

PERSONAL INFORMATION

Claudia Gabriela CHILOM



University of Bucharest, Faculty of Physics, Department of Electricity, Solid State and Biophysics, Romania
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Replace with type of IM service Replace with messaging account(s)

Sex female | Date of birth 22/08/1974 | Nationality Rournnie

POSITION

Assoc prof. Ph.D

WORK EXPERIENCE

2020 – present **Assoc prof. Ph.D**
 University of Bucharest – Faculty of Physics

EDUCATION AND TRAINING

2020 – present Associate Professor, Ph.D.
 University of Bucharest Faculty of Physics, Department of Electricity, Solid State and Biophysics

2007 – 2020 University Lecturer Ph.D.
 University Lecturer, University of Bucharest Faculty of Physics, Department of Electricity, Solid State and Biophysics

2002 - 2006 PhD student
 University of Bucharest Faculty of Physics, Department of Electricity, Solid State and Biophysics
 Research and didactic activities

2000 –2002 Teacher of Physics
 School 149, Sector 3, Bucharest, Romania
 Didactic activities

1998 –2000 Osica de Sus Theoretical Highschool, Osica de Sus, Olt
 Education
 Didactic activities

1997 –1998 Teacher of Physics
 Piatra General School, Piatra Olt, Olt
 Education

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Replace with language	C1	C1	C1	C1	C1
Replace with language	C1	C1	C1	C1	B1

Replace with name of language certificate. Enter level if known.
 Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ Good communication skills gained through my experience as lecturer and researcher

Organisational / managerial skills **Leadership:** currently responsible for the research team in scientific projects

Tutorship: Supervization of diploma and disertation thesys in the *Biophysics* and *Medical Physics* students: 50 thesys (2007 – present)

Job-related skills Replace with any job-related skills not listed elsewhere. Specify in what context they were acquired. Example:
 ▪ good command of quality control processes (currently responsible for quality audit)

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Other skills ▪ Very good skills in: Internet, Microsoft Word, Excel, Power Point, Photoshop, Microcal Origin, Corel Draw, Phywe

ADDITIONAL
 INFORMATIO
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- Publications**
- 27 papers published in journals with impact factor
 2 papers published in Romanian journals without impact factor
 2 works published *in extenso* in proceedings
 3 books
- Projetscs**
- Roumanian Responsible for:**
1. **IUCN Project with Theme:** 04-5-1131-2017/2021, ***Biogenic ferrihydrite for biological applications: structural characterization, drug and protein binding***
 2. **IUCN Project with Theme:** 02-1-1107-2011/2021, ***Investigation chemically synthesized and biogenic systems in interaction with biostructures for applied research***
 3. **IUCN Project with Theme 04-4-1121-2015/2020:** *Structural and spectrophotometric characterization of biogenic and chemically synthesized systems in interaction with biostructures*
 4. **IUCN Project with Theme 04-2-1103-2010/2015:** *Medical and Biological Research with JINR Hadron*
 5. **IUCN Project with Theme 04-4-1121-2014/2017:** *Structural and spectrophotometric characterization of biogenic systems*
 6. **IUCN Project with Theme 04-2-1132-2017/2019:** *The effect of proton beam irradiation on the in vitro action of antitumor drugs*
 7. **IUCN Project with Theme 04-4-1121-2015/2017:** *Structural and spectrophotometric characterization of biogenic systems*
 8. **IUCN Project with Theme 04-2-1103-2010/2015:** *Medical and biological research with JINR hadron beams*
- Member in: 11 scientific projects (2004 – present).**
- Presentations**
- Invited lecturer: 2 (16th and 18th IWBAP, Constanta, Romania, July, 2016, 2018)
- Round Table**
- International Round Table for Dissemination of the Results in Synthesis and Characterization of Advanced Materials by New Technologies, Constanta, Romania, 6-7 July 2018.
- Conferences**
- Over 50 posters/communications to national and international scientific meetings
- Memberships**
- Summer schools: 7
- Nov 2018 – present: Member of the Council of the Faculty of Physics, University of Bucharest
 - 2008 – present: Member of the Council of the Department of Electricity, Solid state and Biophysics, Faculty of Physics, University of Bucharest
 - 2003 - 2006: Member of FEBS
 - 2009 - 2015: Member of Romanian Society of Physics
- References**
- Prof. Dr. Doina GAZDARU, doina.gazdaru@gmail.com
 Prof. Dr. Andrei BARBORICA, andrei.barborica@fizica.unibuc.ro
 Prof. Dr. Aurel POPESCU, aurel.popescu.46@gmail.com
- Citations**
- Over 155, h-index – 7 (from Scopus)
- Courses**
- Courses:**
- Fundamentals of biophysics, Special problems in Biophysics, Biophysical systems and processes, Biomolecular interactions, Bionics and sensorial biophysics, Bioenergetics, Proteomics. Specific methods and techniques, Human anatomy and physiology

Laboratory works:

Fundamentals of Biophysics, Biophysics of Molecular and Supramolecular Biophysics, Bioenergetics, Bionics and Sensorial Biophysics, Biomolecular interactions Human anatomy and physiology, Systems and processes in Biophysics, Experimental techniques in Biophysics, Special problems in Biophysics

**Research
Stages**

1. *Post-doctoral position at University of Bucharest, "Post-doctoral Programme for the formation of the researchers in science", ID: POSDRU/89/1.5/S/58852 – Project title: Biophysical study of the specific protein – ligand interactions and of the thermodynamic stability of proteins and their complexes with ligands*

2. *Romanian Government ONBSS stage, December 2005 - February 2006 – research at Institut Curie, Laboratory of Molecular Biophysics, University Paris-Sud, Orsay, France.*

3. *FEBS stage - December 2003 - February 2004 - a research programme on protein-ligand interactions (Human Centrin 1, Human Centrin 2, Human Centrin 3 and Calmodulin with specific polypeptide and ions ligands) by Isothermal Titration Calorimetry and Circular Dichroism, at Institute Curie, Laboratory of Molecular Biophysics, University Paris-Sud, Orsay, France.*

4. *Socrates Erasmus Programme stage – April - August 2003 - a research programme on protein-ligand interactions (Human Centrin 2, Human Centrin 3 and Calmodulin with specific polypeptide ligands) by Isothermal Titration Calorimetry and Circular Dichroism, at Institute Curie, Laboratory of Molecular Biophysics, University Paris-Sud, Orsay, France.*

Assoc. Prof. PhD. Claudia Chilom

