

# CURRICULUM VITAE



## 1. PERSONAL DATA

**Surname:** GRECULEASA  
**First name:** Madalin  
**Date/Place of Birth:** 13 July 1991 / Targu Jiu, Romania  
**Nationality:** Romanian  
**Gender:** Male  
**Languages:** English (good), French (medium)  
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  
**Phone:** +(40) - 21 457-4550, ext. 2111  
**FAX:** +(40) - 21 457-4243  
**Email:** [madalin.greculeasa@inflpr.ro](mailto:madalin.greculeasa@inflpr.ro), [greculeasa\\_madalin@yahoo.com](mailto:greculeasa_madalin@yahoo.com)  
**Web:** <http://www.inflpr.ro>, <http://ecs.inflpr.ro>

## 2. EDUCATION AND TRAINING

### **PhD student in Condensed State Physics**

Dates /Institution: October 2017 - present / Faculty of Physics, University of Bucharest, Romania

### **MSc in Physics**

Dates /Institution: October 2014 - June 2016 / Faculty of Physics, University of Bucharest, Romania

Program: Physics of Atom, Nucleus, Elementary Particles, Astrophysics and Applications

Title of the Thesis: "Dynamic of collisions nucleus-nucleus at energies of the order GeV/nucleon. Simulations and comparisons with existing experimental results"

### **Diploma in Engineering Physics**

Dates / Institution: October 2010 - September 2014 / Faculty of Physics, University of Bucharest

Title of the Thesis: "Developments of electrostatic accelerator e-/e+ slow"

## 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: 03/2016 - present Assistant Scientific Researcher

### **Horia Hulubei National Institute of Physics and Nuclear Engineering**

Tandem Accelerators Department

407 Atomistilor Str., Magurele 077125, Ilfov, Romania

Period/Position: March 12th - June 12th 2014 Junior technician

## 4. PUBLICATIONS

Articles in peer-review journals: 15

International conferences: 39

## **5. RESEARCH INTERESTS**

- Czochralski growth of nonlinear optical (NLO) crystals
- Investigation of crystal quality and characterization of NLO properties

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

<b>Operating systems:</b>	Windows, Linux
<b>Data analysis and representation:</b>	Origin, COMSOL, Wolfram Mathematica
<b>Text editing:</b>	OpenOffice.org, MS Word
<b>Presentations:</b>	OpenOffice.org, MS Power Point