

# CURRICULUM VITAE

## 1. PERSONAL DATA

**Surname:** HAU (maiden name: FLOREA)  
**First name:** Stefania  
**Date/Place of Birth:** 14 July 1979 / Rosiorii de Vede, Teleorman  
**Nationality:** Romanian  
**Gender:** Female  
**Languages:** English  
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. 2102  
Email: [stefania.florea@inflpr.ro](mailto:stefania.florea@inflpr.ro)  
Web: <http://www.inflpr.ro>, <http://ecs.inflpr.ro>



## 2. EDUCATION AND TRAINING

### PhD in Physics

Dates / Institution: Oct. 2014 - Nov. 2018, Faculty of Physics, University of Bucharest, Romania  
Title of the Thesis: "Investigation of Visible Emission of Rare Earth Ions in Single Crystals and Poly-Crystalline Ceramics"  
Granted by Order 5745/28.12.2018 of the Minister of the Ministry of National Education

### Diploma in Engineering Physics

Dates / Institution: Oct. 2002 - June 2007, Faculty of Physics, University of Bucharest, Romania  
Title of the thesis: "Nanometrology of Microsystems"

## 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:	Sept. 2022 - present	Senior Researcher, CS III
	May 2015 - August 2022	Scientific Researcher, CS
	Jan. 2008 - April 2015	Research Assistant

## 4. RESEARCH INTERESTS

- Single crystals, transparent ceramics and phosphors doped with RE<sup>3+</sup> ions: spectroscopic characterization.
- Optical thermometry.
- Upconversion processes in rare-earth-doped materials.

## **5. PUBLICATIONS**

Peer-review journals:	36
Contributed talks at international conferences:	54

## **6. RESEARCH PROJECTS**

- **Project Leader:** Post Doctoral project PD 86/ 2020-2022  
([http://ecs.inflpr.ro/Stefania%20HAU\\_PD%2086-2020\\_GARNETVISEM.html](http://ecs.inflpr.ro/Stefania%20HAU_PD%2086-2020_GARNETVISEM.html) )
- **Member:** 8 (eight) National & European Projects