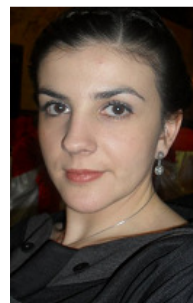


# CURRICULUM VITAE

## 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  
409 Atomistilor Str., P.O. Box MG-36, Magurele 077125, Ilfov, Romania  
FAX: +40 - 21 457-4243  
Phone: +(40) - 21 457-4550, ext. 2126  
Email: [cristina.matei@inflpr.ro](mailto:cristina.matei@inflpr.ro)  
Web: <http://www.inflpr.ro>, <http://ecs.inflpr.ro>

## 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:** 16  
**Contributed talks** at International Conferences: 31

## **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