Curriculum vitae Europass

Personal information

Surname(s) / First name(s)	**VARGA RICHARD ATTILA**
Address	Universitatea ''Babeş-Bolyai'' Facultatea de Chimie şi Inginerie Chimică Str. Arany Janos, Nr. 11, RO-400028 Cluj-Napoca, Romania
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Date of birth	4.09.1973

Work experience

Dates	2014-present
Occupation or position held	Associate Professor
Name of employer	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Principal subjects/occupational skills covered	Teaching position: course, seminars and laboratory work in General Chemistry (at Physics, Biology line of study, and seminars and laboratory work at Chemistry line of study, respectively); course, seminars and laboratory work in Coordination and Organometallic Chemistry and Single-Crystal X-ray Diffraction, laboratory work in Inorganic and Organometallic Chemistry, Research in Inorganic and Organometallic Chemistry, Single-Crystal X-ray Diffraction
Dates	2007-2014
Occupation or position held	Lecturer
Name of employer	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Principal subjects/occupational skills covered	Teaching position: course, seminars and laboratory work in General Chemistry, courses in Organometallic Chemistry (hungarian language) and Single-Crystal X-ray Diffraction, laboratory work in Inorganic and Organometallic Chemistry, Research in Inorganic and Organometallic Chemistry, Single-Crystal X-ray Diffraction
Dates	2004-2007
Occupation or position held	Junior lecturer
Name of employer	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Principal subjects/occupational skills covered	Teaching position: seminars and laboratory work in General Chemistry, course and seminars in Organometallic Chemistry (english and hungarian language), laboratory work in Inorganic Chemistry, Research in Inorganic and Organometallic Chemistry, Single-Crystal X-ray Diffraction
Dates	2003-2004
Occupation or position held	Research assistant
Name of employer	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Principal subjects/occupational skills covered	Research in Inorganic and Organometallic Chemistry, Single-Crystal X-ray Diffraction
Dates	2001-present
Occupation or position held	crystallographer

Name of employer	Centrul National de Difractometrie de Raze X, Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Principal subjects/occupational skills covered	Single-Crystal X-ray Diffraction structure determinations

Education and training

Dates	2024
Title of qualification awarded	Habilitation in Chemistry
Name and type of organisation	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Dates	1998-2003
Title of qualification awarded	PhD in Chemistry Thesis title: Hypervalent Tin and Lead Compounds
Name and type of organisation	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Dates	1997-1998
Title of qualification awarded	Master of Science in Organometallic and Coordination Chemistry Thesis title: Lead Compounds with Organophosphorus Ligands
Name and type of organisation	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''
Dates	1992-1997
Title of qualification awarded	Bachelor's degree in Chemistry
Name and type of organisation	Facultatea de Chimie şi Inginerie Chimică, Universitatea ''Babeş-Bolyai''

Personal skills and competences

Other language(s)	**Understanding**				**Speaking**				**Writing**	
	Listening		Reading		Spoken interaction		Spoken production			
English	C2	proficient user	C2	proficient user	C2	proficient user	C2	proficient user	C2	proficient user
Hungarian	C2	proficient user	C2	proficient user	C2	proficient user	C2	proficient user	C2	proficient user
German	B2	independent user	B2	independent user	B1	independent user	B1	independent user	A2	basic user

(*) Common European Framework of Reference for Languages

Technical skills and competences	Preparative Coordinative and Organometallic Chemistry – synthesis of coordinative / organometallic tin and lead derivatives under open or inert atmosphere, using specific inorganic and organic precursors; design of (organo)metallic compounds with biological activity. Spectral Analysis – structural investigation of precursors and new products by means of: FT-IR, multinuclear (^{1}H, ^{13}C, ^{19}F, ^{31}P, ^{119}Sn) NMR, Mossbauer ^{119}Sn spectroscopy, mass spectroscopy. Structural Analysis – molecular structure investigation by means of single-crystal X ray diffraction using the Smart Apex CCD X-ray diffractometer; solving, refining and graphical processing of X-rays structures with specific software (SHELX package, WinGX, ORTEP, Diamond etc.). **Publications:** Author of a book published at a international publishing house and a book chapter 105 de scientific articles (105 in ISI rated journals) 48 national and international conferences Hirsch index= 19 Total number of citations = 1,145 (938 without self citations at 15.01.2026) http://www.researcherid.com/rid/A-3940-2010 **Member of professional associations**: Romanian Chemical Society
Computer skills and competences	Microsoft Office (Word, Excel, Power Point, OneNote), PhotoShop, ChemDraw, Mnova, SHELX, WinGX, ORTEP, Diamond, POV-Ray.
Organisatoric skills and competences	Project director of 4 projects; Member in more than 10 national and international projects; Crystallographer of the National Centre of X-Ray Diffractometry (2001 – present) (established as BCUM – financed by the World Bank).
Stays abroad	- Chemistry Department, Universität Dortmund (Germany) Nov. - Dec. 1999 (2 months – visiting researcher) Feb. - Dec. 2001 (11 months - visiting researcher) Mar. - Apr. 2007 (1 month - visiting researcher) - Chemistry Department, Zaragoza University (Zaragoza), La Rioja University (Logrogno) Spain Oct. – Nov. 2007 (1 month - visiting researcher) - Bruker AXS, Karlsruhe, Germany SMART APEX Sigle Crystal X-ray Diffractometer User Training, 23 - 30 Mar. 2002.
Driving licence	B
Hobby	Bonsai, sports, photography

Cluj-Napoca,
15.01.2026

Assoc. Prof. Dr. habil. Richard A. Varga