” Foundation and Center for Science Culture International School of Quantum Electronics – EMFCSC, Erice, Italy – PhOREMOST Grant
 - 2007 - Preparatory School and Winter College on Fibre Optics, Fibre Lasers and Sensors, ICTP, Trieste, Italy – ICTP Grant
 - 2007 - International School of Quantum Electronics 44th Course: Advances on Nanophotonics II, PHOREMOST and “Ettore Majorana” Foundation and Center for Science Culture International School of Quantum Electronics – EMFCSC, Erice, Italy – PhOREMOST Grant
 - 2008 – Preparatory School and Winter College on Micro and Nano Photonics for Life Sciences, ICTP, Italy – ICTP Grant
 - 2009 – PADI Divemaste – Dive Leader
 - 2010 –Preparatory School and Winter College on Optics and Energy, ICTP, Italy – ICTP Grant
 - 2011 – defense of the PhD thesis “Nonlinear optics in nano-structures”, coordinator Acad. Prof. V.I.Vlad, - “Cum laude” level of distinction.
- Work :**
- N.I.L.P.R.P., Laser Department, Nonlinear and Information Optics Group, Romanian Center of Excellence in Photonics (ROCEP) – research assistant from May 2003 to June 2006
 - N.I.L.P.R.P., Laser Department, Nonlinear and Information Optics Group, Romanian Center of Excellence in Photonics (ROCEP) –

scientific researcher from June 2006

- Founding member and Vice-President of The Respiro Underwater Research Society from 2010
- N.I.L.P.R.P., CETAL, Head of the CETAL-1PW laser operation team from November 2013
- Extreme Light Infrastructure - Nuclear Physics, Horia Hulubei National Institute for Physics and Nuclear Engineering – junior researcher from November 2013

Foreign languages :

- English , Italian

Seminars, conferences or research attended

- 7th International Conference on Optics “ROMOPTO 2003”, Constanta, Romania, 2003
- SPIE 49th Annual Meeting, USA, 2004
- The International Symposium on Optical Science and Technology, USA, 2004
- Research stage in femtosecond fiber laser, HORIBA Yvon GmbH, Germany, 2006
- Research stage on fabrication and linear characterization of QD and presentation of a seminar lecture about Nonlinear Optics and Quantum Dots, TU Dresden, Germany, 2006
- 8th International Conference “Micro- to Nano-Photonics - ROMOPTO 2006”, Sibiu, Romania, 2006
- PhOREMOST Year 2 General Assembly Meeting, Vilnius, Lithuania, 2006
- PhOREMOST 2nd Annual Workshop “Advances in Nanophotonics” , Vilnius, Lithuania, 2006
- PhOREMOST “ADVANCES IN NANOPHOTONICS” Workshop, Istanbul, Turkey, 2007
- Research stage on fabrication and linear characterization of QD and presentation of a seminar lecture about Nonlinear Optics and Quantum Dots and our preliminary results, TU Dresden, Germany, 2007 – PhOREMOST NoE Grant
- EOS Annual Meeting, Paris, 2008, oral presentation: “Nonlinear properties of thiol-capped CdTe QD obtained by aqueous synthesis”
- Research stage on fabrication and linear characterization of QD, TU Dresden, Germany, 2008
- CLEO®/Europe-EQEC, Munich, 2009, oral presentation: “Size dependent nonlinear properties of thiol-capped CdTe QDs” – COST Grant
- 9th International Conference “Micro- to Nano-Photonics - ROMOPTO 2009”, oral presentation: “Optical limiting and phase modulation in colloidal CdTe nanocrystals”
- Research stage on fabrication and linear characterization of QD, TU Dresden, Germany, 2009
- CLEO/Europe-EQEC, Munchen, 2011, oral presentation: “All - Optical Spatial Light Modulator using CdTe Quantum Dots Author block” – COST Grant
- 13th International Conference on Transparent Optical Networks (ICTON), Stockholm, 2011, oral presentation: “Large optical nonlinearities in copolymers with new pendant azobenzene moieties”
- 2012-2013 – 4 training stages at THALES in the field of High Power Laser

- Reviewer for international scientific journals**
- Optics Express (1 paper)
 - Nanotech (1 paper)
- Other notices :**
- member in the Organizing Committee of the 7th International Conference on Optics, "ROMOPTO 2003"
 - 2004 – President of The Romanian SPIE Student Chapter
 - member in the Organizing Committee of the 8th International Conference on Optics, "ROMOPTO 2006"
 - 2007 – Vice-President of The Romanian SPIE Student Chapter
 - member in the Organizing Committee of the 9th International Conference on Optics, "ROMOPTO 2009"
 - member in the Organizing Committee of the 10th International Conference on Optics, "ROMOPTO 2012"
 - <http://www.researcherid.com/rid/C-4467-2011>
- Hobbies :** Photography :
- Participant at the International Art Fair – TIAV 2001
 - Several Photo Reportage in "Adevarul" – Romanian Independent National Newspaper
- Mountaineering