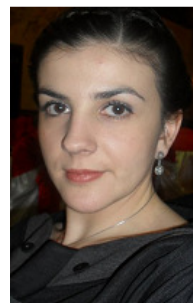


CURRICULUM VITAE

1. PERSONAL DATA

Surname: TIHON (MATEI)
First name: Cristina-Elena
Date/Place of Birth: 23 October 1985 / Nehoiu, Buzau, Romania
Nationality: Romanian
Gender: Female
Languages: English (good)
Romanian (native language)



Office: National Institute for Laser, Plasma and Radiation Physics (INFLPR)
Laboratory of Solid-State Quantum Electronics
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2. EDUCATION AND TRAINING

PhD in Physics

Dates / Institution: October 2010 - June 2015 / Faculty of Physics, University of Bucharest, Romania
Title of the Thesis: Luminescence Processes in Upconversion Phosphors in Infrared and Visible
Specialization: Physics

MSc Degree in Physics

Dates / Institution: October 2008 - February 2010, Faculty of Physics, University of Bucharest, Romania
Title of the Thesis: "Luminescence Properties of Partially Disordered Eu-doped Langasite Crystals"

Diploma in Biophysics

Dates / Institution: October 2004 - June 2008 / Faculty of Physics, University of Bucharest, Romania
Title of the Thesis: "Utilization of Absorption Spectrophotometry in the Study of Protein Human Serum Albumin"

3. WORK EXPERIENCE

National Institute for Laser, Plasma and Radiation Physics

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

Period / Position:	01/2013 - present	Scientific Researcher
	01/2009 - 12/2012	Research Assistant
	09/2008-12/2008	Technician

4. PUBLICATIONS

Peer-review journals: 14
Contributed talks at International Conferences: 43

6. RESEARCH INTERESTS

- Spectroscopy (including laser spectroscopy) of laser crystals and nano-crystals doped with rare earth and transitions ions; study of the energy transfer processes in concentrated active crystals.
- Physics and techniques of solid state lasers and laser active media.
- Crystal optics.

7. COMPUTER SKILLS AND COMPETENCES

Operating system:

Windows

Data analysis and representation:

Microcal Origin

Text editing:

OpenOffice.org, MS Word

Presentations:

OpenOffice.org, MS PowerPoint