

CURRICULUM VITAE

Personal information

Name Lucian - Cristian POP
Address 11, Arany János, Cluj-Napoca, 400028
E-mail 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 TiO₂, 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 (TiO₂/WO₃/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 postdoctoral fellowship 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
English	C2	C2	C1	C1
French	C1	C1	C1	B1
Spanish	B2	B1	A2	A2
Hungarian	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

- 21 Peer reviewed articles (for 13 as first author)
- 3 Book chapters
- Patent requirement 1
- 30+ Participations to congresses (25+ posters and 4 oral presentations)
- Total citations 284 (Google scholar), 257 (Scopus), 255 (WoS)
- Hirsch index – 9, \sum impact factors = 60+

January 2021

Lect. dr. eng. Lucian C. Pop