

# CURRICULUM VITAE

## 1. PERSONAL DATA

**Surname:** VOICULESCU (maiden name CHINIE)  
**First name:** Ana-Maria  
**Date/Place of Birth:** 07 September 1980 / Curtea de Arges,  
Arges, Romania  
**Nationality:** Romanian  
**Gender:** Female  
**Languages:** English (good)  
French (medium)  
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 Student**

**Dates / Institution:** October 2006 - October 2010 / Faculty of Physics, University of Bucharest, Romania  
Granted by Order 4387/06.06.2011 of the Minister of the Ministry of National Education.  
**Title of the Thesis:** "Spectroscopic Properties of Oxide Phosphors Doped with Rare Earths"  
"Proprietati Spectroscopice ale Fosforilor Oxidici Dopati cu Ioni de Pamanturi Rare"  
**Specialization:** Condensed State's Physics

### **MSc Degree in Physics**

**Dates / Institution:** February 2005 / Faculty of Physics, University of Bucharest, Romania  
**Dissertation Title:** "Synthesis and Characterization of YAG:Er<sup>3+</sup> Nanoparticles"

### **Diploma in Physics**

**Dates / Institution:** Sept. 1999 - June 2003 / Faculty of Physics, Hyperion University, Bucharest, Romania  
**Title of the Thesis:** "Piezoelectric Transducers for Eye Surgery"

### **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: | 01/2013 - present | Senior Researcher of 3 <sup>rd</sup> rank (CS III) |
|                    | 05/2006 - 12/2012 | Scientific Researcher                              |
|                    | 12/2003 - 05/2006 | Junior Scientist                                   |

### **4. PUBLICATIONS**

**Peer-review journals:** 39 (34 articles in journals with ISI impact factor)  
**Contributed talks** at International Conferences: 41 (8 published proceedings)

### **5. RESEARCH INTERESTS**

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

### **6. MISCELLANEOUS**

- Participation at DAAD Summer School "Trends in Contemporary Optics," Sinaia, Romania, 25 Sept. - 08 October 2005.
- Member of the Local Organizing Committee of the International Student Workshop on Laser Applications ISWLA 2011, 31 May 31 - 04 June, 2011, Bran, Romania.

### **7. COMPUTER SKILLS AND COMPETENCES**

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|-----------------------------------|-------------------------------|
| Operating system:                 | Windows                       |
| Data analysis and representation: | Microcal Origin, Fityk        |
| Text editing:                     | OpenOffice.org, MS Word       |
| Presentations:                    | OpenOffice.org, MS PowerPoint |