

## **Curriculum Vitae of Prof. Loredana Latterini - PhD.**

### ***Education***

- 30.09.1991: Laurea Degree in Chemistry, Faculty of Sciences, University of Perugia, summa cum laude.
- 29.10.1996: Doctoral degree in Chemical Science, Faculty of Sciences, University of Perugia.

### ***Academic career***

- 2018- now Full Professor at University of Perugia, Dep. of Chemistry, Biology and Biotech- Italy
- 2014 National Scientific Qualification as Full Professor of Physical Chemistry – MIUR Italy
- 2006-2018 Associate Professor at University of Perugia, Dep. of Chemistry - Italy
- 2000-2006 Post-Doc position at University of Perugia - Italy
- 1999-2000 Graduated technician at University of Perugia - Italy
- 1996-1999 Post-Doc position at Katholieke Universiteit Leuven - Belgium
- 1993-1996 PhD University of Perugia - Italy
- 1992-1993 Visiting Researcher at *Center for Photochemical Sciences*, Bowling State University - USA

### ***Research Activities and current interests***

Loredana Latterini, is full professor in Physical Chemistry at the University of Perugia.

The research activity of Prof. Latterini has been characterized by a continuous evolution towards different aspects of the optical behavior of materials.

The solid photo-physics training (Center for Photochemical Sciences Bowling Green State University - USA and Perugia) and the remarkable experience with optical and scanning microscopes for the preparation and characterization of thin films assembled under controlled conditions (Katholieke Universiteit Leuven, Leuven - Belgium) empower her to direct the research activities towards the correlation of spectroscopic and optical behavior of materials with their morphological properties.

In recent years, Prof. Latterini, as a PI of her research group, has promoted and established a new research topic in the department concerning nano-structured materials responsive to electromagnetic radiation.

In this field, high skills in the synthesis (using bottom-up methods) of metallic and / or dielectric nanomaterials and their optical and morphological characterization have been quickly gained.

A clear distinguishing feature of Prof. Latterini's group is the ability to use nanotechnology procedures to prepare nanomaterials with optical and electronic properties determined by size and morphology and a functional surface chemistry.

Recently, prof. Latterini has been appointed as PI of the laboratory *Nano4Light* included in the AMIS Project - funded by MIUR through the Excellent Departments program 2018-2022.

Prof. Latterini's research activity is well documented in 132 scientific papers (in ISI-journals) 5 monographs in scientific books, 5 patents and more than 100 communications in national and international conferences.

For detailed information see:

<https://www.scopus.com/authid/detail.uri?authorId=23004563600>

orcid.org/0000-0002-1021-9423;

<https://scholar.google.it/citations?user=pP3cJakAAAAAJ&hl=it>

### ***Management Activities***

- 2014-2015 Nominated Departmental referent for the Activities and Events for EXPO2015
- Since 2014 Nominated Member of the Review Committee for Chemistry and Chemical Science courses
- Since 2015 Nominated Quality Manager for Chemistry and Chemical Science courses
- 2016 -2018 Elected as a Member of the Departmental Committee
- Since 2015 Nominated Departmental referent for the European Research Night Activities
- 2018-2022 Nominated Member of the management committee of the AMIS Project - funded by MIUR through the excellent departments program 2018-2022
- 2018-2020 Nominated Member of the National Qualification Commission for the Panel MODELS AND METHODOLOGIES FOR CHEMICAL SCIENCES (03/A2)

Perugia, 01.03.2019.