

PERSONAL INFORMATION		Marilena (Ferbinteanu) CIMPOESU
	University of Bucharest, Faculty of Chemistry Panduri Street, No. 90-92, Bucharest, Romania	
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	Sex M / F Date of birth 30/07/1968 Nationality Romanian	

WORK EXPERIENCE

2008-present	Associated professor	University of Bucharest, Panduri Street, No. 90-92, Bucharest, www.unibuc.ro Teaching and research; Faculty of Chemistry, Department of Inorganic and Organic Chemistry, Biochemistry and Catalysis
1998-2008	Lecturer	University of Bucharest, Panduri Street, No. 90-92, Bucharest, www.unibuc.ro Teaching and research; Faculty of Chemistry, Department of Inorganic Chemistry
2004-2006	Postdoctoral researcher	Japan Society for Promotion Science (JSPS) Fellowship Awarded, Japan Research: <i>Design and Advanced Studies of New Single Chain Magnets</i> Tohoku University, Sendai, Japan, (Prof. Masahiro Yamashita)
2003-2004	Postdoctoral researcher	Postdoctoral research stage, CREST researcher, Japan Research: <i>Development and Application of Nano-Molecular Quantum Magnets.</i> Tokyo Metropolitan University, Tokyo, Japan, (Prof. Masahiro Yamashita)
2002-2003	Postdoctoral researcher	Postdoctoral research stage, Japan Research: <i>The Chemistry of the Thermochromic and Solvatochromic Coordination Compounds. New Classes, Synthetic Strategies and Advanced Structural Investigations,</i> Ochanomizu University, Tokyo, Japan, (Prof. Yutaka Fukuda)
1999-2001	Postdoctoral researcher	Alexander von Humboldt Fellowship Awarded Research: <i>Hard and Soft Interactions for generating new catalysts</i> Institut für Anorganische Chemie der Universität Göttingen, Göttingen, Germany (Prof. Herbert W. Roesky)
1993-1998	Professor assistant	University of Bucharest, Panduri Street, No. 90-92, Bucharest, www.unibuc.ro Teaching and research; Faculty of Chemistry, Department of Inorganic Chemistry
1991-1993	Junior assistant	University of Bucharest, Panduri Street, No. 90-92, Bucharest, www.unibuc.ro Teaching and research; Faculty of Chemistry, Department of Inorganic Chemistry

EDUCATION AND TRAINING

2025	Habilitation in Chemistry	University of Bucharest, Faculty of Chemistry	EQF Level 8
	Thesis Title: <i>Magneto-structural chemistry of coordination compounds. Syntheses, analyses, rationales</i> Atestat de abilitare și calitatea de conducător de doctorat (în conformitate cu Ordinul Ministrului Educației și Cercetării Științifice nr. 4368 din 23.06.2025)		
1998	PhD in Chemistry	University of Bucharest, Faculty of Chemistry, Dept. of Inorganic Chemistry	EQF Level 8
	Thesis Title: <i>Coordination Compound Displaying Thermochromic Properties</i>		
1986-1991	Bachelor of Science and Master of Science in Inorganic Chemistry	University of Bucharest, Faculty of Chemistry, Dept. of Inorganic Chemistry	EQF Level 6/ EQF Level 7
	Thesis Title: <i>Coordination compounds with beta-diketone derivatives as ligands</i>		

PERSONAL SKILLS

Mother tongue(s)	Romanian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C2	C1	C2
German	B2	B2	B1	B1	B1
French	B2	B2	B1	B1	B1
Japanese	A1	A1	A1	A1	A1

EXPERTISE FIELD	- Coordination Compounds with special optical and magnetic properties - Molecular magnetism and magnetic anisotropy - Structural analysis by single crystal X-ray crystallography - Structural analysis by routine electron structure calculation - Magneto-structural correlations in coordination compounds
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	- Molecular bistability, thermochromism and spectroscopic properties driven by ligand field factors - Inorganic Stereochemistry
PUBLICATIONS AND SCIENTIFIC INDICATORS	125 publications (6 published under the name Marilena Cimpoeșu and 119 published under the name Marilena Ferbinteanu), of which 99 publications indexed in Web of Science (95 under the name Marilena Ferbinteanu, 4 under the name Marilena Cimpoeșu), 4 locally published books (University Bucharest Press and Ars Docendi), 1 author's book (Structural Chemistry published by Springer Publishing House), 11 chapters (Apple Academic & CRC Press, Springer, IGI Global), and 10 non-ISI articles. The number of citations is greater than 3100 and the Hirsch index is 29 (according to the Scopus database and both author names used in the publications)
PROJECTS	National grants, obtained by competition as a leader team:- (1) <i>A new generation of paradigms in the molecular magnetism and material sciences. The magnetic anisotropy in complex units, supramolecular systems and at nano-scale.</i> sponsored by NURC(CNCIS) 9/2010-2013, 7000000RON (~2 mil. Euro); (2) <i>Applied Structural Chemistry. Structural-properties correlations in extended coordinative system with special magnetic and optical properties</i>, funded by University of Bucharest, 2014, 45800RON; (3) <i>New synthetic strategies and structural models in the coordination and supramolecular chemistry of lanthanides. The rationalization and control of the stereo- and magneto-chemical complexity</i>, sponsored by NURC(CNCIS) 467/2009-2010, 550000RON; (4)- <i>New treatments in inorganic stereochemistry. Structural correlation, synthetic and theoretical aspects</i>, sponsored by NURC(CNCIS) 703A/2002-2004, 54000000ROL, 2002-2004; (5) - Nano and mono-dimensional magnetic material, sponsored by NURC(CNCIS) 46000RON(2005) 50600RON(2006), 886A/2005-2006. International projects, obtained by competition as a leader team or member team (1) <i>Toward the Rational Design of Special Properties at Molecular and Nano-Scale Level. Synthesis, Characterization and Structural Correlations for New Organic, Coordination and Hybrid Compounds</i>, (TRADE-SPEC-PRO) funded by NURC-CNCIS during 2011-2012, Assoc. Prof. Dr. Marilena Ferbinteanu Cimpoeșu as project coordinator for the Romanian Team and Acad. Prof. Dr. Wei Huang as project coordinator for the Chinese Team; (2) as member in the Romanian research team Grant INTAS 2001-2003 (<i>Synthesis, magneto-optical study, and theoretical analysis of d-f clusters with ferromagnetic properties</i>; with teams from Belgium (Prof. A. Ceulemans), Italy (Prof. D. Gatteschi), Moldova (Prof. C. Turta) and Russia (Prof. V. Mironov); general leader team Prof. A. Ceulemans.(3) as member in the international research team CREST project 2003-2006 (Core Research for Evolutional Science and Technology), Aria: Creation of Nanodevice / Material / System for Overcoming Integration / Function Limits in Data Processing and Communications. Section Development and Application of Nano-Molecular Quantum Magnets, (Prof. M. Yamashita); (4) as co-leader team, Grant-in-aid 2004-2006 JSPS (Japan Society for Promotion Science) <i>Design and Advanced Studies of New Single Chain Magnets</i>, together with Prof. Masahiro Yamashita, Tohoku University, Sendai, Japan); (5) project coordinator, together with Prof. H. W. Roesky for the project: <i>Hard and Soft Interactions for generating new catalysts</i>, sponsored by A. v. Humboldt Foundation, 1999-2001 European COST Project, Action CM1305, Nominated National Members Committee, 2014-2018. <i>Science for Future Researchers: Experiments and Knowledge</i> (ȘTIE), project code PN-IV-P10-SS-SC-2024-0045, Funding Contract No. 2SSSC/2025., 250000lei, project coordinator for the UB Team, Partner2, 2025-2026.
EXTRACURRICULAR ACTIVITIES	- Organizing: - International Workshop on Advances in Structure-Property Correlation, the Gate for Special Properties at Molecular and Nano Level (ADSPECPRO2012), Sept. 20-21, 2012; - International work-shop Monodimensional magnetic material, Bucharest, Oct. 16-20, 2005, special guest Prof. M.Yamashita (Nanoscience of Advanced Metal Complexes: Single-Chain Quantum Magnets and Gigantic Optical Nonlinearity of Nano-Wire Metal Complexes); - Invited lectures in the Molecular Advanced Materials Master Program, special guests Prof. M. Yoshimura, National Cheng Kung University, Taiwan (2017), Prof. Y. Fukuda, Ochanomizu University, Tokyo (2009) and Prof. T. Endo, Mie University, Japan (2008); -ACS Festival of Chemistry- September 28th 2018, Oct. 12th 2019, Sept.24th 2021, Nov. 5-7th 2021, Oct.15-16th 2022, Oct. 7th 2023, Oct. 11-12th, 2025. -10-ACS-RO Symposium, Bucharest, Dec. 7th, 2023. - Member of The Romanian Chemical Society, The Chemical Society of Japan, The American Chemical Society (vice-president of Romanian ACS Chapter), Th "Alexander von Humboldt" Club (committee member), The JSPS Alumni Romania (founder member). - Referee of the Journal of the American Chemical Society, Inorganic Chemistry, Dalton Transaction, Polyhedron, Crystal Growth & Design, New Journal of Chemistry, Chemical Papers. - Member in the Editorial Boards of Magnetochemistry, ISSN: 2312-7481; of Frontiers in Chemistry, ISSN 2296-2646; of New Frontiers in Chemistry, ISSN 2393-2171; ISSN-L 2393-2171. - Expert for the evaluation of the Horizon-Europe programme, UEFISCDI- Romanian National University Research Council applications, Romanian-American Foundation (RAF)-ARTIE-POC fellowship program, Science Council Chile grants applications - Member of the Core chemistry work group European Chemistry Thematic Network (ECTN). - Member in 5 PhD theses juries - Elected member of the Scientific Council of the Faculty of Chemistry – 2023 - to present.
MENTOR OF STUDENTS	- Bachelor- 28 students (7 last 5 years); Master of Science-17 students (5 in the last 5 years); - Didactical theses - 2 professors
AWARDS AND DISTINCTIONS	- Alexander von Humboldt fellowship awarded (2000); - Japan Society for Promotion Science fellowship awarded (2004); - University of Bucharest award for research activity in 2007-2010; - Honorary Diploma of the Romanian Chemical Society for recognizing contributions to the development and promotion of chemistry (2024).