

Curriculum Vitae

Personal information

Surname: TISEANU

First Name: Carmen

Nationality: Romanian

Office: National Institute for Laser, Plasma and Radiation Physics (INFLPR)
Plasma Physics and Nuclear Fusion Laboratory
409 Atomistilor Str., P.O. Box MG-36, Bucharest R-077125, Romania
E-mail: carmen.tiseanu@inflpr.ro

Education

Carmen Tiseanu has received Diploma in Physics Engineering from the University of Bucharest, Romania. She received her PhD in Optical Spectroscopy, 1996, from the Institute of Atomic Physics, Bucharest - Magurele, Romania.

Current position and professional address

Principal researcher since 2006 at the National Institute for Laser, Plasma and Radiation Physics, Bucharest - Magurele, ROMANIA;

Research Interests

1. Structural- physical properties of lanthanide (Ln) doped oxide nanoparticles. Local *versus* long-range structure properties and their impact on the luminescence mechanisms and properties.
2. Ln doped (nano)particles for X-ray imaging, luminescence thermometry and catalysis.
3. Photophysics of Ln based coordination polymers.
4. Excited-state dynamics of Ln doped disordered materials.

Publications

Carmen Tiseanu authored [87 papers published in ISI journals](#).

Group Website: <http://nanolumin.inflpr.ro>;

Google scholar profile: <https://scholar.google.ro/citations?user=sPAMrOgAAAAJ&hl=en>

Full record of publications: <http://nanolumin.inflpr.ro/research.html>.

Projects

In the last ten years, Carmen Tiseanu has been leading as principal investigator three Exploratory Research Projects and one Experimental Demonstrative Project, funded by UEFISCDI. She participated to two European Cooperation in Science and Technology (COST) projects. She has been involved in several international collaborations with Universities and Research Institutes from USA, Mexico, Germany, Sweden and France.

Awards: “Gheorghe Spacu” award of the Romanian Academy (2013).

Editor Scientific Reports. [Editorial board member Scientific Reports](#)