



Curriculum vitae Europass

Personal information

Surname(s) / First name(s) **VARGA RICHARD ATTILA**

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Facultatea de Chimie și Inginerie Chimică
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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 și 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 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 și 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 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 și 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 și 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 și Inginerie Chimică, Universitatea "Babeș-Bolyai"

Principal subjects/occupational skills covered | Single-Crystal X-ray Diffraction structure determinations

Education and training

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 și Inginerie Chimică, Universitatea "Babeș-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 și Inginerie Chimică, Universitatea "Babeș-Bolyai"

Dates | 1992-1997

Title of qualification awarded | Bachelor's degree in Chemistry

Name and type of organisation | Facultatea de Chimie și Inginerie Chimică, Universitatea "Babeș-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 (¹H, ¹³C, ¹⁹F, ³¹P, ¹¹⁹Sn) NMR, Mossbauer ¹¹⁹Sn 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
99 de scientific articles (99 in ISI rated journals)
46 national and international conferences

Hirsch index= 16 Total number of citations = 894 (26.11.2021)

<http://www.researcherid.com/rid/A-3940-2010>

ORCID: 0000-0002-0011-8469

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	<ul style="list-style-type: none"> - 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 (Logroño) Spain Oct. – Nov. 2007 (1 month - visiting researcher) - Bruker AXS, Karlsruhe, Germany SMART APEX Single Crystal X-ray Diffractometer User Training, 23 - 30 Mar. 2002.
Driving licence	B
Hobby	Bor sa , sports, photography

Cluj-Napoca
October 26, 2021

Assoc. Prof. Dr. Richard A. Varga