

# CURRICULUM VITAE

## Personal information

Name Lucian - Cristian POP  
Address 11, Arany János, Cluj-Napoca, 400028  
E-mail [lucian.pop@ubbcluj.ro](mailto:lucian.pop@ubbcluj.ro)  
Nationality Romanian  
Date of birth 03.05.1982

## Education

- Date 2007 – 2010
- Name of the institutions [Paul Sabatier University](#), Toulouse, **France** and “Babes-Bolyai” University of Cluj-Napoca, **Romania**, [The Faculty of Chemistry and Chemical Engineering](#)
- Degree awarded **PhD in chemistry**
- PhD title “N,N'- and N,O-chelated pnictogenium cations (P, As, Sb) and germynes: syntheses, structural studies and reactivity”
  
- Date 2006 – 2007
- Name of the institutions “Babes-Bolyai” University of Cluj-Napoca, **Romania**, Faculty of Chemistry and Chemical Engineering and Paul Sabatier University, Toulouse, France
- Degree awarded **Master's degree** in Advanced Organic Chemistry
  
- Date 2006 – 2007
- Name of the institution “Babes-Bolyai” University of Cluj-Napoca, **Romania**  
Faculty of Environmental Sciences
- Degree awarded **Master's degree** in Risk Assessment and Environmental Safety, Field - Inorganic Chemistry
  
- Date 2000 – 2005
- Name of the institution “Babes-Bolyai” University of Cluj-Napoca, **Romania**  
Faculty of Chemistry and Chemical Engineering
- Degree awarded **Engineer** (Specialization: **Biochemical Engineering**)

## Professional experience

- Date February 2018 - present
- Name of the institution [The Faculty of Chemistry and Chemical Engineering](#)
- Position **Lecturer** (Physical chemistry of nanostructured materials, Thermodynamics)
  
- Date September 2017 - present
- Name of the institution Institute of Interdisciplinary Research bio-nano-sciences
- Position CS III
  
- Date April 2016 – September 2017
- Name of the institution Department of Chemical Engineering, “Babes-Bolyai” University
- Position **Research assistant** (Electrode materials based on carbon porous structures, Bi-Fe and/or TiO<sub>2</sub>, with analytical applications)

- Date January 2014 – March 2015
- Name of the institution Department of Chemical Engineering, [Patras University](#), **Greece**
- Position **Researcher** (Innovative materials for photoelectrocatalytic/chemical cells)
  
- Date April 2012 – March 2013
- Name of the institution Department of Chemistry, Graduate School of Science and Engineering, [Saitama University](#), Saitama, **Japan**
- Position **Researcher** (Reactions of novel trilithiostannane with trihalides)
  
- Date October 2011 – March 2012
- Name of the institution Faculty of Physics and The Faculty of Chemistry and Chemical Engineering “Babes-Bolyai” University of Cluj-Napoca, **Romania**
- Position **Researcher** in Materials for Environmental Applications (TiO<sub>2</sub>/WO<sub>3</sub>/Au or Pt composite materials for photocatalytic hydrogen production)

## Fellowships and grants

- 20 Jan. 2014 – 20 Mar. 2015 Postdoctoral fellowship at Patras University, **Greece**
- 02 Apr. 2012 – 30 Mar. 2013 Canon Foundation grant at Saitama University, **Japan**
- 25 Nov. 2010 – 31 Jan. 2011 Mobility grant at Pontificia Universidad Católica de Chile, Santiago, **Chile**
- 01 Jun. 2010 – 31 Aug. 2010 ERASMUS mobility grant at Paul Sabatier University, Toulouse, **France**
- 01 May 2010 – 30 May 2010 PhoSciNet Grant for Doctoral Studies at Laboratoire Hétérochimie Fondamentale et Appliquée (LHFA), Paul Sabatier University, Toulouse, **France**
- 15 Sept. 2009 – 15 Dec. 2009 ECONET Grant for Doctoral Studies at LHFA, Paul Sabatier University, Toulouse, **France**
- 01 Sept. 2008 – 30 Jun. 2009 Égide Research Grant for Doctoral Studies at LHFA, Paul Sabatier University, Toulouse, **France**
- 01 Jun. 2008 – 30 Jun. 2008 DAAD Research Grant for Doctoral Studies at Faculty of Chemistry and Mineralogy, Institute of Inorganic Chemistry, Leipzig University, **Germany**
- 01 Nov. 2007 – 15 Dec. 2007 CEEX Romanian Research Grant - Paul Sabatier University, Toulouse, **France**
- 01 Feb. 2007 – 30 Jun. 2007 ERASMUS mobility grant at Paul Sabatier University, Toulouse, **France**

## Skills and abilities

- Mother tongue
  - Foreign languages\*
- \*(Common European Framework of Reference for Languages)

Romanian

	Listening	Reading	Conversation	Writing
<b>English</b>	C2	C2	C1	C1
<b>French</b>	C1	C1	C1	B1
<b>Spanish</b>	B2	B1	A2	A2
<b>Hungarian</b>	B2	A1	B1	A1

- Social skills  
Communication skills – constant contact with people from different environments and cultural backgrounds
- Technical skills  
Sol-gel/hydrothermal synthesis of semiconductor oxides, carbon and composites and obtaining by chemical and photochemical methods of noble metal nanoparticles.  
Photocatalysis, hydrogen production.  
Structural analysis by spectroscopic methods (IR, UV-VIS, NMR, MS, X-Ray); Computer skills: MestReC, Topspin, ChemWin, ChemDraw, Origin, SciFinder, Scopus;
- Additional information  
Completely familiar with the techniques necessary to handle air and moisture sensitive compounds (Schlenck, glovebox); Hydrothermal synthesis;  
Electronics/Mechanical components: small electronic devices.

Ability to work in a team and to carry out independent research work, to teach and supervise research work carried out by undergraduate students.

## Scientometrics

- 35 Peer reviewed articles (for 18 as first author)
- 4 Book chapters
- 1 Patent
- 30+ Participations to congresses (25+ posters and 4 oral presentations)
- Total citations 570 (Google scholar), 453 (Scopus), 419 (WoS)
- Hirsch index – 12,  $\sum$  impact factors = 105+

February 2024

Lect. dr. eng. Lucian C. Pop