

# CURRICULUM VITAE

## 1. PERSONAL DATA

**Surname:** STANCIU (VASILESCU)  
**First name:** Catalina-Andreea  
**Date/Place of Birth:** 1 February 1985 / Calinesti, Arges, Romania  
**Nationality:** Romanian  
**Gender:** Female  
**Languages:** English, Spanish (medium level)  
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  
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## 2. EDUCATION AND TRAINING

### **PhD Degree**

Dates / Institution: 2010 - 2013 / University Politehnica of Bucharest, Romania  
Granted by Order 5581/03.12.2013 of the Minister of the Ministry of National Education

Main field of study: Chemical Engineering  
Title of the thesis: "Environmental friendly BaTiO<sub>3</sub> ceramics"

### **Master Degree**

Dates / Institution: 2009 - 2011 / Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, Romania

Program name: "Analytical control of environmental and remediation techniques"

### **Diploma of Engineer**

Dates / Institution: 2004 - 2009 / Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, Romania

Main field of study: Chemical Engineering

### ● **Postdoctoral scholarship:**

Subject: "Obtaining and investigation of the characteristics of some micro and nanostructured ferroelectric materials derived from barium titanate"  
Period: May 2014 - December 2015  
Institution: Faculty of Applied Chemistry and Materials Science, University Politehnica Bucharest, Romania  
Supervisor: Professor Dr. Eng. Adelina-Carmen IANCULESCU  
Program: European Social Fund, Sectoral Operational Programme Human Resources Development (POS DRU); 159/1.5/S/132397

### **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:      Since May 2015:      Scientific Researcher  
   Jan. 2014 - April 2015      Research Assistant

#### **University POLITEHNICA of Bucharest**

Department of Oxide Materials Science & Engineering

Faculty of Applied Chemistry and Materials Science

1 - 7 Gheorghe Polizu, Bucharest R-011061, ROMANIA

Period / Position:      2011 - 2013      Research Assistant

### **4. PUBLICATIONS**

Peer-review journals:      11

International conferences:      21

### **5. RESEARCH INTERESTS**

- Technology and production of transparent polycrystalline ceramics
- Synthesis and characterization of perovskites nanopowders and related ceramics

### **6. COMPUTER SKILLS AND COMPETENCES**

Operating systems:      Windows  
Data analysis and representation:      Microcal Origin  
Text editing:      OpenOffice.org, MS Word  
Presentations:      OpenOffice.org, MS Power Point