



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Shova, Sergiu**
Address(es) Str. Calea Ieşilor Nr. 61/5, Ap. 22, MD-2069 Chişinău, R. Moldova
Telephone(s) +373 757041 Mobile: +373 69580085
Fax(es) +373 577542 +40 747911913
E-mail shova@icmpp.ro
Nationality Romanian
Date of birth 09/03/1958
Gender Male

Work experience

Dates	Since 1984 till today
Occupation or position held	Associate professor
Main activities and responsibilities	Teaching courses for students
Name and address of employer	State University of Moldova, str. A Mateevici Nr. 60, MD-2004 Chişinău, R. Moldova
Type of business or sector	Inorganic chemistry courses and laboratory studies; course, seminars and laboratory lessons in crystallography and structural analysis with X-rays; supervisor professor for undergraduate and master's degree theses
Dates	Since 1996 till 2010
Occupation or position held	Coordinating Science Researcher
Main activities and responsibilities	Management of X-ray analysis laboratory
Name and address of employer	The Institute for Applied Physics of Moldova Academy of Science, str. Academiei 3, Chişinău MD-2028, R. Moldova
Type of business or sector	The synthesis of coordination compounds and the structural study using single crystal X-ray analysis method. Manager of various research projects
Dates	Since 2009 - present
Occupation or position held	Coordinating Science Researcher
Main activities and responsibilities	The Management of the Laboratory for analysis of toxic substances
Name and address of employer	The Zoology Institute of Moldova Academy of Science, The Laboratory for Hydrobiology and Ecotoxicology, str. Academiei 3, Chişinău MD-2028, R. Moldova
Type of business or sector	The management of the methods of atomic absorption spectroscopy and gas chromatography used for quantitative determination of toxic substances
Dates	Since 2010 - present
Occupation or position held	Senior Researcher II
Main activities and responsibilities	X-ray Laboratory Management
Name and address of employer	"Petru Poni" Institute of Macromolecular Chemistry, alley Grigore Ghica Voda, no. 41-A, postcode 700487, Iasi, Romania.
Type of business or sector	Synthesis of coordination compounds, X-ray single-crystal analysis

Education and training

Dates	Since 1980 till 1983
Title of qualification awarded	Ph. D., in Chemistry
Principal subjects/occupational skills covered	The chemistry of coordination compounds. The synthesis of coordination compounds, physical methods of research, X-ray analysis method
Name and type of organisation providing education and training	The Institute for Applied Physics of Moldova Academy of Sciences, str. Academiei 3, Chişinău MD-2028, R. Moldova
Dates	Since 1975 till 1980
Title of qualification awarded	Chemist, Chemistry Professor
Principal subjects/occupational skills covered	Inorganic Chemistry; Organic Chemistry; Analytical Chemistry; Physical Chemistry; Chemical technology; Mathematics; Physics; Economy; Philosophy; Pedagogy, English
Name and type of organisation providing education and training	The State University of Moldova, str. A Mateevici Nr. 60, MD-2004 Chişinău, R. Moldova

Personal skills and competences

Mother tongue(s) Romanian

Other language(s) English, Russian

Self-assessment

European level (*)

English

Russian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Experienced user	Experienced user	Independent user	Independent user	Independent user
Experienced user	Experienced user	Experienced user	Experienced user	Experienced user

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences	<p>As Director or Grant holder in:</p> <ul style="list-style-type: none"> -“Synthesis, Magneto-optical study and theoretical analysis of d-f clusters with ferromagnetic properties” during 2001-2004, INTAS 00-00565 - „Synthesis, X-ray analysis and magnetic properties of polynuclear carboxylates of the d/d and d/f type” (06.12CRF) during 2005-2006 in the frame of The Supplemental Agreement between The Academy of Science of Moldova and The Fund for Fundamental Research in Russia - „The Cr(III) binuclear complex compounds - a platform for the formation of d/d and d/f clusters and coordination polymers (synthesis, structure, magnetic properties)” (08.820.05.025RF) during 2008-2009 in the frame of The Supplemental Agreement between The Academy of Science of Moldova and The Fund for Fundamental Research in Russia <p>As researcher in the following projects:</p> <ul style="list-style-type: none"> - „Non-traditional Synthesis and Crystal Structure of New Heterometallic Bismuth Compounds as Low-temperature Precursors”, 2001; SCOPES 2000-2002 7MDPJ5575 - „The influence of crystallization temperature on the structure and composition of the pseudopolymorphic inclusion compounds”, 2001-2004, INTAS 00-0053 -Structure and fine interactions in organic, coordination and supramolecular compounds for determination of their role in the genesis of physical properties and pharmaceutical performance (06.408.012F) - „Nanostructured cathode materials for fuel cells with solid oxide electrolyte (SOFC)” (10.820.05.22/RoF) during 2010-2012 in the frame of the Bilateral Cooperation Program between The Academy of Science of Moldova and The National Authority for Research in Science from Romania (ANCS) -“Multifunctional Spin Crossover Materials” 734322 — SPINSWITCH — H2020-MSCA-RISE-2016, leader of ICMPP team
Technical skills and competences	30 years of experience in the field of coordination chemistry: synthesis, physical methods, X-ray crystallography.
Other skills and competences	30 years of experience as professor at The State University of Moldova.
Additional information	Co-author of about 350 published articles in journals with referees. <i>h</i> -index 30.
Annexes	